## Overview of Environmental and Hydrogeologic Conditions near Kenai, Alaska

**U.S. GEOLOGICAL SURVEY** 

Open-File Report 95-410

Prepared in cooperation with the

FEDERAL AVIATION ADMINISTRATION



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By Bonnie J. Bailey and Eppie V. Hogan

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# U.S. DEPARTMENT OF THE INTERIOR BRUCE BABBITT, Secretary

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#### **CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATIONS**

Multiply	Ву	To obtain
millimeter (mm)	0.03937	inch
centimeter (cm)	0.3937	inch
meter (m)	3.281	foot
kilometer (km)	0.6214	mile
centimeters per year (cm/yr)	0.3937	inch per year
square kilometer (km <sup>2</sup> )	0.3861	square mile
liter (L)	0.2642	gallon
liters per second (L/s)	15.85	gallons per minute
liters per day (L/d)	0.2642	gallon per day
cubic meter per second per square kilometer [m <sup>3</sup> /s)/km <sup>2</sup> ]	91.4	cubic foot per second per square mile

In this report, temperature is reported in degrees Celsius (°C), which can be converted to degrees Fahrenheit (°F) by the following equation:

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

Chemical concentration and water temperature are given only in metric units. Chemical concentration in water is given in milligrams per liter (mg/L) or micrograms per liter ( $\mu g/L$ ). Milligrams per liter is a unit expressing the solute mass per unit volume (liter) of water. One thousand micrograms per liter is equivalent to 1 milligram per liter.

Sea level: In this report, "sea level" refers to the National Geodetic Vertical Datum of 1929—A geodetic datum derived from a general adjustment of the first-order level nets of the United States and Canada, formerly called Sea Level Datum of 1929.

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#### **ABSTRACT**

The city of Kenai is on the eastern shore of Cook Inlet in south-central Alaska, about 100 kilometers southwest of Anchorage and 15 kilometers northwest of Soldotna. The Federal Aviation Administration operates airway-support facilities near Kenai. They wish to consider environmental and hydrogeologic conditions when evaluating options for environmental compliance that may be required at these facilities. Kenai has a transitional climate influenced by the mild maritime climate of Cook Inlet and the continental climate of interior Alaska. Shrub and black spruce forested wetlands cover low-lying areas and spruce, birch, and willow cover upland slopes. Bedrock, typically found at depths greater than 150 meters, consists of conglomerate rocks, siltstone, sandstone, claystone, and coal. The principal surficial materials near Kenai include old beach terrace and coastal plain deposits, glacial-outwash deposits, and glacial moraine deposits. Lakes, marshes, and areas of muskeg cover more than one-third of the Kenai Lowland and numerous glacial and nonglacial streams drain the area into Cook Inlet. The principal water source for residents and businesses in the Kenai Lowland is ground water, which is available from both unconfined and confined aguifers. The Kenai River represents an alternative water source, but water use reservations and high concentrations of suspended sediment may limit its use.

#### INTRODUCTION

The Federal Aviation Administration (FAA) owns and (or) operates airway support, and navigational facilities throughout Alaska. Fuels and potentially hazardous materials such as solvents, polychlorinated biphenyls, and pesticides may have been used and (or) disposed of at many of these sites. To determine if environmentally hazardous materials have been spilled or disposed of at the sites, the FAA is conducting environmental studies mandated under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) and the Resource Conservation and Recovery Act (RCRA). To complete these more comprehensive environmental studies, the FAA requires information on the hydrology and geology of areas surrounding the sites. This report, the product of compilation, review, and summary of existing hydrologic and geologic data by the U.S. Geological Survey (USGS), in cooperation with the FAA, provides such information for the FAA facility and nearby areas at Kenai, Alaska.

#### **BACKGROUND**

#### Location

The city of Kenai is on the eastern shore of Cook Inlet in south-central Alaska (fig. 1). It is about 100 km southwest of Anchorage and 15 km northwest of Soldotna. The Kenai FAA facilities are concentrated at the Kenai Airport, with additional facilities near Soldotna and the Funny River (fig. 2). The FAA facilities are in the Kenai Lowland, a lowland formed by the advance of large glaciers during the last major glaciation which ended about 9,500 years ago (Reger and Pinney, 1995).

#### **History and Socioeconomics**

Fort St. Nicholas, later known as Kenai, was founded in 1791 by the Russian Shelikof Company. The company's successor, the Russian-American Company, controlled the Kenai area until the United States purchased Alaska in 1867 (U.S. Soil Conservation Service, 1962). Kenai was the site of the first major Alaska oil strike in 1957. The oil industry, tourism, sport and commercial fishing, logging, mining, and agriculture currently contribute to the local economy.

The FAA has had airway-support facilities in Kenai since 1938. The Kenai FAA facilities are concentrated at the Kenai Airport and currently include navigation and communication aids. Additional facilities are found near Soldotna and the Funny River (fig. 2). A detailed account of FAA owned, leased, or transferred properties near Kenai and a listing of suspected sources of contamination near these facilities can be found in an environmental compliance investigation report by Ecology and Environment, Inc., (1993).

#### PHYSICAL SETTING

The Kenai FAA facilities are in the Kenai Lowland, part of the Cook Inlet-Susitna Lowland (Karlstrom, 1964; Wahrhaftig, 1965). The Kenai Lowland is a glaciated coastal shelf about 30 to 80 km wide and about 170 km long. It covers an area of about 9,300 km<sup>2</sup> and is bordered on the west by Cook Inlet, on the east by the Kenai Mountains, on the north by Turnagain Arm, and on the south by Kachemak Bay (fig. 1). Although the Caribou Hills rise to more than 500 m above the general lowland surface, most of the Kenai Lowland is less than 150 m in elevation, and local relief typically ranges from 15 to 75 m (Reger, 1985; Karlstrom, 1964).

#### Climate

Kenai has a transitional climate influenced by the mild maritime climate of Cook Inlet and the continental climate of interior Alaska (Hartman and Johnson, 1984). Seasonal precipitation patterns are not sharply defined, but a dry early summer and a wet late summer are typical. The mean annual temperature at Kenai is about 0.8 °C. Temperatures range from a July mean maximum of 16.4 °C to a January mean minimum of -15.8 °C. Mean annual precipitation is about 480 mm



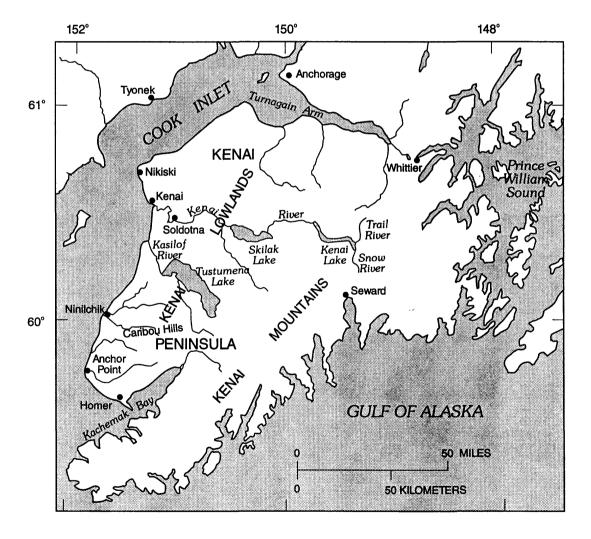


Figure 1. Location of Kenai Peninsula, Alaska.

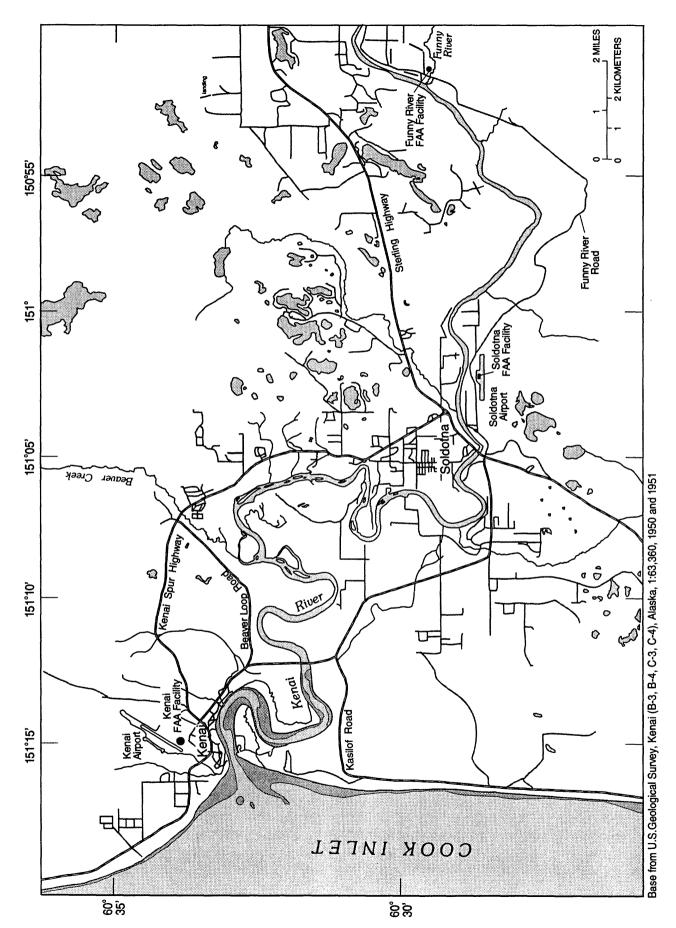


Figure 2. Location of the Kenai Federal Aviation Administration facilities.

and mean annual snowfall is about 2,570 mm (Leslie, 1989). Mean monthly and annual temperature, precipitation, and snowfall for Kenai are summarized in table 1.

Table 1. Mean monthly and annual temperature, precipitation, and snowfall, 1943-87, Kenai, Alaska.

[Modified from Leslie (1989); °C, degree Celsius; mm, millimeter]

	Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sept.	Oct.	Nov.	Dec.	Annual
					Т	emperatur	e ( <sup>O</sup> C)						
Mean maximum <sup>1</sup>	-6.1	-3.1	0.2	5.2	11.1	14.3	16.4	16.3	12.8	5.8	-1.3	-5.8	5.5
Mean minimum <sup>2</sup>	-15.8	-14.0	-11.1	-4.2	1.5	5.6	8.2	7.4	3.6	-2.4	-9.9	-14.7	-3.8
Mean	-10.9	-8.6	-5.4	0.5	6.3	9.9	12.3	11.8	8.2	1.7	-5.6	-10.2	0.8
				Precipita	tion, in n	nillimeters	of moistu	ıre					Total
	27	26	24	22	23	31	50	67	83	60	36	33	482
					Snowfall,	in millime	ters						Total
	671	503	417	91	0.0	0.0	0.0	0.0	0.0	31	269	589	2,571

<sup>&</sup>lt;sup>1</sup>Record maximum, 33.9 °C, June 1969.

#### Vegetation

Most of the Kenai FAA facilities are in poorly drained wetland and muskeg areas with vegetation consisting of mosses, sedges, grasses, black spruce, and dwarf arctic birch, a lowspreading deciduous shrub (Viereck and Little, 1972). White and black spruce, birch, willow, and balsam poplar cover drier upland slopes near Kenai (U.S. Soil Conservation Service, 1962; Viereck and Little, 1972).

#### **Geology and Soils**

The Kenai Lowland is underlain by bedrock consisting of metamorphosed shale, greenstone, and conglomerate rocks of Permian age, limestone of Silurian and Devonian age, and siltstone, sandstone, claystone, and coal of Upper Triassic to Upper Cretaceous age (R.L. Glass, U.S. Geological Survey, written commun., 1995; Karlstrom, 1964; Kelley, 1985; Kremer and Standicky, 1985). Along the northwestern shore of the Kenai Peninsula near the Kenai Airport, Tertiary sedimentary bedrock is more than 150 m below the land surface (Reger, 1985), but is exposed along beach cliffs and road cuts near the southwest end of the lowland (Karlstrom, 1964).

The principal surficial materials near Kenai include old beach terrace and coastal plain deposits, glacial-outwash deposits, and glacial moraine (Karlstrom, 1958 and 1964; Reger, 1985). Well-drained terrace and coastal-plain deposits consisting of stratified silt, sand, and gravel of glaciolacustrine and glaciofluvial origin, border the principal rivers on the Kenai Lowland. Within these deposits, fine- to coarse-grained sand is predominant to a depth of about 8 m, and blue-gray silt with sand and gravel lenses are present at depths greater than 8 m (Karlstrom, 1958). Outwashplain deposits consist mainly of well-sorted sand and gravel that was deposited in front of advancing glaciers (Nelson, 1981). Morainal belts near Kenai consist of stratified silt, sand, and gravel. These deposits typically are underlain by till consisting of poorly sorted pebbles, cobbles, and sandstone boulders in a matrix of sandy silt (Karlstrom, 1958). Most of the surficial deposits

<sup>&</sup>lt;sup>2</sup>Record minimum, -44.4 °C, February 1947.

near Kenai are mantled by wind-blown silt (loess) 1-3 m thick (Karlstrom, 1958). Lithologies of sediments representing the ground-water system near the Kenai Airport are given in figure 3. Permafrost has not been reported in the Kenai area (Ferrians, 1965; Williams, 1970).

#### **HYDROLOGY**

#### **Surface Water**

The topography of the Kenai Lowland is hummocky, and drainages are poorly defined and poorly integrated (Reger, 1985). Lakes, marshes, and areas of muskeg cover more than one-third of the Kenai Lowland. Skilak Lake (fig. 1) occupies a glacially scoured bedrock basin and acts as a natural reservoir to store water (Anderson and Jones, 1972). Such natural reservoirs typically act as buffers to high precipitation and runoff events and their net effect is to reduce peak streamflows and to increase low flows.

Several non-glacial streams originate in the upland areas on the Kenai Peninsula. Beaver Creek is the closest nonglacial tributary of the Kenai River to the Kenai FAA facilities. It flows from north to south about 6.4 km east of the city of Kenai (fig. 2). The creek drains an area of about 130 km<sup>2</sup> and has an average annual runoff of about 0.005 (m<sup>3</sup>/s)/km<sup>2</sup>, measured at USGS streamflow-gaging station 15266500, Beaver Creek near Kenai (U.S. Geological Survey, 1995). Peak flows in nonglacial streams generally occur during spring snowmelt and during periods of heavy rainfall in late summer and fall

The Kenai River is a glacial river. Its runoff characteristics differ significantly from non-glacial rivers. It derives most of its discharge from the snowfields and glaciers of the Kenai Mountains (fig. 1; Anderson and Jones, 1972). The river originates at the outlet of Kenai Lake (fig. 1). It flows from east to west and empties into Cook Inlet about 1.5 km south of the Kenai Airport. The river drains an area of more than 5,200 km² and has an average annual runoff of about 0.03 (m³/s)/km², measured at U.S. Geological Survey streamflow-gaging station 15266300, Kenai River at Soldotna (U.S. Geological Survey, 1995). Peak flows in the Kenai River commonly occur during periods of intense melting in mid-summer but have also resulted from the release of glacially impounded water in headwater tributaries during any season (Post and Mayo, 1971). Low flows for both glacial Kenai River and non-glacial Beaver Creek typically occur during the winter; however, low flows in nonglacial streams may also occur during the summer when evapotranspiration is high and precipitation is low (Anderson and Jones, 1972). During periods of low flow, nonglacial streams are sustained by inflow from ground-water sources and lakes, and Kenai River is sustained primarily by outflow from the larger lakes.

#### **Floods**

Flooding on the Kenai Peninsula has occurred as a result of heavy precipitation, snow and ice melt, storm surges during high tide, and earthquake-induced tsunamis (Federal Emergency Management Agency, 1980). In addition, outburst flooding from the release of glacier-dammed lakes occurs regularly on the Kenai River (table 2; Post and Mayo, 1971; U.S. Army Corps of Engineers, 1973). This type of flooding occurs when dammed lakes in the upper basin are suddenly released. When flooding occurs during the winter, the increase in flow can raise and destroy the ice cover, resulting in icejams and subsequent backwater flooding. In August 1977, a 20-year flood

Surficial, unconfined, or shallow aquifer	Sand and gravel, silt and peat. Commonly overlain by silt or peat. Thickness of surficial deposits 6 to 30 meters.
Confining unit	Clay, silt, poorly sorted clayey gravel, complexly interbedded; low permeability. Composed of estuarine, ice-contact, and glaciomarine deposits 6 to 30 meters thick. Rare permeable and water-bearing lenses of sand and gravel.
Principal artesian or confined aquifer	Sand, gravel, silt, and clay, complexly interbedded. Includes principal artesian aquifers. Aquifers from a few to 30 meters thick, absent in some places.
Confining unit with discontinuous water-bearing zones	Clay, silt, fine silty sand; complexly interbedded; moderate to low permeability. Contains thin, discontinuous permeable and water-bearing lenses of sand.
Minor aquifer	Kenai Group, interbedded sand, silt, clay, and coal. Contains water-bearing strata generally of low permeability.

**Figure 3.** A lithology of sediments representing the ground-water system near the Kenai Airport (modified from Anderson and Jones, 1972).

occurred. In September; the release of a glacier-dammed lake caused a newly identified 20-year flood (table 2; Federal Emergency Management Agency, 1980). The peak discharge recorded on September 9, 1977 for the Kenai River was about 950 m<sup>3</sup>/s (Jones and Fahl, 1994). Flooding by the Kenai River or by storm surge and tsunami waves has never occurred at the Kenai Airport which lies at about 25 m above sea level. However, local flooding in small streams and drainage ditches during periods of heavy precipitation may be of concern to the airport and the FAA facilities. No investigation of local topography or potential for this type of flooding has been documented.

**Table 2.** Floods of record on the Kenai River [Modified from Federal Emergency Management Agency, 1980]

Year	Flooding Conditions		
1911	Glacial outburst flooding occurred in December.		
1964	Ice-jam flooding in September caused five families to evacuate their homes.		
1967	Ice-jam flooding caused 81 people to evacuate their homes; docks, seaplanes, and many homes and businesses were damaged.		
1969	Glacial outburst flooding in January caused ice jams with extensive flooding and damage.		
1974	Ice-jam flooding washed out docks and flooded several homes; during autumn, glacial outburst flooding caused minor damage.		
1977	20-year flood in August; glacial outburst caused a 20-year flood in September.		

#### **Ground Water**

Almost all of the ground water used near Kenai is from unconsolidated aquifers consisting of complexly interlayered deposits of glacial-outwash, lacustrine, fluvial, and eolian sediments (R.L. Glass, U.S. Geological Survey, written commun.,1995). The lacustrine and eolian (silty loess) deposits typically are fine grained and provide little water to wells. Glacial till also contains fine-grained silt and clay, but local saturated zones of sand and gravel are present that yield water to wells at rates sufficient for domestic purposes (R.L. Glass, U.S. Geological Survey, written commun., 1995). Deposits of stratified stream-laid sand and gravel are present within the till and can be several meters thick. The maximum thickness of the unconsolidated sediments near the Kenai Airport is about 150 m. Wells completed in glacial or stream deposits having thick saturated zones of sand and gravel may yield water at rates greater than 60 L/s (R.L. Glass, U.S. Geological Survey, written commun., 1995).

North of the city of Kenai thick layers of silt and clay are present within the unconsolidated sediments, creating confining conditions (Nelson, 1981; R.L. Glass, U.S. Geological Survey, written communication, 1995). Near Nikiski, (fig. 1) two extensive silt and clay layers separate three aquifers (fig. 3). This aquifer system becomes more fine-grained toward the airport and is less capable of providing large volumes of water to wells. The top of the upper confining bed is about 30 m below the land surface and the top of the lower confining bed is about 60 m below the land

surface. Few wells have been drilled through the lower silt and clay layer which is more than 30 m thick (Appendix 1).

Public-supply, commercial, industrial, and domestic wells typically are drilled to depths necessary to yield water at rates sufficient for their water use (Appendix 1; R.L. Glass, U.S. Geological Survey, written commun., 1995). Near Kenai, the median well depth of domestic wells is 20 m and the median depth to water is 10 m. The median values of yield for public supply, commercial, and domestic wells near the FAA facilities are 3, 2, and 1 L/s, respectively (R.L. Glass, U.S. Geological Survey, written communication, 1995). North of the city of Kenai, the maximum reported yield is about 250 L/s from a 100-meter deep industrial well completed in the lower confined aguifer (R.L. Glass, U.S. Geological Survey, written communication, 1995).

The local unconfined aquifer system is recharged by infiltration of precipitation and snowmelt and by seepage from surface-water bodies (Anderson and Jones, 1972). Recharge from infiltration of precipitation and snowmelt near Kenai is about 10 to 40 cm/yr (Anderson and Jones, 1972). Ground water is discharged naturally from the unconfined aquifer through seeps or springs, as baseflow to streams, and by evapotranspiration (Anderson and Jones, 1972). Numerous seeps are present along the sea cliffs near Kenai and several springs feed the Kenai River (fig. 4; Anderson and Jones, 1972). Water from the confined aquifers is discharged by vertical leakage through the confining layers or by submarine discharge to Cook Inlet (fig. 4; Anderson and Jones, 1972). On a regional scale, ground water flow moves in an east-west direction through the aquifer system from topographically high areas toward topographically lower areas (fig. 4; Anderson and Jones, 1972; Nelson, 1981).

Water in the western part of the Kenai Peninsula is typically calcium magnesium bicarbonate type (R.L. Glass, U.S. Geological Survey, written commun., 1995). Analyses of water samples from several wells indicate water ranging from excellent quality (low concentrations of dissolved solids) to marginal quality (high concentrations of dissolved solids and some constituents exceeding U.S. Environmental Protection Agency (USEPA) and Alaska Department of Environmental Conservation (ADEC) drinking-water regulations) (Appendix 2; Alaska Department of Environmental Conservation, 1995; U.S. Environmental Protection Agency, 1995; R.L. Glass, U.S. Geological Survey, written commun., 1995).

In general, poorer quality water is found near the coast. Concentrations of arsenic in water from 9 of 113 wells exceeded the USEPA maximum contaminant level (MCL) of 50 µg/L (Appendix 2). Water from 46 percent of wells sampled contained concentrations of iron exceeding the USEPA secondary MCL and 64 percent of wells contained concentrations of manganese exceeding the secondary MCL (Appendix 1). Brackish and saline waters may be present at depths greater than 130 m (R.L. Glass, U.S. Geological Survey, written communication, 1995).

#### **DRINKING WATER**

The public water system for the city of Kenai is supplied by two artesian wells located near Beaver Creek (R.L. Glass, U.S. Geological Survey, written communication, 1995). The water is treated and distributed through a piped system to about 2,000 residential establishments and about 200 commercial establishments. Water quality in the western part of the Kenai Peninsula, prior to treatment, varies from excellent quality low in dissolved solids and potentially harmful trace

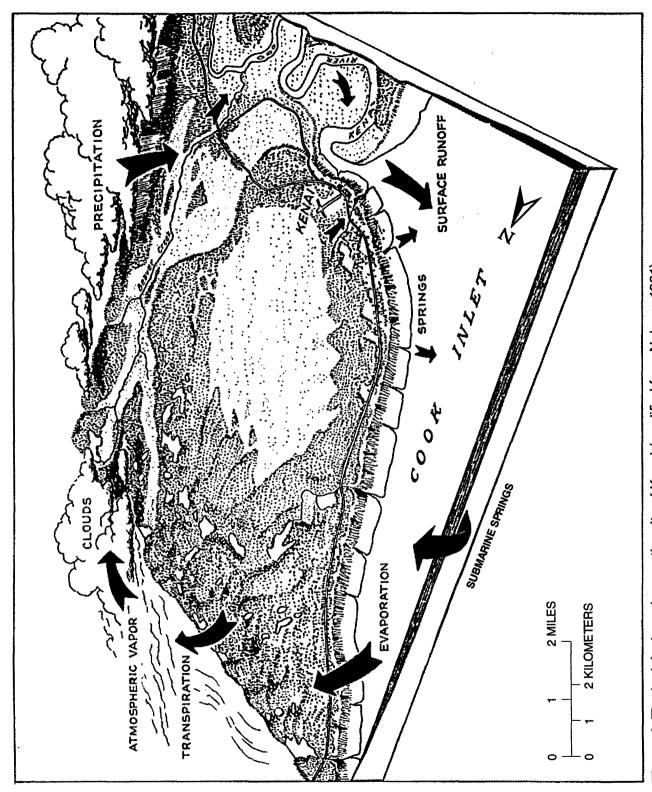


Figure 4. The hydologic cycle near the city of Kenai (modified from Nelson, 1981).

constituents to marginal quality high in dissolved solids and meeting or exceeding established regulations for several constituents (Appendix 2; Roy L. Glass, U.S. Geological Survey, written commun., 1995).

Private wells provide water to the rest of the city (U.S. Bureau of Census, 1991). In 1990, mean daily water use in the city of Kenai was about 1.2 million L/d (U.S. Bureau of Census, 1991).

A large source of untapped water near the FAA facilities is the Kenai River. However, because the river provides important habitat for anadromous fish and supplies numerous other uses, restriction on the amount of water withdrawn for drinking water are in place. Additionally, treatment of the high concentrations of glacial sediment in the water would be required. Other potential sources of drinking water include uncontaminated ground water from confined aquifers and small local streams.

#### **SUMMARY**

The city of Kenai is on the eastern shore of Cook Inlet in south-central Alaska, about 100 km southwest of Anchorage and 15 km northwest of Soldotna. Kenai has a transitional climate influenced by the mild maritime climate of Cook Inlet and the continental climate of interior Alaska. Shrub and black spruce forested wetlands cover low-lying areas and spruce, birch, and willow cover upland slopes. Bedrock, typically found at depths greater than 150 m near the Kenai airport, consists of weakly consolidated conglomerate, siltstone, sandstone, claystone, and coal. The principal surficial materials near Kenai include old beach terrace and coastal plain deposits, glacial-outwash deposits, and glacial moraine deposits. Lakes, marshes, and areas of muskeg cover more than one-third of the Kenai Lowland and both nonglacial and glacial streams drain the area.

Ground water is the principal water source for residents and businesses in the Kenai Lowland and is available from both unconfined and confined aquifers. The Kenai River represents an alternative water source, but water withdrawal restrictions and high concentrations of suspended sediment may limit its use. Additional potential sources of drinking water include uncontaminated ground water from confined aquifers and small local streams,

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#### **APPENDIX 1**

Well data for ground water within a 4-mile radius of the Kenai FAA facilities

Data are available in machine-readable format from: District Chief, U.S. Geological Survey, 4230 University Dr., Suite 201, Anchorage, AK 99508-4664

#### WELLS WITHIN 4 MI RADIUS OF KENAI FAA FACILITIES

C001	Site ID (station number)	603650151114501
C004	Source agency code	USGS
C009	Latitude	603650
C010	Longitude	1511145
C012	Local well number	SB00601115BCAD1 001
C013	Land-net location	NESWNWS15 T006N R011W S
C014	Name of location map	KENAI C-3
C015	Scale of location map	63360
C016	Altitude of land surface	123.00
C017	Method altitude determined	M
C019	Topographic setting	L
C027	Hole depth	92.0
C028	Depth of well	90.0
C030	Water level	3.00
C031	Date water level measured	19680822
C060	Date of construction	19680817
C063	Name of contractor	USGS
C065	Method of construction	В
C066	Type of finish	S
C068	Depth to bottom of seal	0
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	92.0
C075	Diameter of this interval	2.00
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-4.00
C078	Depth to bottom of this casing string	87.0
C079	Diameter of this casing string	2.00
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	87.0 90.0
C084 C085	Depth to bottom of this open interval  Type of openings in this interval	50.0 S
C760	Record type for OPEN subrecord of CONS file	OPEN
C321	Begin date for use of this measuring point	19680822
C323	Height of this measuring point	5.00
C148	Date discharge measured	19680817
C150	Discharge Medbared	15.0
C151	Source of discharge data	S
C152	Method discharge measured	V
C703	Discharge type	P
C159	Date of ownership	19680817
C161	Owner	USGS KENAI
C190	Other identifier	10111
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C193	Date of water-quality measurement	19680817
C196	Water-quality parameter code	00095
C197	Value of water-quality parameter	142
C193	Date of water-quality measurement	19680817
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	4.0
C776	Record type for QUAL subrecord of MISC file	QUAL
C199	Type of log	D
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	92.0
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C115	Begin year of data collection	1968
C116	End year of data collection	1968
C117	Source agency for network data	USGS

```
C118
       Frequency of data collection
                                                         0
C120
       Type of analyses - OW network
                                                         R
C706
       Network data type -miscellaneous
                                                         OW
                                                          1968
C115
       Begin year of data collection
                                                          1968
C116
       End year of data collection
                                                         USGS
C117
       Source agency for network data
C118
       Frequency of data collection
C706
       Network data type -miscellaneous
                                                         WL
C780
       Record type for NETW subrecord of MISC file
                                                         NETW
C184
       Remark-date
                                                          19790917
C185
       Remarks -misc
                                             1 HACH FIELD TESTS: IRON=2000UG/L,
C788
       Record type for RMKS subrecord of MISC file
                                                         RMKS
C184
                                                         19790917
       Remark-date
                                                  2 PH=7.0, HARDNESS=68 MG/L
C185
       Remarks -misc
C788
       Record type for RMKS subrecord of MISC file
                                                         RMKS
                                                              5.00
C091
       Depth to top of interval
       Depth to bottom of interval
                                                             17.0
C092
C093
       Aquifer code
                                                         110QRNR
C096
       Lithology code
                                                         SILT
C097
       Description of material
                                                         SNDY, PEAT
C304
       Contributing unit
                                                         ΤT
       Record type for GEOH subrecord of GEOH file
C748
                                                         GEOH
C091
       Depth to top of interval
                                                             17.0
C093
       Aquifer code
                                                          1100RNR
C096
       Lithology code
                                                          SAND
                                                         MEDIUM
C097
       Description of material
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                         GEOH
C095
       Aquifer date -geo
                                                          19680822
                                                             3.00
C126
       Aquifer-static-level
       Aquifer contribution
                                                         100
C132
C235
                                                          19680822
       Water-level measurement date
C237
       Water level
                                                             1.84
C235
       Water-level measurement date
                                                          19680910
C237
       Water level
                                                             2.84
                                                          19681002
C235
       Water-level measurement date
C237
       Water level
                                                             2.27
       Water-level measurement date
                                                          19681010
C235
C237
       Water level
                                                             1.50
C235
       Water-level measurement date
                                                          19681017
C237
       Water level
                                                             1.74
                                                          19681023
C235
       Water-level measurement date
C237
       Water level
                                                             2.22
                                                          19681120
C235
       Water-level measurement date
C237
       Water level
                                                             3.32
                                                             603646151173701
C001
       Site ID (station number)
C002
       Type of site
                                                         W
                                                         11
C003
       Record classification
                                                          USGS
C004
       Source agency code
C005
                                                          KENAI ERJ
       Project number
C009
                                                           603646
       Latitude
C010
       Longitude
                                                           1511737
C011
       Lat-long accuracy code
C012
       Local well number
                                                          SB00601213ADBD1 001
C013
       Land-net location
                                                          NWSENES13 T006N R012W S
                                                          KENAI C-4SE NK28
C014
       Name of location map
                                                            25000
C015
       Scale of location map
                                                               103
C016
       Altitude of land surface
C017
       Method altitude determined
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          19891014
C021
       Date well constructed
C023
       Primary use of site
```

```
C024
       Primary use of water
                                                              9.61
C027
       Hole depth
C028
       Depth of well
                                                              9.61
C029
       Source of depth data
                                                             5.53
C030
       Water level
                                                          19891014
C031
       Date water level measured
C033
       Source of water-level data
       Method water level measured
C034
                                                          SB00601213ADBD1 001
C900
       Station name
C060
       Date of construction
                                                          19891014
       Name of contractor
                                                          UNKNOWN
C063
C066
       Type of finish
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
                                                                 0
C073
       Depth to top of this interval
C074
       Depth to bottom of this interval
                                                              9.61
C075
       Diameter of this interval
                                                              6
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
       Depth to top of this casing string
C077
C078
       Depth to bottom of this casing string
                                                              9.61
C079
       Diameter of this casing string
                                                              6
C080
       Casing material
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                          19891014
C159
       Date of ownership
                                                  USAF WILDWOOD AIR FORCE STATION
C161
       Owner
C190
       Other identifier
                                                          WILDWOOD
                                                          MILITARY RESERV
C191
       Assignor of other identifier
C190
       Other identifier
                                                          164GW
C191
       Assignor of other identifier
                                                          WELL POINT 1
                                            SOURCE INFORM ECOLOGY&ENVIRONMENT INC
C185
       Remarks -misc
                                                 1989 FIELD INVESTIGATION REPORT
C185
       Remarks -misc
C185
       Remarks -misc
                                     PHASE II SITE INVESTIGATION FORMER DOD SITE
       Remarks -misc
                                             WTR IS HIGHLY TURBID, BRN, NO ODOR
C185
                                     PVC CSNG WRAPPED W/CLOTH TO PREVENT SILTING
C185
       Remarks -misc
                                                              603623151165501
C001
       Site ID (station number)
C002
       Type of site
C003
       Record classification
                                                          U
                                                          USGS
C004
       Source agency code
C009
       Latitude
                                                           603623
C010
       Longitude
                                                           1511655
C011
       Lat-long accuracy code
                                                          SB00601118CBDC1 002
C012
       Local well number
                                                          SENWSWS18 T006N R011W S
C013
       Land-net location
                                                          KENAI C-3
C014
       Name of location map
                                                          63360
C015
       Scale of location map
                                                             98.00
C016
       Altitude of land surface
C017
       Method altitude determined
                                                          М
C018
       Altitude accuracy
                                                           25
       Topographic setting
C019
                                                          19020302
C020
       Hydrologic unit code
                                                          19520801
C021
       Date well constructed
C023
       Primary use of site
                                                          W
                                                          С
C024
       Primary use of water
                                                              95.0
C027
       Hole depth
       Depth of well
                                                              95.0
C028
C030
       Water level
                                                             6.00
                                                          19520801
C031
       Date water level measured
C033
       Source of water-level data
C900
       Station name
                                                          SB00601118CBDC1 002
C060
       Date of construction
                                                          195208
       Name of contractor
                                                          UNKNOWN
C063
C064
       Source of construction data
                                                             0
C068
       Depth to bottom of seal
       Record type for CONS subrecord of CONS file
C754
                                                          CONS
```

C073	Depth to top of this interval		.00
C074	Depth to bottom of this interval		95.0
C075	Diameter of this interval		12.0
C756	Record type for HOLE subrecord of CONS i	file	HOLE
C150	Discharge		267
C151	Source of discharge data		D
C152	Method discharge measured		E
C703	Discharge type		P
C159	Date of ownership		195208
C161	Owner	,	WILDWOOD STA 3
C190	Other identifier		10459
C191	Assignor of other identifier		AKRG
C190	Other identifier		UNCONSOL
C191	Assignor of other identifier		UNCONFINED
C190	Other identifier	:	NO.03
C191	Assignor of other identifier	1	WILDWOOD STA
C187	Date of visit		19600322
C188	Person who made visit		CRANDALL G
C774	Record type for VIST subrecord of MISC i	file	VIST
C193	Date of water-quality measurement		19600322
C195	Aquifer sampled		112NPTN
C196	Water-quality parameter code		00010
C197	Value of water-quality parameter		4.0
C776	Record type for QUAL subrecord of MISC t	file	QUAL
C199	Type of log		D
C200	Depth to top of logged interval		.00
C201	Depth to bottom of logged interval		94.0
C202	Source of log data		D
C778	Record type for LOGS subrecord of MISC	file	LOGS
C115	Begin year of data collection		1960
C116	End year of data collection		1960
C117	Source agency for network data		USGS
C118	Frequency of data collection		0
C120	Type of analyses - QW network		Н
C706	Network data type -miscellaneous		QW
C780	Record type for NETW subrecord of MISC	file	NETW
C091	Depth to top of interval		6.00
C092	Depth to bottom of interval		94.0
C093	Aquifer code		112NPTN
C096	Lithology code		SAND
C097	Description of material		SLTY GLY FN O CK
C304	Contributing unit		P
C748	Record type for GEOH subrecord of GEOH	file	GEOH
C749	Last update for GEOH subrecord of GEOH	file	19860314
C095	Aquifer date -geo		195208
C126	Aquifer-static-level		6.00
C132	Aquifer contribution		100
C001	Site ID (station number)		603623151170301
C002	Type of site		W
C003	Record classification		С
C004	Source agency code		USGS
C009	Latitude		603623
C010	Longitude		1511703
C011	Lat-long accuracy code		T
C012	Local well number		SB00601118CCAD1 001
C013			NESWSWS18 T006N R011W S
	Land-net location		
C014	Land-net location Name of location map		KENAI C-4
C014 C015			KENAI C-4 63360
	Name of location map		
C015	Name of location map Scale of location map		63360
C015 C016	Name of location map Scale of location map Altitude of land surface		63360 101.90
C015 C016 C017	Name of location map Scale of location map Altitude of land surface Method altitude determined		63360 101.90 L

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19661013
C021
       Date well constructed
C023
       Primary use of site
                                                          W
C024
       Primary use of water
                                                          N
                                                               70.0
C027
       Hole depth
C028
       Depth of well
                                                               65.8
                                                              5.50
C030
       Water level
C031
       Date water level measured
                                                           19661019
C033
       Source of water-level data
       Method water level measured
C034
                                                           SB00601118CCAD1 001
C900
       Station name
C038
       Date lift data collected
                                                           19690218
C043
       Type of lift
C045
       Type of power
C752
       Record type for LIFT subrecord of CONS file
                                                           LIFT
                                                           19661014
C060
       Date of construction
C063
       Name of contractor
                                                           USCE
C064
       Source of construction data
                                                           Α
                                                          R
C065
       Method of construction
                                                           S
C066
       Type of finish
C068
                                                              0
       Depth to bottom of seal
C069
       Method of development
                                                           S
                                                            10
C070
       Hours of development
C754
       Record type for CONS subrecord of CONS file
                                                           CONS
       Depth to top of this interval
                                                                .00
C073
                                                              70.0
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                            8.00
       Record type for HOLE subrecord of CONS file
                                                           HOLE
C756
                                                                .00
C077
       Depth to top of this casing string
                                                              59.9
C078
       Depth to bottom of this casing string
C079
       Diameter of this casing string
                                                            8.00
                                                           S
C080
       Casing material
C758
       Record type for CSNG subrecord of CONS file
                                                           CSNG
C077
       Depth to top of this casing string
                                                              59.9
C078
       Depth to bottom of this casing string
                                                              60.8
                                                            8.00
C079
       Diameter of this casing string
C080
                                                           М
       Casing material
       Record type for CSNG subrecord of CONS file
                                                           CSNG
C758
C083
       Depth to top of this open interval
                                                              60.8
C084
                                                              65.8
       Depth to bottom of this open interval
C085
       Type of openings in this interval
                                                           R
C086
       Material in this interval
                                                             .080
C088
       Width of openings
C760
       Record type for OPEN subrecord of CONS file
                                                           OPEN
C321
       Begin date for use of this measuring point
                                                           19690218
C323
       Height of this measuring point
                                                             2.10
                                                           MPNT
C766
       Record type for MPNT subrecord of CONS file
                                                           19860314
C767
       Last update for MPNT subrecord of CONS file
                                                           19680218
C148
       Date discharge measured
                                                               244
C150
       Discharge
       Source of discharge data
                                                           R
C151
       Method discharge measured
C152
                                                              47.1
C153
       Production level
                                                              11.1
C154
       Static water level
C155
       Source of water-level data
                                                              31.0
C157
       Duration of discharge before producing level
C272
       Specific capacity -disch
                                                               6.78
                                                              36.0
C309
       Water-level drawdown
       Discharge type
C703
C159
       Date of ownership
                                                           19661013
C161
       Owner
                                                           WILDWOOD STA 16A
C190
                                                           10457
       Other identifier
C191
       Assignor of other identifier
                                                           AKRG
C190
       Other identifier
                                                           16A
C191
        Assignor of other identifier
                                                           USCE
                                                           UNCONSOL
C190
       Other identifier
```

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C191
       Assignor of other identifier
                                                         CONFINED
                                                         OTHER QW
C181
       Other data type
C182
       Other data location
                                                         D
C261
       Format of other data
C199
       Type of log
C200
       Depth to top of logged interval
                                                               .00
                                                            70.0
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                         LOGS
C778
       Record type for LOGS subrecord of MISC file
                                                         1967
C115
       Begin year of data collection
C116
       End year of data collection
                                                         1967
                                                         USGS
C117
       Source agency for network data
       Frequency of data collection
C118
                                                         0
C120
       Type of analyses - QW network
                                                         R
       Network data type -miscellaneous
C706
                                                         OW
       Sequence number for SPEC subrecord of MISC file
C730
                                                           1
C780
       Record type for NETW subrecord of MISC file
                                                         NETW
                                                         1968
C115
       Begin year of data collection
                                                         1968
C116
       End year of data collection
C118
       Frequency of data collection
C120
       Type of analyses - QW network
C706
       Network data type -miscellaneous
                                                         OW
C780
       Record type for NETW subrecord of MISC file
                                                         NETW
                                                          1966
C115
       Begin year of data collection
                                                          1970
C116
       End year of data collection
                                                         USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          Ι
                                                         WL
C706
       Network data type -miscellaneous
C780
       Record type for NETW subrecord of MISC file
                                                         NETW
                                                          19790917
C184
       Remark-date
                                                          1 HOLE BACKFILLED
C185
       Remarks -misc
                                                         2 WITHDRAWAL LIMITED AS
C185
       Remarks -misc
                                                          3 DISCUSSED IN USA F&M
       Remarks -misc
C185
                                            4 06/05/1969 REDEVELOPED 31 HOURS
       Remarks -misc
C185
C091
       Depth to top of interval
                                                             58.0
                                                             65.0
C092
       Depth to bottom of interval
                                                          1100RNR
C093
       Aguifer code
C096
       Lithology code
                                                          SAND
C097
       Description of material
                                                          GRAVELLY
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                          19661019
C095
       Aquifer date -geo
                                                             5.50
C126
       Aquifer-static-level
                                                          100
C132
       Aquifer contribution
                                                          AOFR
C750
       Record type for AQFR subrecord of GEOH file
C751
       Last update for AQFR subrecord of GEOH file
                                                          19860314
C235
       Water-level measurement date
                                                          19661019
                                                             5.5
C237
       Water level
       Water-level measurement date
                                                          19690219
C235
C237
       Water level
                                                            11.9
                                                          19700126
C235
       Water-level measurement date
                                                            13.23
       Water level
C237
                                                              603623151171301
C001
       Site ID (station number)
C002
       Type of site
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                          KENAI ERJ
C005
       Project number
C009
                                                           603623
       Latitude
                                                           1511713
C010
       Longitude
       Lat-long accuracy code
C011
                                                          SB00601118CCBA1 003
C012
       Local well number
       Land-net location
                                                          NWSWSWS18 T006N R011W S
C013
                                                          KENAI C-4SE NK29
C014
       Name of location map
```

```
C015
                                                            25000
       Scale of location map
C016
       Altitude of land surface
                                                               103
C017
       Method altitude determined
                                                         М
C018
       Altitude accuracy
                                                          10
C020
       Hydrologic unit code
                                                          19020302
                                                         19891014
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                         IJ
C027
                                                              9.70
       Hole depth
C028
       Depth of well
                                                              9.70
C029
       Source of depth data
                                                              4.4
C030
       Water level
                                                          19891014
C031
       Date water level measured
C033
       Source of water-level data
C034
       Method water level measured
                                                         SB00601118CCBA1 003
C900
       Station name
                                                          19891014
C060
       Date of construction
                                                          UNKNOWN
C063
       Name of contractor
C064
       Source of construction data
C066
       Type of finish
C754
       Record type for CONS subrecord of CONS file
                                                         CONS
C073
       Depth to top of this interval
                                                                 Λ
                                                              9.70
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                              6
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C077
       Depth to top of this casing string
                                                              9.70
C078
       Depth to bottom of this casing string
C079
       Diameter of this casing string
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
       Date of ownership
C159
                                                          19891014
C161
       Owner
                                              USAF WILDWOOD AIR FORCE STATION
                                                         WILDWOOD
C190
       Other identifier
                                                         MILITARY RESERV
C191
       Assignor of other identifier
C190
                                                          167GW
       Other identifier
C191
                                                         WELL POINT 3
       Assignor of other identifier
       Remarks -misc
C185
                                       SOURCE INFORM ECOLOGY&EVIRONMENT INC
C185
       Remarks -misc
                                            1989 FIELD INVESTIGATION REPORT
                                    PHASE II SITE INVESTIGATION FORMER DOD SITE
C185
       Remarks -misc
C185
       Remarks -misc
                                            FIELD OW PH 5.8, COND 100, TEMP 44.8F
C185
       Remarks -misc
                                       WELL PURGED 10 GAL, WTR IS BRN IN COLOR
                                                         ON APPARENT ODOR
C185
       Remarks -misc
C001
                                                             603550151174401
       Site ID (station number)
                                                         W
C002
       Type of site
                                                         U
C003
       Record classification
                                                          USGS
C004
       Source agency code
C005
       Project number
                                                          KENAI ERJ
C009
       Latitude
                                                           603550
       Longitude
C010
                                                           1511744
C011
       Lat-long accuracy code
                                                          SB00601224ADCC1 003
C012
       Local well number
C013
       Land-net location
                                                          SWSENES24 T006N R012W S
C014
       Name of location map
                                                          KENAI C-4SE KR01
                                                            25000
C015
       Scale of location map
                                                                90
C016
       Altitude of land surface
C017
       Method altitude determined
                                                          М
C018
                                                           10
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
C021
       Date well constructed
                                                          19891014
C023
       Primary use of site
                                                          IJ
C024
       Primary use of water
                                                              9.40
C027
       Hole depth
                                                              9.40
C028
       Depth of well
C029
       Source of depth data
```

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5 52
C030
       Water level
                                                          19891014
       Date water level measured
C031
       Source of water-level data
C033
       Method water level measured
C034
                                                          SB00601224ADCC1 003
C900
       Station name
C060
       Date of construction
                                                          19891014
                                                          UNKNOWN
C063
       Name of contractor
                                                          7.
C064
       Source of construction data
C066
       Type of finish
                                                          0
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
C073
       Depth to top of this interval
                                                              9.40
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C077
       Depth to top of this casing string
                                                                 O
                                                              9.40
C078
       Depth to bottom of this casing string
C079
       Diameter of this casing string
                                                              4
                                                          CSNG
C758
       Record type for CSNG subrecord of CONS file
C159
       Date of ownership
                                                          19891014
C161
       Owner
                                                  USAF WILDWOOD AIR FORCE STATION
                                                          WILDWOOD
C190
       Other identifier
                                                          MILITARY RESERV
C191
       Assignor of other identifier
C190
       Other identifier
                                                          166GW
                                                          WELL POINT 2
C191
       Assignor of other identifier
                                        SOURCE OF INFORM ECOLOGY&ENVIRONMENT INC
C185
       Remarks -misc
C185
       Remarks -misc
                                          1989 FIELD INVESTIGATION REPORT
                                      PHASE II SITE INVESTIGATION FORMER DOD SITE
C185
       Remarks -misc
                                                          PURGED 8 GAL
C185
       Remarks -misc
C001
       Site ID (station number)
                                                              603511151133002
                                                          W
C002
       Type of site
C003
       Record classification
                                                          Ħ
C004
       Source agency code
                                                          USGS
                                                           603511
C009
       Latitude
                                                           1511330
       Longitude
C010
C011
       Lat-long accuracy code
                                                          SB00601128BBDA2 001
C012
       Local well number
C013
       Land-net location
                                                          SENWNWS28 T006N R011W S
                                                          KENAI C-4
C014
       Name of location map
       Scale of location map
                                                          63360
C015
C016
       Altitude of land surface
                                                            100.00
C017
       Method altitude determined
                                                          М
C018
       Altitude accuracy
                                                           13
                                                          T
C019
       Topographic setting
                                                          19020302
C020
       Hydrologic unit code
                                                          19680821
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                              65.0
C027
       Hole depth
C028
       Depth of well
                                                              65.0
                                                             3.16
C030
       Water level
                                                          19680822
C031
       Date water level measured
C033
       Source of water-level data
C034
       Method water level measured
                                                          SB00601128BBDA2 001
C900
       Station name
C060
       Date of construction
                                                          19680821
                                                          USGS
C063
       Name of contractor
       Source of construction data
                                                          S
C064
       Method of construction
                                                          R
C065
C066
       Type of finish
                                                          S
                                                             0
C068
       Depth to bottom of seal
       Record type for CONS subrecord of CONS file
                                                          CONS
c754
C073
       Depth to top of this interval
                                                                .00
                                                             65.0
C074
       Depth to bottom of this interval
```

```
C075
       Diameter of this interval
                                                           2.00
C756
       Record type for HOLE subrecord of CONS file
                                                           HOLE
C077
       Depth to top of this casing string
                                                              -2.50
C078
       Depth to bottom of this casing string
                                                             62.0
C079
                                                           2.00
       Diameter of this casing string
C758
                                                          CSNG
       Record type for CSNG subrecord of CONS file
C083
       Depth to top of this open interval
                                                             62.0
C084
       Depth to bottom of this open interval
                                                              65.0
C085
       Type of openings in this interval
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
                                                          19690409
C321
       Begin date for use of this measuring point
                                                             4.00
C323
       Height of this measuring point
C766
       Record type for MPNT subrecord of CONS file
                                                          MPNT
C159
                                                           19680821
       Date of ownership
                                                          USGS KENAI
C161
       Owner
C190
       Other identifier
                                                           10155
C191
       Assignor of other identifier
                                                          AKRG
C190
       Other identifier
                                                          UNCONSOL
C191
       Assignor of other identifier
                                                          UNCONFINED
C181
       Other data type
                                                          OW
C182
                                                          z
       Other data location
C261
       Format of other data
                                                          7.
C193
       Date of water-quality measurement
                                                          19680821
C196
                                                          00010
       Water-quality parameter code
C197
       Value of water-quality parameter
C776
       Record type for QUAL subrecord of MISC file
C193
       Date of water-quality measurement
                                                           19680821
C196
       Water-quality parameter code
                                                           00095
                                                                256
C197
       Value of water-quality parameter
       Record type for QUAL subrecord of MISC file
                                                          QUAL
C776
C115
       Begin year of data collection
                                                           1968
C116
       End year of data collection
                                                          1968
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
                                                          0
C120
       Type of analyses - QW network
                                                          Н
C706
       Network data type -miscellaneous
                                                          OW
C780
       Record type for NETW subrecord of MISC file
                                                          NETW
C115
       Begin year of data collection
                                                          1968
                                                          1969
C116
       End year of data collection
                                                          USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          Τ
C706
                                                          WT.
       Network data type -miscellaneous
C780
       Record type for NETW subrecord of MISC file
                                                          NETW
C115
       Begin year of data collection
                                                           1969
                                                          1970
C116
       End year of data collection
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
                                                          \mathbf{C}
                                                          WI.
C706
       Network data type -miscellaneous
C780
       Record type for NETW subrecord of MISC file
                                                          NETW
C184
                                                           19780204
       Remark-date
C185
       Remarks -misc
                                         HACH FIELD TESTS: IRON=600 UG/L, PH=8.0
       Record type for RMKS subrecord of MISC file
C788
                                                          RMKS
C184
                                                           19800505
       Remark-date
C185
       Remarks -misc
                                                           HARDNESS=120 MG/L
C091
       Depth to top of interval
                                                               3.00
C093
       Aquifer code
                                                           1100RNR
C096
       Lithology code
                                                           SDGL
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
C095
       Aquifer date -geo
                                                           19660822
C126
       Aquifer-static-level
                                                              3.00
C132
       Aquifer contribution
                                                           100
C235
                                                           19671010
       Water-level measurement date
C237
       Water level
                                                             13.3
C235
       Water-level measurement date
                                                           19671015
```

C237	Water level	13.4
C235	Water-level measurement date	19680822
C237	Water level	3.16
C235	Water-level measurement date	19680910
C237	Water level	4.06
C235	Water-level measurement date	19681002
C237	Water level	3.55
C235	Water-level measurement date	19681010
C233	Water level	2.49
C235	Water-level measurement date	19681017
C233	Water level	2.91
C235	Water-level measurement date	19681023
C233	Water level	3.47
C237		19681120
C233	Water-level measurement date	4.50
C237	Water level	19690313
	Water-level measurement date	
C237	Water level	7.13 19690408
C235	Water-level measurement date	
C237	Water level	7.09
C235	Water-level measurement date	19700112
C237	Water level	6.54
C235	Water-level measurement date	19700128
C237	Water level	7.06
C235	Water-level measurement date	19700520
C237	Water level	5.50
C235	Water-level measurement date	19701001
C237	Water level	4.05
C235	Water-level measurement date	19701002
C237	Water level	4.02
C235	Water-level measurement date	19701003
C237	Water level	3.9
C235	Water-level measurement date	19701004
C237	Water level	3.93
Casi		
C235	Water-level measurement date	19701005
	Water-level measurement date Water level	19701005 3.93
C235		
C235 C237	Water level	3.93 19701007 3.68
C235 C237 C235	Water level Water-level measurement date	3.93 19701007 3.68 19701010
C235 C237 C235 C237	Water level Water-level measurement date Water level	3.93 19701007 3.68
C235 C237 C235 C237 C235	Water level Water-level measurement date Water level Water-level measurement date	3.93 19701007 3.68 19701010
C235 C237 C235 C237 C235 C237	Water level Water-level measurement date Water level Water-level measurement date Water level	3.93 19701007 3.68 19701010 2.92
C235 C237 C235 C237 C235 C237 C235	Water level Water-level measurement date Water level Water-level measurement date Water level Water-level measurement date	3.93 19701007 3.68 19701010 2.92 19701013
C235 C237 C235 C237 C235 C237 C235 C237	Water level Water-level measurement date Water level Water-level measurement date Water level Water-level measurement date Water-level measurement date Water level	3.93 19701007 3.68 19701010 2.92 19701013 2.84
C235 C237 C235 C237 C235 C237 C235 C237 C235	Water level Water-level measurement date Water-level measurement date	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020
C235 C237 C235 C237 C235 C237 C235 C237 C235	Water level Water-level measurement date Water-level measurement date	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237	Water level Water-level measurement date Water level Water-level measurement date Water level Water-level measurement date Water level Water level Water-level measurement date Water level Water level	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C235 C237	Water level Water-level measurement date Water level Site ID (station number)	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C2001 C001	Water level Water-level measurement date Water level Site ID (station number) Type of site	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C2001 C001 C002 C003	Water level Water-level measurement date Water level Site ID (station number) Type of site Record classification	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C2001 C001 C002 C003 C004	Water level Water-level measurement date Water level  Site ID (station number) Type of site Record classification Source agency code	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C2001 C001 C002 C003 C004 C009	Water level Water-level measurement date Water-level measurement date Water level  Site ID (station number) Type of site Record classification Source agency code Latitude	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C2001 C002 C003 C004 C009 C010	Water level Water-level measurement date Water level Water level Site ID (station number) Type of site Record classification Source agency code Latitude Longitude	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011	Water level Water-level measurement date Water level Water level Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012	Water level Water-level measurement date Water level Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C2001 C001 C002 C003 C004 C009 C010 C011 C012 C013	Water level Water-level measurement date Water level Water level Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014	Water level Water-level measurement date Water level Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C2001 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015	Water level Water-level measurement date Water level Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016	Water level Water-level measurement date Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360 100.00
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017	Water level Water-level measurement date Water level Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360 100.00 M
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018	Water level Water-level measurement date Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360 100.00 M 50
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019	Water level Water-level measurement date Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46 603511151133003 W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360 100.00 M 50 T
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020	Water level Water-level measurement date Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46  603511151133003  W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360 100.00 M 50 T 19020302
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C021	Water level Water-level measurement date Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46  603511151133003  W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360 100.00 M 50 T 19020302 19700101
C235 C237 C235 C237 C235 C237 C235 C237 C235 C237 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C021 C023	Water level Water-level measurement date Water level Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site	3.93 19701007 3.68 19701010 2.92 19701013 2.84 19701020 3.46  603511151133003  W U USGS 603511 1511330 T SB00601128BBDA3 001 SENWNWS28 T006N R011W S KENAI C-4 63360 100.00 M 50 T 19020302 19700101 T

```
C028
       Depth of well
                                                              11.3
C030
       Water level
                                                             3.48
C031
       Date water level measured
                                                          19701020
C034
       Method water level measured
C900
       Station name
                                                          SB00601128BBDA3 001
C060
       Date of construction
                                                          1970
                                                          USGS
C063
       Name of contractor
C064
       Source of construction data
                                                          C
       Method of construction
                                                          В
C065
       Type of finish
                                                          P
C066
C068
       Depth to bottom of seal
                                                             0
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
C073
       Depth to top of this interval
                                                               .00
C074
       Depth to bottom of this interval
                                                             11.3
C075
       Diameter of this interval
                                                           6.00
                                                          HOLE
C756
       Record type for HOLE subrecord of CONS file
C077
       Depth to top of this casing string
                                                             -3.00
C078
                                                             11.3
       Depth to bottom of this casing string
                                                           6.00
C079
       Diameter of this casing string
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
C083
       Depth to top of this open interval
                                                              7.00
C084
       Depth to bottom of this open interval
                                                             11.3
                                                          P
C085
       Type of openings in this interval
                                                          OPEN
C760
       Record type for OPEN subrecord of CONS file
                                                          19701228
C321
       Begin date for use of this measuring point
C323
       Height of this measuring point
                                                            3.00
C766
                                                          мрит
       Record type for MPNT subrecord of CONS file
C159
       Date of ownership
                                                          1970
C161
       Owner
                                                          USGS KENAI
       Other identifier
C190
                                                          10883
C191
       Assignor of other identifier
                                                          AKRG
                                                          DAILY VALU
C181
       Other data type
C182
       Other data location
                                                          D
       Format of other data
                                                          м
C261
C115
                                                          1970
       Begin year of data collection
       End year of data collection
                                                          1974
C116
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
C706
       Network data type -miscellaneous
                                                          WT.
C780
       Record type for NETW subrecord of MISC file
                                                          NETW
C115
       Begin year of data collection
                                                          1975
       End year of data collection
                                                          1979
C116
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
                                                          C
                                                          WT.
C706
       Network data type -miscellaneous
C001
       Site ID (station number)
                                                              603523151195301
C002
       Type of site
                                                          W
C003
       Record classification
C004
       Source agency code
                                                          USGS
                                                           603517
C009
       Latitude
                                                           1511948
C010
       Longitude
       Lat-long accuracy code
C011
C012
       Local well number
                                                          SB00601226ABBD1 002
C013
       Land-net location
                                                          NWNWNES26 T006N R012W S
                                                          KENAI C-4SW KR01
C014
       Name of location map
                                                            25000
C015
       Scale of location map
       Altitude of land surface
                                                                90
C016
C017
       Method altitude determined
                                                          М
C018
       Altitude accuracy
                                                           10
C019
       Topographic setting
                                                          19020302
C020
       Hydrologic unit code
C021
       Date well constructed
                                                          19720731
C023
       Primary use of site
```

```
C024
       Primary use of water
                                                          Н
                                                             88.0
C027
       Hole depth
C028
       Depth of well
                                                              88.0
                                                            66.0
C030
       Water level
                                                          19720731
C031
       Date water level measured
C033
       Source of water-level data
                                                          R
C034
       Method water level measured
C803
       Agency use of site code
                                   C12 CHANGED FOR ABBA1-2 TO ABBD1-2 2-4-91 GRJ
C806
       Station remark fields
                                                          SB00601226ABBD1 002
C900
       Station name
C038
       Date lift data collected
                                                          19720731
C043
       Type of lift
C045
       Type of power
                                                          Е
C046
                                                               .5
       Horsepower rating
C752
                                                          LIFT
       Record type for LIFT subrecord of CONS file
C060
       Date of construction
                                                          19720731
                                                          KRAXBERGER F
C063
       Name of contractor
C064
       Source of construction data
       Method of construction
                                                          C
C065
C066
       Type of finish
                                                          S
                                                             n
C068
       Depth to bottom of seal
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
C073
       Depth to top of this interval
                                                             88.0
C074
       Depth to bottom of this interval
       Diameter of this interval
                                                           6.00
C075
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C077
       Depth to top of this casing string
                                                             84.0
C078
       Depth to bottom of this casing string
                                                           6.00
C079
       Diameter of this casing string
                                                          S
C080
       Casing material
       Record type for CSNG subrecord of CONS file
C758
                                                          CSNG
                                                             84.0
       Depth to top of this open interval
C083
                                                             88.0
C084
       Depth to bottom of this open interval
C085
       Type of openings in this interval
                                                          S
       Material in this interval
C086
                                                            .010
C088
       Width of openings
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C760
                                                          19720731
C148
       Date discharge measured
                                                               20.0
C150
       Discharge
C151
       Source of discharge data
                                                          D
C152
       Method discharge measured
                                                             67.0
C153
       Production level
C154
       Static water level
                                                             66.0
C155
       Source of water-level data
                                                          D
C156
       Method water level measured
                                                              2.0
C157
       Duration of discharge before producing level
                                                             20.0
C272
       Specific capacity -disch
                                                              1.00
C309
       Water-level drawdown
C703
       Discharge type
                                                          19730101
C159
       Date of ownership
                                                          WELLER PAUL
C161
       Owner
C159
                                                          19720731
       Date of ownership
                                                          KIEL RON
C161
       Owner
       Record type for OWNR subrecord of MISC file
                                                          OWNR
C768
C190
       Other identifier
                                                          L02B01
                                                          KIEL SUB
C191
       Assignor of other identifier
                                                          11209
C190
       Other identifier
C191
       Assignor of other identifier
                                                          AKRG
                                                          UNCONSOL
C190
       Other identifier
C191
       Assignor of other identifier
                                                          CONFINED
C187
       Date of visit
                                                          19770616
                                                          HARGLEROAD
C188
       Person who made visit
       Record type for VIST subrecord of MISC file
                                                          VIST
C774
C199
       Type of log
                                                                 0
C200
       Depth to top of logged interval
```

```
88.0
C201
       Depth to bottom of logged interval
C202
                                                          D
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C184
       Remark-date
                                                          19790917
C185
       Remarks -misc
                                              1 OWNER SAYS HE HAS LOTS OF IRON
C788
       Record type for RMKS subrecord of MISC file
                                                          RMKS
C091
       Depth to top of interval
                                                                 0
C092
       Depth to bottom of interval
                                                                20
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
       Description of material
                                                          DRY
C097
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
C091
       Depth to top of interval
                                                                20
C092
       Depth to bottom of interval
                                                                51
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          SAND
                                                          RUSTY
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
C091
       Depth to top of interval
                                                                 51
                                                                 80
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                          110QRNR
C096
       Lithology code
                                                          SAND
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                                80
C092
                                                                81
       Depth to bottom of interval
C093
       Aquifer code
                                                          1100RNR
                                                          SAND
C096
       Lithology code
                                                          WTR, CLEAN
C097
       Description of material
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                 Ω1
C091
       Depth to top of interval
                                                                 84
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
C096
                                                          SAND
       Lithology code
       Description of material
                                                          WTR, W/COAL, DIRTY
C097
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                 84
C091
       Depth to top of interval
                                                                 88
C092
       Depth to bottom of interval
                                                          1100RNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          WTR, CLEAN
       Description of material
C097
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                 88
C091
       Depth to top of interval
                                                          110QRNR
C093
       Aquifer code
C096
                                                          SILT
       Lithology code
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C095
                                                           19720731
       Aquifer date -geo
C750
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
                                                           19720731
C095
       Aquifer date -geo
C095
                                                           19720731
       Aquifer date -geo
C126
       Aquifer-static-level
C001
                                                              603504151181201
        Site ID (station number)
C002
                                                          W
       Type of site
C003
       Record classification
                                                          U
                                                          USGS
C004
       Source agency code
C009
       Latitude
                                                            603504
C010
       Longitude
                                                            1511812
```

C011	Lat-long accuracy code	T
C012	Local well number	SB00601225ACBD1 002
C013	Land-net location	NWSWNES25 T006N R012W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	85.10
C017	Method altitude determined	M
C018	Altitude accuracy	1
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C021	Date well constructed	19521017
C023	Primary use of site	W
C024	Primary use of water	T
C027	Hole depth	91.9
C028	Depth of well	91.9
C030	Water level	20.0
C031	Date water level measured	19590101
C033	Source of water-level data	R
C900	Station name	SB00601225ACBD1 002
C060	Date of construction	19521017
C063	Name of contractor	SAFELY DRL
C064	Source of construction data	R
C065	Method of construction	С
C066	Type of finish	S
C068	Depth to bottom of seal	0
C069	Method of development	S
C070	Hours of development	22
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	60.0
C075	Diameter of this interval	16.0
C756	Record type for HOLE subrecord of CONS file	HOLE
C073	Depth to top of this interval	60.0
C074	Depth to bottom of this interval	91.9
C075	Diameter of this interval	12.0
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-3.00
C078	Depth to bottom of this casing string	76.9
C079	Diameter of this casing string	12.0
C080	Casing material	S
C758	Record type for CSNG subrecord of CONS file	- CSNG
C077	Depth to top of this casing string	-3.00
C078	Depth to bottom of this casing string	60.0
C079	Diameter of this casing string	16.0
C080	Casing material	S
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	76.9
C084	Depth to bottom of this open interval	86.9
C085	Type of openings in this interval	R
C086	Material in this interval	R
C087	Diameter of this open interval	12.0
C088	Width of openings	.050
C760	Record type for OPEN subrecord of CONS file	OPEN
C083	Depth to top of this open interval	86.9
C084	Depth to bottom of this open interval	91.9
C085	Type of openings in this interval	R
C086	Material in this interval	R
C087	Diameter of this open interval	12.0
C088	Width of openings	.030
C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	19690320
C148	Discharge measured	146
C150	Source of discharge data	R
C151	Production level	37.0
C154	Static Water level	20.0
C134	55,515 #4001 10.01	

C155	Source of water-level data	R
C157	Duration of discharge before producing level	10.0
C272	Specific capacity -disch	8.59
C309	Water-level drawdown	17.0
C703	Discharge type	P
C159	Date of ownership	19521017
C161	Owner	WILDWOOD STA 2
C190	Other identifier	10517
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C190	Other identifier	NO.02
C191	Assignor of other identifier	WILDWOOD STA
C193	Date of water-quality measurement	19600321
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	4.5
C776	Record type for QUAL subrecord of MISC file	QUAL
C199	Type of log	D
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	90.0
C201		R
	Source of log data	
C778	Record type for LOGS subrecord of MISC file	LOGS
C115	Begin year of data collection	1957
C116	End year of data collection	1957
C117	Source agency for network data	USGS
C118	Frequency of data collection	0
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1959
C116	End year of data collection	1959
C117	Source agency for network data	USGS
C118	Frequency of data collection	0
C120	Type of analyses - QW network	В
C706	Network data type -miscellaneous	QW
C115	Begin year of data collection	1960
C116	End year of data collection	1960
C117	Source agency for network data	USGS
C118	Frequency of data collection	0
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1967
C116	End year of data collection	1968
C117	Source agency for network data	USGS
	Frequency of data collection	
C118		A
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C115	Begin year of data collection	1955
C116	End year of data collection	1969
C117	Source agency for network data	USGS
C118	Frequency of data collection	I
C706	Network data type -miscellaneous	WL
C780	Record type for NETW subrecord of MISC file	NETW
C091	Depth to top of interval	20.0
C092	Depth to bottom of interval	90.0
C093	Aquifer code	112NPTN
C095	Lithology code	SAND
	<del></del>	GRAVELLY
C097	Description of material	
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	195901
C126	Aquifer-static-level	20.0
C132	Aquifer contribution	100
C235	Water-level measurement date	19551129

```
28.1
C237
       Water level
C239
       Water-level method
                                                         R
                                                         19590206
C235
       Water-level measurement date
                                                           21.6
C237
       Water level
       Water-level method
C239
C235
       Water-level measurement date
                                                         19690309
                                                           26.6
C237
       Water level
                                                         R
C239
       Water-level method
                                                         19700127
C235
       Water-level measurement date
C237
       Water level
                                                           30.1
                                                         R
C238
      Water-level status
                                                                        603545151174501
C001
         Site ID (station number)
                                                         W
C002
       Type of site
                                                         TT
C003
       Record classification
                                                         USGS
C004
       Source agency code
                                                          603502
C009
       Latitude
C010
                                                          1511753
      Longitude
C011
       Lat-long accuracy code
                                                         SB00601225ACAD1 003
       Local well number
C012
                                                         NESWNES25 T006N R012W S
C013
       Land-net location
C014
       Name of location map
                                                         KENAI C-4
                                                         63360
C015
       Scale of location map
                                                            86.20
       Altitude of land surface
C016
                                                         М
C017
       Method altitude determined
                                                          .5
C018
       Altitude accuracy
C019
                                                          F
       Topographic setting
C020
       Hydrologic unit code
                                                          19020302
                                                          19570901
C021
       Date well constructed
C023
       Primary use of site
       Primary use of water
C024
                                                             90 0
C027
       Hole depth
                                                             90.0
C028
       Depth of well
                                                            19.0
C030
       Water level
                                                          19570918
C031
       Date water level measured
C033
       Source of water-level data
                                                          R
C034
       Method water level measured
C803
       Agency use of site code
                                                          SB00601225ACAD1 003
C900
       Station name
                                                          195709
C060
       Date of construction
                                                          USCE
C063
       Name of contractor
       Source of construction data
                                                          R
C064
                                                          С
C065
       Method of construction
                                                          S
C066
       Type of finish
                                                             0
C068
       Depth to bottom of seal
       Method of development
                                                          S
C069
                                                          16
C070
       Hours of development
       Record type for CONS subrecord of CONS file
C754
                                                          CONS
                                                               .00
       Depth to top of this interval
C073
                                                             90.0
C074
       Depth to bottom of this interval
                                                           8.00
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
                                                             -2.40
       Depth to top of this casing string
C077
                                                             76.0
       Depth to bottom of this casing string
C078
       Diameter of this casing string
                                                           8.00
C079
                                                          S
C080
       Casing material
       Record type for CSNG subrecord of CONS file
                                                          CSNG
C758
                                                             76 0
       Depth to top of this open interval
C083
                                                             85.0
C084
       Depth to bottom of this open interval
       Type of openings in this interval
                                                          R
C085
       Material in this interval
                                                          R
C086
                                                           8.00
C087
       Diameter of this open interval
                                                            .016
C088
       Width of openings
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
```

```
85.0
       Depth to top of this open interval
C083
C084
       Depth to bottom of this open interval
                                                             90.0
       Type of openings in this interval
C085
                                                          R
C086
       Material in this interval
C087
       Diameter of this open interval
                                                           8.00
C088
       Width of openings
                                                             .020
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C321
       Begin date for use of this measuring point
                                                          19570901
                                                            2 40
C323
       Height of this measuring point
                                                          19690326
C148
       Date discharge measured
C150
                                                              140
       Discharge
       Source of discharge data
C151
C153
       Production level
                                                             61.0
C154
       Static water level
                                                             25.0
       Source of water-level data
C155
                                                              5.0
C157
       Duration of discharge before producing level
C272
       Specific capacity -disch
                                                              3.89
                                                             36.0
C309
       Water-level drawdown
C703
       Discharge type
C159
       Date of ownership
                                                          195709
                                                          WILDWOOD STA 5
C161
       Owner
                                                          10518
C190
       Other identifier
C191
       Assignor of other identifier
                                                          AKRG
C190
       Other identifier
                                                          UNCONSOL
                                                          UNCONFINED
C191
       Assignor of other identifier
C190
       Other identifier
                                                          NO 05
                                                          WILDWOOD STA
C191
       Assignor of other identifier
C199
       Type of log
C200
       Depth to top of logged interval
                                                                .00
                                                              90.0
C201
       Depth to bottom of logged interval
C202
                                                          R
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
                                                          1960
C115
       Begin year of data collection
                                                          1960
C116
       End year of data collection
                                                          USGS
C117
       Source agency for network data
                                                          0
C118
       Frequency of data collection
                                                          н
C120
       Type of analyses - QW network
C706
       Network data type -miscellaneous
                                                          OW
C780
       Record type for NETW subrecord of MISC file
                                                          NETW
                                                          1957
C115
       Begin year of data collection
C116
       End year of data collection
                                                          1969
                                                          USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          т
C706
       Network data type -miscellaneous
                                                          WT.
                                                          NETW
       Record type for NETW subrecord of MISC file
C780
C091
                                                              55.0
       Depth to top of interval
C092
       Depth to bottom of interval
                                                             75.0
       Aquifer code
                                                          112NPTN
C093
                                                           SAND
C096
       Lithology code
C097
       Description of material
                                                          SILTY
C304
       Contributing unit
C721
       Sequence number for GEOH subrecord of GEOH file
                                                            1
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                              75.0
C091
       Depth to top of interval
                                                              90.0
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           112NPTN
       Lithology code
                                                           SAND
C096
       Description of material
C097
                                                           SILTY
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C095
                                                           19690326
       Aquifer date -geo
C126
                                                             26.0
       Aquifer-static-level
C132
       Aquifer contribution
                                                           100
C750
       Record type for AQFR subrecord of GEOH file
                                                           AOFR
                                                           19570918
C235
       Water-level measurement date
```

		10
C237	Water level	19
C276	Accuracy code	0
C235	Water-level measurement date	19690326
C237	Water level	25 0
C276	Accuracy code	U
C001	Site ID (station number)	603500151180001
C002	Type of site	W
C002	Record classification	U
C003	Source agency code	USGS
C004	District code	02
C007	State code	02
C007	Latitude	603500
C010	Longitude	1511800
C011	Lat-long accuracy code	T
C012	Local well number	SB00601225ACDB1 001
C013	Land-net location	SESWNES25 TOO6N RO12W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	76.80
C017	Method altitude determined	L
C018	Altitude accuracy	.1
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C021	Date well constructed	19520701
C023	Primary use of site	Z
C024	Primary use of water	U
C027	Hole depth	83.9
C028	Depth of well	83.9
C030	Water level	12.0
C031	Date water level measured	19520701
C033	Source of water-level data	D
C803	Agency use of site code	Α
C900	Station name	SB00601225ACDB1 001
C060	Date of construction	195207
C063	Name of contractor	UNKNOWN
C064	Source of construction data	R S
C066 C068	Type of finish	0
C754	Depth to bottom of seal Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	60.0
C075	Diameter of this interval	16.0
c756	Record type for HOLE subrecord of CONS file	HOLE
C073	Depth to top of this interval	60.0
C074	Depth to bottom of this interval	83.9
C075	Diameter of this interval	12.0
C756	Record type for HOLE subrecord of CONS file	HOLE
C159	Date of ownership	195207
C161	Owner	WILDWOOD STA 1
C190	Other identifier	10515
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C190	Other identifier	NO.01
C191	Assignor of other identifier	WILDWOOD STA
C199	Type of log	D
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	83.9
C202	Source of log data	R
C778	Record type for LOGS subrecord of MISC file	LOGS
C115	Begin year of data collection	1966
C116	End year of data collection	1966
C117	Source agency for network data	USGS

```
C118
                                                          Ι
       Frequency of data collection
C120
       Type of analyses - OW network
C706
       Network data type -miscellaneous
                                                          OW
                                                          1959
C115
       Begin year of data collection
                                                          1959
C116
       End year of data collection
                                                          USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          Ω
C120
       Type of analyses - QW network
                                                          В
       Network data type -miscellaneous
                                                          OW
C706
C780
       Record type for NETW subrecord of MISC file
                                                          NETW
                                                          1968
C115
       Begin year of data collection
       End year of data collection
                                                          1968
C116
                                                          USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          O
       Type of analyses - QW network
Network data type -miscellaneous
C120
                                                          Н
C706
                                                          OW
       Depth to top of interval
                                                             81.0
C091
C092
                                                             83.9
       Depth to bottom of interval
                                                          112NPTN
C093
       Aquifer code
C096
       Lithology code
                                                          SDGL
C304
       Contributing unit
                                                          GEOH
       Record type for GEOH subrecord of GEOH file
C748
                                                          195207
C095
       Aquifer date -geo
                                                            12.0
C126
       Aquifer-static-level
                                                          100
C132
       Aguifer contribution
                                                                         603500151180002
C001
         Site ID (station number)
C002
       Type of site
                                                          W
                                                          \overline{C}
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                           603500
C009
       Latitude
                                                           1511800
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601225ACDB2 001
C012
       Local well number
                                                          SESWNES25 TOO6N RO12W S
C013
       Land-net location
                                                          KENAI C-4
C014
       Name of location map
C015
       Scale of location map
                                                          63360
                                                              86.90
C016
       Altitude of land surface
C017
       Method altitude determined
C018
       Altitude accuracy
C019
       Topographic setting
                                                          19020302
C020
       Hydrologic unit code
C021
       Date well constructed
                                                          19550301
C023
       Primary use of site
       Primary use of water
C024
                                                                650
C027
       Hole depth
                                                               95.0
       Depth of well
C028
       Water level
                                                            28.0
C030
                                                          19550811
C031
       Date water level measured
       Source of water-level data
                                                          Α
C033
       Method water level measured
C034
C803
       Agency use of site code
C900
       Station name
                                                          SB00601225ACDB2 001
                                                           195503
C060
       Date of construction
C063
       Name of contractor
                                                           PENN-JERSEY
C064
       Source of construction data
       Type of finish
                                                          S
C066
C068
       Depth to bottom of seal
                                                                .00
C073
       Depth to top of this interval
                                                            650
       Depth to bottom of this interval
C074
C075
       Diameter of this interval
                                                           10.0
       Record type for HOLE subrecord of CONS file
                                                           HOLE
C756
                                                               .00
C077
       Depth to top of this casing string
                                                           10.0
C079
       Diameter of this casing string
```

```
C083
       Depth to top of this open interval
                                                            246
C084
       Depth to bottom of this open interval
                                                            266
                                                          R
C085
       Type of openings in this interval
C086
       Material in this interval
                                                          R
C087
       Diameter of this open interval
                                                          10.0
       Width of openings
                                                            .012
C088
C083
       Depth to top of this open interval
                                                            266
                                                            270
C084
       Depth to bottom of this open interval
                                                          R
C085
       Type of openings in this interval
C086
       Material in this interval
                                                          R
                                                          10.0
C087
       Diameter of this open interval
                                                            .020
C088
       Width of openings
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C760
C083
       Depth to top of this open interval
                                                            270
C084
       Depth to bottom of this open interval
                                                            276
                                                          R
C085
       Type of openings in this interval
C086
       Material in this interval
                                                          R
C087
       Diameter of this open interval
                                                          10.0
C088
       Width of openings
                                                            .060
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
                                                          195504
C159
       Date of ownership
                                                          WILDWOOD STA 4
C161
       Owner
C190
                                                          10643
       Other identifier
                                                          AKRG
C191
       Assignor of other identifier
C190
       Other identifier
                                                          USCE
C191
       Assignor of other identifier
C190
       Other identifier
                                                          UNCONSOL
C191
       Assignor of other identifier
                                                          CONFINED
                                                          19700127
C187
       Date of visit
                                                          KLEPPER R
C188
       Person who made visit
       Record type for VIST subrecord of MISC file
C774
                                                          VIST
C187
                                                          19600321
       Date of visit
C188
                                                          CRANDELL G
       Person who made visit
                                                          19570715
C187
       Date of visit
                                                          19600321
C193
       Date of water-quality measurement
                                                          112NPTN
C195
       Aquifer sampled
C196
       Water-quality parameter code
                                                          00010
                                                                 4.5
C197
       Value of water-quality parameter
                                                          QUAL
C776
       Record type for QUAL subrecord of MISC file
C199
       Type of log
                                                          Ð
                                                             97.0
C200
       Depth to top of logged interval
                                                            650
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                          1957
C115
       Begin year of data collection
C116
                                                           1957
       End year of data collection
C117
       Source agency for network data
                                                          USGS
       Frequency of data collection
C118
                                                          0
C120
       Type of analyses - QW network
                                                          Н
C706
       Network data type -miscellaneous
                                                          OW
                                                           1959
C115
       Begin year of data collection
                                                           1959
C116
       End year of data collection
C117
       Source agency for network data
                                                           USGS
C118
                                                           0
       Frequency of data collection
                                                           В
C120
       Type of analyses - QW network
C706
       Network data type -miscellaneous
                                                           OW
C115
       Begin year of data collection
                                                           1960
                                                           1960
C116
       End year of data collection
                                                           USGS
C117
       Source agency for network data
                                                           0
C118
       Frequency of data collection
                                                           Н
C120
       Type of analyses - QW network
                                                           QW
C706
       Network data type -miscellaneous
                                                           1955
C115
       Begin year of data collection
                                                           1970
C116
       End year of data collection
                                                           USGS
C117
       Source agency for network data
C118
                                                           Ι
       Frequency of data collection
```

C706	Network data type -miscellaneous	ML
C184	Remark-date	19790917
C185	Remarks -misc	1 HOLE BACKFILLED
C184	Remark-date	19790917
C185	Remarks -misc	2 SURGED 71 HOURS IN 1969
C091	Depth to top of interval	28.0
C092	Depth to bottom of interval	97.0
C093	Aguifer code	112NPTN
C096	Lithology code	SAND
C097	Description of material	TILL, SILTY
C304	Contributing unit	P
C091	Depth to top of interval	97.0
C092	Depth to bottom of interval	165
C093	Aquifer code	1100RNR
C096	Lithology code	CLAY
C097	Description of material	TILL, SILTY
C304	Contributing unit	U
C095	Aquifer date -geo	19550811
C126		28.0
C126	Aquifer-static-level	100
	Aquifer contribution	195207
C235	Water-level measurement date	22
C237	Water level	
C239	Water-level method	R
C235	Water-level measurement date	19550811
C237	Water level	28
C239	Water-level method	R
C235	Water-level measurement date	19571127
C237	Water level	21
C239	Water-level method	R
C235	Water-level measurement date	19690313
C237	Water level	29
C239	Water-level method	R
	1.1a b a 1 a 1 a	
C235	Water-level measurement date	19700126
C235 C237	Water level	32
C237	Water level	32
C237	Water level  Site ID (station number)	32 <b>603458151192301</b>
C237 C001 C002	Water level  Site ID (station number)  Type of site	32 <b>603458151192301</b> W
C237 C001 C002 C003	Water level  Site ID (station number)  Type of site Record classification	32 603458151192301 W C
C237 C001 C002 C003 C004	Water level  Site ID (station number)  Type of site Record classification Source agency code	32 603458151192301 W C USGS
C237 C001 C002 C003 C004 C009	Water level  Site ID (station number)  Type of site Record classification Source agency code Latitude	32 603458151192301 W C USGS 603458
C237  C001  C002  C003  C004  C009  C010	Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude	32  603458151192301  W C USGS 603458 1511919
C237  C001  C002  C003  C004  C009  C010  C011	Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code	32  603458151192301  W C USGS 603458 1511919 T
C237  C001  C002  C003  C004  C009  C010  C011  C012	Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013	Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location	32 603458151192301 W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014	Water level  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015	Water level  Site ID (station number)  Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016	Water level  Site ID (station number)  Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00 M
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00 M 5
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00 M 5 F
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020	Water level  Site ID (station number)  Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00 M 5 F 19020302
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed	603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00 M 5 F 19020302 19530101
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023	Water level  Site ID (station number)  Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C 160
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027  C028	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C 160 160
C237  C001  C002  C003  C004  C009  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027  C028  C040	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Date site record last updated	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C 160 160 19930709
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027  C028  C040  C900	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Station name	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C 160 160 19930709 SB00601226ADDC1 001
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027  C028  C040  C900  C060	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Station name Date of construction	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C 160 160 19930709 SB00601226ADDC1 001 1955
C237  C001  C002  C003  C004  C009  C011  C012  C013  C014  C015  C016  C017  C018  C020  C021  C023  C024  C027  C028  C040  C900  C060  C063	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Station name Date of construction Name of contractor	32  603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C 160 160 19930709 SB00601226ADDC1 001 1955 SAFELY DRL
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027  C028  C040  C900  C060  C063  C064	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Station name Date of construction Name of contractor Source of construction data	### Temperature ### Temperatur
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027  C028  C040  C900  C060  C063  C064  C068	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Station name Date of construction Name of contractor Source of construction data Depth to bottom of seal	603458151192301  W C USGS 603458 1511919 T SB00601226ADDC1 001 SESENES26 T006N R012W S KENAI C-4 63360 77.00  M 5 F 19020302 19530101 W C 160 160 19930709 SB00601226ADDC1 001 1955 SAFELY DRL O 0
C237  C001  C002  C003  C004  C009  C010  C011  C012  C013  C014  C015  C016  C017  C018  C019  C020  C021  C023  C024  C027  C028  C040  C900  C060  C063  C064	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Station name Date of construction Name of contractor Source of construction data	### Temperature ### Temperatur

```
C075
       Diameter of this interval
                                                           6.00
C159
       Date of ownership
                                                          195301
                                                          FRONTIER BAR
C161
       Owner
C190
       Other identifier
                                                          10523
C191
       Assignor of other identifier
                                                          AKRG
                                                          19700703
C187
       Date of visit
C188
       Person who made visit
                                                          ANDERSON G
                                                          19660902
C187
       Date of visit
                                                          MEINZ L
C188
       Person who made visit
C193
       Date of water-quality measurement
                                                          19700730
C196
       Water-quality parameter code
                                                          00010
                                                                6.0
C197
       Value of water-quality parameter
                                                          19660902
C193
       Date of water-quality measurement
                                                          00010
C196
       Water-quality parameter code
                                                               12.0
C197
       Value of water-quality parameter
C776
       Record type for QUAL subrecord of MISC file
                                                          OUAL
                                                          1966
C115
       Begin year of data collection
C116
       End year of data collection
                                                          1966
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
                                                          \circ
C120
       Type of analyses - QW network
                                                          Α
C706
       Network data type -miscellaneous
                                                          OW
C115
       Begin year of data collection
                                                          1970
C116
                                                          1970
       End year of data collection
                                                          USGS
C117
       Source agency for network data
                                                          0
C118
       Frequency of data collection
C120
       Type of analyses - QW network
                                                          Н
C706
       Network data type -miscellaneous
                                                          OW
                                                          19790917
C184
       Remark-date
                                               1 EXACT DATE CONSTR/OWNERSHIP
C185
       Remarks -misc
                                                          2 UNKNOWN
C185
       Remarks -misc
                                                                         603452151185901
C001
         Site ID (station number)
C002
                                                          W
       Type of site
C003
       Record classification
                                                          Гī
                                                          USGS
C004
       Source agency code
                                                           603452
C009
       Latitude
                                                           1511859
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601225CBBC1 009
C012
       Local well number
                                                          NWNWSWS25 T006N R012W S
C013
       Land-net location
                                                          KENAI C-4SW KR01
C014
       Name of location map
                                                            25000
C015
       Scale of location map
                                                                90
C016
       Altitude of land surface
C017
       Method altitude determined
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          19840810
C021
       Date well constructed
C023
       Primary use of site
                                                          Н
C024
       Primary use of water
                                                                78
C027
       Hole depth
                                                                78
C028
       Depth of well
       Source of depth data
C029
C030
       Water level
                                                               51
                                                          19840810
C031
       Date water level measured
                                                          D
C033
       Source of water-level data
                                                          R
C034
       Method water level measured
                                                          110ORNR
C714
       Aquifer code
                                                          SB00601225CBBC1 009
C900
       Station name
C060
       Date of construction
                                                          19840810
                                                          KRAXBERGER
C063
       Name of contractor
                                                          D
C064
       Source of construction data
C065
       Method of construction
                                                          Α
                                                          S
C066
       Type of finish
```

```
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
C073
       Depth to top of this interval
                                                                  n
                                                                 78
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                               6
       Record type for HOLE subrecord of CONS file
C756
                                                          HOLE
       Depth to top of this casing string
                                                                 -2
C077
C078
       Depth to bottom of this casing string
                                                                 73
C079
       Diameter of this casing string
                                                               6
C080
       Casing material
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                                 73
C083
       Depth to top of this open interval
                                                                 78
C084
       Depth to bottom of this open interval
C085
                                                           S
       Type of openings in this interval
       Diameter of this open interval
                                                              6
C087
C088
                                                             .010
       Width of openings
                                                          OPEN
C760
       Record type for OPEN subrecord of CONS file
                                                          19840810
C148
       Date discharge measured
C150
       Discharge
                                                                   50
                                                          D
C151
       Source of discharge data
C152
       Method discharge measured
                                                          R
C703
       Discharge type
                                                          19840810
C159
       Date of ownership
C161
       Owner
                                                          WHITE WILLIAM
C190
       Other identifier
                                                          L04B03
C191
       Assignor of other identifier
                                                          BLACK GOLD EST
C190
       Other identifier
                                                          UNCONSOL
                                                          CONFINED
C191
       Assignor of other identifier
C199
                                                          D
       Type of log
                                                                  0
C200
       Depth to top of logged interval
C201
                                                                 78
       Depth to bottom of logged interval
C202
       Source of log data
                                                          D
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C091
                                                                  0
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                  2
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                          SOIL
                                                          TOPSOIL & CLAY
C097
       Description of material
C304
       Contributing unit
                                                          N
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
                                                                  2
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 15
                                                           110QRNR
C093
       Aquifer code
                                                           SDGL
C096
       Lithology code
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                 15
C091
       Depth to top of interval
                                                                 45
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
                                                       W/LAYERS OF SDGL DRLR RPTS
C097
       Description of material
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                 45
                                                                 53
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           1100RNR
C096
                                                           SDST
       Lithology code
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
       Depth to top of interval
                                                                 53
C091
       Depth to bottom of interval
                                                                 58
C092
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                           SDST
C097
       Description of material
                                                           WET
C304
       Contributing unit
                                                           H
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
```

```
C091
       Depth to top of interval
                                                                58
C092
       Depth to bottom of interval
                                                                70
                                                          1100RNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
       Description of material
                                                          WET, CLEAN
C097
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                70
       Depth to top of interval
C091
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          SAND
                                                          WATER
C097
       Description of material
       Contributing unit
                                                          Р
C304
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                          19840810
C095
       Aquifer date -geo
                                                               51
C126
       Aquifer-static-level
                                                                         603450151180501
C001
         Site ID (station number)
       Type of site
C002
                                                          W
C003
       Record classification
                                                          П
                                                          USGS
C004
       Source agency code
                                                           603450
C009
       Latitude
                                                           1511805
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601225DBAC1 005
C012
       Local well number
                                                          NENWSES25 T006N R012W S
C013
       Land-net location
C014
       Name of location map
                                                          KENAI C-4
                                                          63360
C015
       Scale of location map
                                                             83.00
C016
       Altitude of land surface
                                                          М
C017
       Method altitude determined
C018
       Altitude accuracy
       Topographic setting
                                                          F
C019
C020
                                                          19020302
       Hydrologic unit code
C023
       Primary use of site
                                                          Р
C024
       Primary use of water
C027
       Hole depth
                                                               268
                                                               268
C028
       Depth of well
                                                          D
C033
       Source of water-level data
       Agency use of site code
                                                          Α
C803
                                                          SB00601225DBAC1 005
C900
       Station name
                                                          1965
C060
       Date of construction
C063
       Name of contractor
                                                          UNKNOWN
C064
       Source of construction data
                                                             0
C068
       Depth to bottom of seal
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
                                                               .00
C073
       Depth to top of this interval
                                                            268
C074
       Depth to bottom of this interval
       Diameter of this interval
                                                           6.00
C075
                                                          HOLE
       Record type for HOLE subrecord of CONS file
C756
                                                               51.0
C150
       Discharge
C151
       Source of discharge data
                                                          D
C152
       Method discharge measured
                                                             40.0
C153
       Production level
                                                             38.0
C154
       Static water level
C155
       Source of water-level data
       Duration of discharge before producing level
                                                             48.0
C157
                                                             25.5
C272
       Specific capacity -disch
                                                              2.00
C309
       Water-level drawdown
                                                          р
C703
       Discharge type
                                                          1965
C159
       Date of ownership
                                                          KILLEN MORRIS
       Owner
C161
                                                          AD01
C190
       Other identifier
                                                          MOMMSEN SUBD
       Assignor of other identifier
C191
C190
       Other identifier
                                                          10520
                                                          AKRG
C191
       Assignor of other identifier
```

```
UNCONSOL
C190
       Other identifier
      Assignor of other identifier
C191
                                                         CONFINED
                                                         OTHER OW
C181
       Other data type
       Other data location
C182
C261
       Format of other data
                                                         F
C199
       Type of log
                                                         ח
C200
       Depth to top of logged interval
                                                               .00
C201
       Depth to bottom of logged interval
                                                           268
       Source of log data
C202
C778
       Record type for LOGS subrecord of MISC file
                                                         LOGS
                                                         1966
C115
       Begin year of data collection
       End year of data collection
                                                         1966
C116
                                                         HSGS
C117
       Source agency for network data
C118
       Frequency of data collection
C120
       Type of analyses - QW network
                                                         н
C706
       Network data type -miscellaneous
                                                         OW
C115
       Begin year of data collection
                                                         1972
C116
                                                         1972
       End year of data collection
                                                         USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                         Τ
C120
       Type of analyses - QW network
                                                         М
C706
       Network data type -miscellaneous
                                                         OW
                                                         19790917
C184
       Remark-date
C185
       Remarks -misc
                                         1 DATES OF CONSTR/OWNERSHIP UNKNOWN
       Depth to top of interval
C091
                                                            84.0
C092
       Depth to bottom of interval
                                                            250
                                                         1100RNR
C093
       Aquifer code
                                                         CLAY
C096
       Lithology code
C097
       Description of material
                                                         AND/SILT
C304
       Contributing unit
                                                         GEOH
       Record type for GEOH subrecord of GEOH file
C748
C091
       Depth to top of interval
                                                           250
                                                         1100RNR
C093
       Aquifer code
                                                         GRVL
C096
       Lithology code
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                         GEOH
                                                         1965
C095
       Aquifer date -geo
C126
       Aguifer-static-level
                                                           38.0
C132
       Aguifer contribution
                                                         100
                                                                        603450151185601
C001
         Site ID (station number)
C002
       Type of site
                                                         W
C003
       Record classification
                                                         USGS
C004
       Source agency code
                                                          603450
C009
       Latitude
C010
       Longitude
                                                          1511856
C011
       Lat-long accuracy code
                                                         SB00601225CBBD1 010
      Local well number
C012
                                                         NWNWSWS25 T006N R012W S
C013
       Land-net location
                                                         KENAI C-4sw KR01
C014
      Name of location map
       Scale of location map
                                                           25000
C015
C016
       Altitude of land surface
                                                                90
C017
       Method altitude determined
                                                           10
C018
       Altitude accuracy
C020
       Hydrologic unit code
                                                         19020302
                                                         19851108
       Date well constructed
C021
C023
       Primary use of site
C024
       Primary use of water
                                                                79
C027
       Hole depth
                                                                79
C028
       Depth of well
       Source of depth data
C029
                                                          D
       Water level
                                                             51.2
C030
C031
       Date water level measured
                                                          19851108
C033
       Source of water-level data
```

```
C034
       Method water level measured
                                                          R
                                                          SB00601225CBBD1 010
C900
       Station name
                                                          19851108
C060
       Date of construction
C063
       Name of contractor
                                                          NORTHLAND DR
C064
       Source of construction data
C065
       Method of construction
                                                          Α
C066
       Type of finish
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
       Depth to top of this interval
C073
                                                                79
C074
       Depth to bottom of this interval
       Diameter of this interval
C075
C724
       Record number for hole subrecord
                                                            1
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C077
       Depth to top of this casing string
                                                              -1.5
C078
       Depth to bottom of this casing string
                                                                74
                                                              6
C079
       Diameter of this casing string
                                                          CSNG
C758
       Record type for CSNG subrecord of CONS file
                                                                74
C083
       Depth to top of this open interval
       Depth to bottom of this open interval
                                                                79
C084
C085
       Type of openings in this interval
                                                          s
                                                              6
C087
       Diameter of this open interval
                                                            .010
C088
       Width of openings
                                                          OPEN
C760
       Record type for OPEN subrecord of CONS file
                                                          19851108
C148
       Date discharge measured
                                                                  45
C150
       Discharge
                                                          D
C151
       Source of discharge data
                                                          R
C152
       Method discharge measured
C702
       Last update -disch
                                                          19900417
C703
       Discharge type
                                                          19851108
C159
       Date of ownership
                                                          BYFORD BILLY
C161
       Owner
C190
       Other identifier
                                                          L07B03
                                                          BLACK GOLD EST
C191
       Assignor of other identifier
                                                          UNCONSOL
C190
       Other identifier
       Assignor of other identifier
                                                          CONFINED
C191
C199
       Type of log
                                                          D
                                                                 0
       Depth to top of logged interval
C200
       Depth to bottom of logged interval
                                                                79
C201
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C184
       Remark-date
                                                          19851108
                                                  DRLR RPTS NO WELL GROUTING USED
C185
       Remarks -misc
C091
       Depth to top of interval
                                                                 0
                                                                 2
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
                                                          SOIL
C096
       Lithology code
C097
       Description of material
                                                          TOPSOIL
       Contributing unit
                                                          N
C304
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
C091
       Depth to top of interval
                                                                  2
                                                                 12
C092
       Depth to bottom of interval
                                                           110QRNR
       Aquifer code
C093
C096
                                                           SAND
       Lithology code
C304
       Contributing unit
                                                          N
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 12
C091
       Depth to top of interval
                                                                 40
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
                                                           SDGL
C096
       Lithology code
                                                           SAND W/GRVL
C097
       Description of material
C304
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                 40
                                                                 60
C092
       Depth to bottom of interval
C093
                                                           110QRNR
       Aquifer code
```

```
C096
       Lithology code
                                                          SAND
C304
       Contributing unit
                                                          N
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
       Depth to top of interval
                                                                60
C091
                                                                72
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                          1100RNR
                                                          SDCL
C096
       Lithology code
C097
       Description of material
                                                          W/SILT
C304
       Contributing unit
                                                          N
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                72
C092
       Depth to bottom of interval
                                                                78
                                                          1100RNR
C093
       Aquifer code
C096
                                                          SAND
       Lithology code
C097
       Description of material
                                                          CLEAN
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                78
C091
       Depth to top of interval
                                                          110QRNR
C093
       Aquifer code
                                                          SDGL.
C096
       Lithology code
C097
       Description of material
                                                          CLEAN SAND&LTTL GRVL
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
C095
       Aquifer date -geo
                                                          19851108
C750
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
                                                          19851108
C095
       Aquifer date -geo
C001
                                                                         603443151183902
         Site ID (station number)
C002
                                                          W
       Type of site
                                                          U
C003
       Record classification
C004
                                                          USGS
       Source agency code
                                                           603443
C009
       Latitude
C010
                                                           1511839
       Longitude
C011
       Lat-long accuracy code
C012
       Local well number
                                                          SB00601225CACC2 008
                                                          SWNESWS25 T006N T012W S
C013
       Land-net location
C014
       Name of location map
                                                          KENAI C-4
                                                          63360
C015
       Scale of location map
C016
       Altitude of land surface
                                                             80.00
C017
       Method altitude determined
                                                            5
C018
       Altitude accuracy
C019
       Topographic setting
                                                          19020302
C020
       Hydrologic unit code
                                                          1967
C021
       Date well constructed
C023
       Primary use of site
                                                          Р
C024
       Primary use of water
                                                              70.0
C027
       Hole depth
C028
       Depth of well
                                                              70.0
C803
       Agency use of site code
C900
       Station name
                                                          SB00601225CACC2 008
                                                          196709
C159
       Date of ownership
C161
       Owner
                                                          WOODLAND ESTATES
C190
       Other identifier
                                                          10887
                                                          AKRG
C191
       Assignor of other identifier
                                                          1970
C115
       Begin year of data collection
                                                          1971
C116
       End year of data collection
                                                          USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          Α
C120
       Type of analyses - QW network
                                                          М
C706
       Network data type -miscellaneous
                                                          OW
C184
       Remark-date
                                                          19790917
                                                  1 EXACT DATE CONSTR/OWNERSHIP
C185
       Remarks -misc
                                                          2 UNKNOWN
       Remarks -misc
C185
```

C001	Site ID (station number)	603440151190001
C002	Type of site	W
C003	Record classification	С
C004	Source agency code	USGS
C009	Latitude	603440
C010	Longitude	1511900
C011	Lat-long accuracy code	T
C012	Local well number	SB00601225CCBA1 006
C013	Land-net location	NWSWSWS25 T006N R012W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	77.00
C017	Method altitude determined	м 5
C018	Altitude accuracy	F
C019 C020	Topographic setting	19020302
C020	Hydrologic unit code Primary use of site	W
C023	Primary use of water	P
C024	Secondary use of water	C
C023	Hole depth	288
C028	Depth of well	288
C803	Agency use of site code	A
C900	Station name	SB00601225CCBA1 006
C038	Date lift data collected	19670912
C043	Type of lift	S
C045	Type of power	E
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	1962
C063	Name of contractor	UNKNOWN
C064	Source of construction data	R
C068	Depth to bottom of seal	0
C754	Record type for CONS subrecord of CONS file	CONS
C159	Date of ownership	1962 SID TROPHY ROOM
C161 C190	Owner Other identifier	10521
C190	Assignor of other identifier	AKRG
C191	Other data type	OW
C181	Other data location	Z
C261	Format of other data	Z
C187	Date of visit	19680606
C188	Person who made visit	ANDERSON G
C774	Record type for VIST subrecord of MISC file	VIST
C187	Date of visit	19660906
C188	Person who made visit	MEINZ L
C774	Record type for VIST subrecord of MISC file	VIST
C187	Date of visit	19670912
C188	Person who made visit	STILL P
C774	Record type for VIST subrecord of MISC file	VIST
C193	Date of water-quality measurement	19680606
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	3.5 QUAL
C776 C193	Record type for QUAL subrecord of MISC file Date of water-quality measurement	19680606
C193	Water-quality parameter code	00095
C190	Value of water-quality parameter	720
C776	Record type for QUAL subrecord of MISC file	QUAL
C193	Date of water-quality measurement	19660906
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	16.0
C776	Record type for QUAL subrecord of MISC file	QUAL
C115	Begin year of data collection	1966
C116	End year of data collection	1966
C117	Source agency for network data	USGS
C118	Frequency of data collection	0

```
C120
       Type of analyses - QW network
                                                         Α
C706
       Network data type -miscellaneous
                                                         OW
       Begin year of data collection
                                                         1968
C115
C116
       End year of data collection
                                                         1968
C117
       Source agency for network data
                                                         USGS
C118
       Frequency of data collection
                                                         Ω
       Type of analyses - QW network
                                                         Н
C120
C706
       Network data type -miscellaneous
                                                         OW
       Begin year of data collection
                                                         1969
C115
                                                         1969
C116
       End year of data collection
C117
       Source agency for network data
                                                         USGS
C118
       Frequency of data collection
C120
       Type of analyses - QW network
                                                         С
C706
       Network data type -miscellaneous
                                                         QW
C184
                                                         19791208
       Remark-date
C185
       Remarks -misc
                                                1 EXACT DATE OF CONSTR/OWNERHSIP
       Remarks -misc
C185
                                                         2 LINKNOWN
C185
       Remarks -misc
                                           3 HACH FIELD TESTS: IRON=300UG/L, PH=8.0
                                                                        603436151184501
C001
         Site ID (station number)
C002
       Type of site
                                                         W
                                                         С
C003
       Record classification
C004
                                                         USGS
       Source agency code
      Latitude
C009
                                                          603436
C010
       Longitude
                                                          1511840
C011
       Lat-long accuracy code
                                                         SB00601225CDCB1 007
C012
       Local well number
                                                         SWSESWS25 T006N R012W S
C013
       Land-net location
                                                         KENAI C-4
C014
       Name of location map
                                                         63360
C015
       Scale of location map
C016
       Altitude of land surface
                                                            79.00
C017
       Method altitude determined
C018
       Altitude accuracy
C019
                                                         F
       Topographic setting
                                                         19020302
C020
       Hydrologic unit code
C023
       Primary use of site
                                                         W
C024
       Primary use of water
                                                         Ρ
                                                         С
C025
       Secondary use of water
                                                              180
C027
       Hole depth
                                                              180
C028
       Depth of well
       Agency use of site code
C803
                                                         Α
                                                         SB00601225CDCB1 007
C900
       Station name
                                                         19670919
C038
       Date lift data collected
C043
       Type of lift
C045
       Type of power
C046
       Horsepower rating
                                                            3.00
       Record type for LIFT subrecord of CONS file
                                                         LIFT
C752
C060
       Date of construction
                                                         1961
                                                         UNKNOWN
C063
       Name of contractor
       Source of construction data
                                                         R
C064
       Method of construction
                                                         С
C065
       Type of finish
C066
       Depth to bottom of seal
C068
C754
       Record type for CONS subrecord of CONS file
       Depth to top of this interval
                                                               .00
C073
                                                           180
C074
       Depth to bottom of this interval
                                                           6.00
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                         HOLE
C756
C077
       Depth to top of this casing string
                                                              .00
C078
                                                           170
       Depth to bottom of this casing string
C079
       Diameter of this casing string
                                                          6.00
C080
       Casing material
                                                          Ι
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
C159
       Date of ownership
                                                          1961
```

```
C161
                                                          THOMAS CARL J
       Owner
C190
       Other identifier
                                                          10522
C191
       Assignor of other identifier
                                                          AKRG
C187
       Date of visit
                                                          19670919
C188
       Person who made visit
                                                          STILL P
C774
       Record type for VIST subrecord of MISC file
                                                          VIST
                                                          19670919
C193
       Date of water-quality measurement
C196
       Water-quality parameter code
                                                          00010
                                                                6.5
C197
       Value of water-quality parameter
C776
       Record type for QUAL subrecord of MISC file
                                                          QUAL
       Begin year of data collection
                                                          1967
C115
                                                          1967
C116
       End year of data collection
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
                                                          0
                                                          н
C120
       Type of analyses - QW network
                                                          OW
C706
       Network data type -miscellaneous
                                                 1 EXACT DATE OF CONSTR/OWNERSHIP
C185
       Remarks -misc
                                                          2 UNKNOWN
C185
       Remarks -misc
       Sequence number for RMKS subrecord of MISC file
C311
                                                                        603434151170801
C001
         Site ID (station number)
C002
                                                          W
       Type of site
                                                          C
C003
       Record classification
C004
       Source agency code
                                                          USGS
C005
       Project number
                                                          KENAI GRJ
                                                           603434
C009
       Latitude
C010
       Longitude
                                                           1511708
       Lat-long accuracy code
C011
                                                          SB00601130CCDB1 005
C012
       Local well number
                                                          SESWSWS30 T006N R011W S
C013
       Land-net location
                                                          KENAI C-4SE KR02
C014
       Name of location map
                                                            25000
       Scale of location map
C015
C016
       Altitude of land surface
C017
       Method altitude determined
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          197007
C021
       Date well constructed
                                                          W
C023
       Primary use of site
                                                          Н
C024
       Primary use of water
                                                                44
C027
       Hole depth
                                                                44
C028
       Depth of well
C029
       Source of depth data
                                                          0
                                                               23
C030
       Water level
                                                          197007
C031
       Date water level measured
                                                          0
C033
       Source of water-level data
C034
       Method water level measured
                                                          SB00601130CCDB1 005
C900
       Station name
C060
       Date of construction
                                                          197007
                                                          KRAXBERGER
C063
       Name of contractor
                                                          0
C064
       Source of construction data
                                                          O
C066
       Type of finish
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
       Depth to top of this interval
                                                                 0
C073
C074
       Depth to bottom of this interval
                                                                44
                                                              6
C075
       Diameter of this interval
                                                          HOLE
       Record type for HOLE subrecord of CONS file
C756
                                                               -.2
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                44
                                                              6
C079
       Diameter of this casing string
                                                          CSNG
C758
       Record type for CSNG subrecord of CONS file
       Begin date for use of this measuring point
                                                          19910814
C321
                                                             .20
C323
       Height of this measuring point
C324
       Description of this measuring point
                                                          TOP OF CASING
                                                          MPNT
       Record type for MPNT subrecord of CONS file
C766
```

```
C159
                                                          197007
       Date of ownership
C161
       Owner
                                                          PARSONS RUTH
C190
       Other identifier
                                                          PARSONS HMSTD
C191
       Assignor of other identifier
       Date of visit
                                                          19910813
C187
C188
       Person who made visit
                                                          GLASS R
C774
       Record type for VIST subrecord of MISC file
                                                          VIST
C115
       Begin year of data collection
                                                          1991
                                                          1991
C116
       End year of data collection
                                                          USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          0
C120
       Type of analyses - QW network
                                                          C
C257
                                                          3
       Primary network
                                                          USGS
C307
       Agency that analyzes samples
C706
       Network data type -miscellaneous
                                                          OW
C708
       Network secondary -misc
                                                          4
C184
                                                          19910813
       Remark-date
                                         R GLASS COULD NOT GET WL BOLT TO TIGHT
C185
       Remarks -misc
       Sequence number for RMKS subrecord of MISC file
C311
                                                           1
C788
       Record type for RMKS subrecord of MISC file
                                                          RMKS
                                         OWNR RPTS OW POOR-HAS SALT PELLET FILTER
C185
       Remarks -misc
                                      AND BOILS ANY TO DRINK, PROBLEMS INCLUDE
C185
       Remarks -misc
                                                 TAST, ODOR, COLOR, STAINING
C185
       Remarks -misc
                                                          ORGANIC COMPOUNDS
C185
       Remarks -misc
C001
         Site ID (station number)
                                                                         603429151180301
C002
       Type of site
                                                          Х
C003
       Record classification
                                                          IJ
                                                          USGS
C004
       Source agency code
                                                          KENAI ERJ
C005
       Project number
C009
       Latitude
                                                           603429
                                                           1511803
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601236ABBA1 004
C012
       Local well number
                                                          NWNWNES36 T006N R012W S
C013
       Land-net location
C014
       Name of location map
                                                          KENAI C-4SE KR01
                                                            25000
C015
       Scale of location map
       Altitude of land surface
                                                                90
C016
       Method altitude determined
                                                          М
C017
                                                           10
C018
       Altitude accuracy
C020
       Hydrologic unit code
                                                          19020302
C021
       Date well constructed
                                                          1986
                                                          0
C023
       Primary use of site
       Primary use of water
                                                          11
C024
C027
       Hole depth
                                                                65
                                                                65
C028
       Depth of well
       Source of depth data
                                                          R
C029
                                                               32
C030
       Water level
                                                          19860108
C031
       Date water level measured
C033
       Source of water-level data
                                                          G
C034
       Method water level measured
                                                          SB00601236ABBA1
C900
       Station name
C060
       Date of construction
                                                          1986
                                                          UNKNOWN
C063
       Name of contractor
C064
       Source of construction data
C066
       Type of finish
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
C073
       Depth to top of this interval
                                                                65
C074
       Depth to bottom of this interval
       Diameter of this interval
C075
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C077
       Depth to top of this casing string
                                                                 0
C078
       Depth to bottom of this casing string
                                                                60
                                                              6
C079
       Diameter of this casing string
```

```
C758
       Record type for CSNG subrecord of CONS file
                                                           CSNG
C083
       Depth to top of this open interval
                                                                 60
C084
                                                                 65
       Depth to bottom of this open interval
C085
       Type of openings in this interval
C087
       Diameter of this open interval
                                                               6
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
                                                           1986
C159
       Date of ownership
                                                  KENAI P B KENAI LANDFILL
C161
C190
       Other identifier
                                                           PKL 3
C191
       Assignor of other identifier
                                                          KENAI LANDFILL
                                                           PKL 3
C190
       Other identifier
                                                          TEST WELL 3
C191
       Assignor of other identifier
C190
       Other identifier
                                                          TEST 3
                                                           KENAI LANDFILL
C191
       Assignor of other identifier
C190
       Other identifier
                                                          UNCONSOL
                                                          UNCONFINED
C191
       Assignor of other identifier
                                                   JAN 1986 ANALYTICAL REPORT
C181
       Other data type
C181
       Other data type
                                                          ANALYTICAL REPORT APIRL
C199
       Type of log
                                                                  0
C200
       Depth to top of logged interval
                                                                 65
C201
       Depth to bottom of logged interval
C202
                                                          R
       Source of log data
       Record type for LOGS subrecord of MISC file
C778
                                                           LOGS
C091
       Depth to top of interval
                                                                  0
C092
       Depth to bottom of interval
                                                                  3
                                                           1100RNR
C093
       Aquifer code
                                                           CLAY
C096
       Lithology code
                                                           GENERALLY SILTY
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                                  3
C091
       Depth to top of interval
                                                                 39
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           110QRNR
                                                           SAND
C096
       Lithology code
       Description of material GENERALLY FN INTERBEDDED W/THIN LAYERS OF SILT&GRVL, LIGNITE
C097
FRAGMENTS&STAINS OF IRON OXIDE DO OCCUR
                                                           ГŢ
C304
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
       Depth to top of interval
                                                                 39
C091
       Depth to bottom of interval
                                                                 44
C092
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SAND
                                             GENERALLY MEDIUM-CRS, COAL VEIN @40FT
C097
       Description of material
C304
       Contributing unit
                                                           U
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
                                                                 44
C091
       Depth to top of interval
                                                                 46
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           1100RNR
                                                           SAND
C096
       Lithology code
                                                           GENERALLY SITLY
C097
       Description of material
C304
       Contributing unit
                                                           GEOH
C748
        Record type for GEOH subrecord of GEOH file
C091
        Depth to top of interval
                                                                 46
                                                           110QRNR
C093
        Aquifer code
C096
        Lithology code
                                                           SDGL
                                                    MEDIUM-CRS, W/SILT LENSES
C097
        Description of material
C304
        Contributing unit
                                                           P
                                                           GEOH
C748
        Record type for GEOH subrecord of GEOH file
                                                           1986
C095
        Aquifer date -geo
                                                                32
C126
        Aquifer-static-level
                                                                          603423151180901
 C001
          Site ID (station number)
        Type of site
 C002
                                                           W
 C003
        Record classification
                                                           Ħ
```

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C004
                                                          USGS
       Source agency code
C005
       Project number
                                                          KENAI ERJ
                                                           603423
C009
       Latitude
C010
                                                           1511809
       Longitude
C011
       Lat-long accuracy code
C012
       Local well number
                                                          SB00601236ABCB1 002
C013
                                                          SWNWNES36 T006N R012W S
       Land-net location
C014
                                                          KENAI C-4SE KR01
       Name of location map
                                                            25000
C015
       Scale of location map
       Altitude of land surface
C016
                                                                90
C017
       Method altitude determined
                                                          М
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          1986
C021
       Date well constructed
C023
       Primary use of site
                                                          \cap
       Primary use of water
                                                          U
C024
C027
                                                                71
       Hole depth
C028
                                                                70
       Depth of well
C029
       Source of depth data
C030
       Water level
                                                             38.8
                                                          19860108
C031
       Date water level measured
C034
       Method water level measured
                                                          SB00601236ABCB1 002
C900
       Station name
                                                          1986
C060
       Date of construction
C063
                                                          UNKNOWN
       Name of contractor
C064
       Source of construction data
                                                          G
C066
       Type of finish
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
C073
       Depth to top of this interval
                                                                  0
C074
       Depth to bottom of this interval
                                                                71
                                                               6
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
                                                               -1 5
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                65
C079
       Diameter of this casing string
                                                               6
                                                          CSNG
C758
       Record type for CSNG subrecord of CONS file
C083
       Depth to top of this open interval
                                                                 65
C084
       Depth to bottom of this open interval
                                                                70
C085
       Type of openings in this interval
                                                          S
C087
       Diameter of this open interval
                                                               6
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C159
       Date of ownership
                                                          1986
                                                      KENAI P B KENAI LANDFILL
C161
       Owner
C190
       Other identifier
                                                          PKL 2
                                                          KENAI LANDFILL
C191
       Assignor of other identifier
C190
       Other identifier
                                                          PKI, 2
C191
       Assignor of other identifier
                                                          KENAI LANDFILL
C190
       Other identifier
                                                          TEST WELL 1
                                                          KENAI LANDFILL
C191
       Assignor of other identifier
                                                          UNCONSOL
C190
       Other identifier
                                                          INCONFINED
C191
       Assignor of other identifier
                                                       1-1986 ANALYTICAL REPORT
C181
       Other data type
C181
       Other data type
                                                      4-1986 ANALYTICAL REPORT
C199
                                                          G
       Type of log
C200
       Depth to top of logged interval
                                                                  0
C201
       Depth to bottom of logged interval
                                                                 71
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C091
       Depth to top of interval
                                                                  0
                                                                  3
C092
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
                                                           CLAY
C096
       Lithology code
C097
       Description of material
                                                           GENERALLY STLY
                                                           N
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
```

```
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                39
C093
       Aquifer code
                                                          1100RNR
C096
       Lithology code
                                                          SAND
       Description of material GENERAL FN, W/THIN LAYERS OF SILT&GRVL, LIGNITE FRAGMENTS &STAINS OF
C097
IRON OXIDE DO OCCUR.WET@36FT
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                39
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                57
                                                          110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                          SDGL
                                              GENERALLY FN-MEDIUM, W/SILT LENSES
C097
       Description of material
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
       Depth to top of interval
C091
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           SDGL
C097
       Description of material
                                         GENERALLY MEDIUM-CRS W/LIGMENT FRAGMENTS
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C095
        Aquifer date -geo
                                                          1986
                                                              38.8
C126
       Aquifer-static-level
C001
          Site ID (station number)
                                                                         603420151161401
C002
                                                          W
       Type of site
                                                          TT
C003
        Record classification
                                                          USGS
C004
        Source agency code
                                                          KENAI ERJ
C005
       Project number
C009
                                                            603420
       Latitude
                                                           1511614
C010
       Longitude
C011
       Lat-long accuracy code
                                                           SB00601131ABDC1 013
C012
       Local well number
                                                           SENWNES31 T006N R011W S
C013
       Land-net location
                                                          KENAI C-4SE KR02
C014
       Name of location map
                                                            25000
C015
        Scale of location map
C016
        Altitude of land surface
                                                                 86
C017
        Method altitude determined
                                                          M
                                                            5
C018
        Altitude accuracy
                                                           19020302
C020
        Hydrologic unit code
                                                           19850808
        Date well constructed
C021
C023
        Primary use of site
C024
        Primary use of water
                                                                 3.0
C027
        Hole depth
C028
        Depth of well
                                                                 30
C029
        Source of depth data
                                                                18
C030
        Water level
                                                           19850808
C031
        Date water level measured
        Source of water-level data
C033
        Method water level measured
C034
                                                           SB00601131ABDC1 013
C900
        Station name
        Date of construction
                                                           19850808
C060
                                                           NORTHLAND DR
        Name of contractor
 C063
 C064
        Source of construction data
                                                           D
        Method of construction
                                                           A
 C065
 C066
        Type of finish
        Record type for CONS subrecord of CONS file
                                                           CONS
 C754
 C073
        Depth to top of this interval
                                                                  0
                                                                 30
 C074
        Depth to bottom of this interval
                                                               6
 C075
        Diameter of this interval
        Record type for HOLE subrecord of CONS file
                                                           HOLE
 C756
                                                                 -2
        Depth to top of this casing string
 C077
        Depth to bottom of this casing string
 C078
                                                                 30
                                                               6
 C079
        Diameter of this casing string
```

```
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                          19850808
C148
       Date discharge measured
                                                                  10
C150
       Discharge
       Source of discharge data
                                                          D
C151
       Method discharge measured
                                                          R
C152
C703
       Discharge type
                                                          19850808
C159
       Date of ownership
                                                          FOX GEORGE
C161
       Owner
                                                          L05B0M
C190
       Other identifier
                                                          WOODLAND PART 2
C191
       Assignor of other identifier
C190
       Other identifier
                                                          UNCONSOL
C191
       Assignor of other identifier
                                                          UNCONFINED
       Type of log
C199
                                                                 0
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                                30
                                                          D
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
                                                   DRLR RPTS NO GROUTING USED
C185
       Remarks -misc
       Record type for RMKS subrecord of MISC file
                                                          RMKS
C788
       Depth to top of interval
C091
C092
       Depth to bottom of interval
                                                                 1
                                                          1100RNR
C093
       Aquifer code
                                                          SOIL
C096
       Lithology code
C097
       Description of material
                                                          TOPSOIL
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                 1
C091
       Depth to top of interval
                                                                18
C092
       Depth to bottom of interval
                                                          1100RNR
C093
       Aquifer code
                                                          SDGL
C096
       Lithology code
                                                          N
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
C091
       Depth to top of interval
                                                                18
                                                          1100RNR
C093
       Aquifer code
                                                          SDGL
C096
       Lithology code
C097
       Description of material
                                                          WATER
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                          19850808
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                               18
                                                          100
       Aquifer contribution
C132
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
C750
                                                                         603413151105501
C001
         Site ID (station number)
                                                          W
C002
       Type of site
C003
       Record classification
C004
       Source agency code
                                                          USGS
                                                           603413
C009
       Latitude
                                                           1511055
       Longitude
C010
C011
       Lat-long accuracy code
                                                          SB00601134ACAC1 004
C012
       Local well number
                                                          NESWNES34 T006N R011W S
C013
       Land-net location
                                                          KENAI C-4
C014
       Name of location map
                                                          63360
C015
       Scale of location map
       Altitude of land surface
                                                             85.00
C016
       Method altitude determined
                                                          М
C017
                                                           10
C018
       Altitude accuracy
C019
       Topographic setting
C020
       Hydrologic unit code
                                                           19020302
C021
       Date well constructed
                                                           19660101
       Primary use of site
C023
C024
       Primary use of water
                                                               20.0
C027
       Hole depth
C028
       Depth of well
                                                               20.0
```

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C803
       Agency use of site code
                                                          SB00601134ACAC1 004
C900
       Station name
C043
       Type of lift
C045
                                                          E
       Type of power
C752
       Record type for LIFT subrecord of CONS file
                                                         LIFT
                                                          1966
C060
       Date of construction
                                                          UNKNOWN
C063
       Name of contractor
       Source of construction data
                                                         R
C064
C065
       Method of construction
                                                         v
                                                          т
C066
       Type of finish
                                                             0
C068
       Depth to bottom of seal
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
                                                          1966
C159
       Date of ownership
C161
                                                       CHURCH/CHRIST EAST KENAI
       Owner
C190
       Other identifier
                                                          10488
       Assignor of other identifier
                                                          AKRG
C191
C193
       Date of water-quality measurement
                                                          19660906
C196
       Water-quality parameter code
                                                          00010
C197
       Value of water-quality parameter
                                                               11.0
                                                          QUAL
C776
       Record type for QUAL subrecord of MISC file
                                                          1966
C115
       Begin year of data collection
                                                          1966
C116
       End year of data collection
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
                                                          0
C120
       Type of analyses - QW network
                                                          Α
       Network data type -miscellaneous
                                                          OW
C706
C184
       Remark-date
                                                          19790917
                                              1 DATE OF CONSTR/OWNERSHIP UNKNOWN
C185
       Remarks -misc
                                                          2 DEPTH UNCERTAIN
C185
       Remarks -misc
                                                                        603412151104601
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          TT
                                                          USGS
C004
       Source agency code
C005
       Project number
                                                          KENAI SCK
                                                           603412
C009
       Latitude
                                                           1511046
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601134ADBC1 021
C012
       Local well number
                                                          NWSENES34 TOO6N RO11W S
C013
       Land-net location
                                                          KENAI C-4SE KR03
C014
       Name of location map
C015
       Scale of location map
                                                            25000
C016
       Altitude of land surface
                                                                90
C017
       Method altitude determined
C018
       Altitude accuracy
                                                           10
                                                          19020302
C020
       Hydrologic unit code
                                                          19801201
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                          Н
                                                                42
C027
       Hole depth
C028
       Depth of well
                                                                42
       Source of depth data
C029
C030
       Water level
                                                               14
                                                          1985
C031
       Date water level measured
                                                          0
C033
       Source of water-level data
       Method water level measured
C034
                                                          SB00601134ADBC1 021
C900
       Station name
                                                          19801201
C060
       Date of construction
                                                          WS&S CO
C063
       Name of contractor
                                                          D
C064
       Source of construction data
C066
       Type of finish
                                                          S
                                                          CONS
C754
       Record type for CONS subrecord of CONS file
C073
       Depth to top of this interval
                                                                 0
                                                                42
C074
       Depth to bottom of this interval
```

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C075
       Diameter of this interval
C756
       Record type for HOLE subrecord of CONS file
                                                           HOLE
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                 40
C079
       Diameter of this casing string
                                                               6
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                                40
C083
       Depth to top of this open interval
C084
       Depth to bottom of this open interval
                                                                42
C085
       Type of openings in this interval
                                                           S
C087
       Diameter of this open interval
                                                              6
C088
       Width of openings
                                                              .18
       Record type for OPEN subrecord of CONS file
C760
                                                          OPEN
C148
                                                          19801201
       Date discharge measured
C150
       Discharge
                                                                   12
       Source of discharge data
                                                          D
C151
C152
       Method discharge measured
                                                          R
C703
       Discharge type
                                                           P
                                                          19801201
C159
       Date of ownership
                                                          HALL BRUCE
C161
       Owner
C159
       Date of ownership
                                                           1985
                                                          YRAGUI MARY JEAN
C161
       Owner
       Record type for OWNR subrecord of MISC file
                                                          OWNR
C768
C190
                                                          L027
       Other identifier
C191
       Assignor of other identifier
                                                           SECTION 34 LOTS
C190
       Other identifier
                                                           UNCONSOL
       Assignor of other identifier
                                                           UNCONFINED
C191
C181
                                                INSPECTION FOR WTR&SEWER SYS 1980
       Other data type
C182
       Other data location
                                                          D
C261
       Format of other data
                                                          F
C181
       Other data type
                                              APPLICATION FOR WTR&SEWER SYS 1985
C182
                                                          D
       Other data location
                                                           F
C261
       Format of other data
       Record type for OTDT subrecord of MISC file
C772
                                                          OTDT
C199
       Type of log
       Depth to top of logged interval
C200
                                                                 0
C201
                                                                 42
       Depth to bottom of logged interval
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
                                                                  ٥
C091
       Depth to top of interval
                                                                  6
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
C304
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 2.2
C093
       Aquifer code
                                                           110QRNR
                                                           SAND
C096
       Lithology code
                                                           W/WATER
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                           GEOH
C091
       Depth to top of interval
                                                                 22
                                                                 24
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           COAL
                                                           SOFT
C097
       Description of material
                                                           П
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 24
C091
       Depth to top of interval
C093
                                                           1100RNR
       Aquifer code
C096
                                                           SAND
       Lithology code
C097
       Description of material
                                                           WATER
C304
       Contributing unit
                                                           Ρ
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C095
       Aquifer date -geo
                                                           1985
```

C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	1985
C126	Aquifer-static-level	14
C001	Site ID (station number)	603409151103101
C002	Type of site	W
C003	Record classification	Ü
C004	Source agency code	USGS
C005	Project number	KENAI SCK
C009	Latitude	603409
C010	Longitude	1511031
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134ADDB1 020
C013	Land-net location	SESENES34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
C015	Scale of location map	25000
C016	Altitude of land surface	90
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	1975
C023	Primary use of site	W H
C024	Primary use of water	187
C027 C028	Hole depth	187
C028	Depth of well Source of depth data	D
C029	Water level	70
C030	Date water level measured	1975
C031	Source of water-level data	D
C034	Method water level measured	R
C900	Station name	SB00601134ADDB1 020
C060	Date of construction	1975
C063	Name of contractor	DARC ENTRPRS
C064	Source of construction data	D
C066	Type of finish	0
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	187
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-1
C078	Depth to bottom of this casing string	187
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C148	Date discharge measured	1984
C150	Discharge	10 D
C151	Source of discharge data	R
C152 C153	Method discharge measured Production level	98
C153	Static water level	70
C154	Source of water-level data	D
C156	Method water level measured	R
C272	Specific capacity -disch	.36
C309	Water-level drawdown	28
C703	Discharge type	P
C159	Date of ownership	1975
C161	Owner	HALSTEAD LEE
C159	Date of ownership	1979
C161	Owner	MCGRADY RICHARD
C768	Record type for OWNR subrecord of MISC file	OWNR
C159	Date of ownership	1984
C161	Owner	LANE JACK
C768	Record type for OWNR subrecord of MISC file	OWNR
C159	Date of ownership	1986

```
C161
                                                          WHITE LISA
C768
       Record type for OWNR subrecord of MISC file
                                                          OWNR
                                                          1.045
       Other identifier
C190
       Assignor of other identifier
                                                          SECTION 34 LOTS
C191
                                                          UNCONSOL
C190
       Other identifier
C191
       Assignor of other identifier
                                                          CONFINED
                                              APPLICATION FOR WTR&SEWER SYS 1975
C181
       Other data type
       Other data location
                                                          D
C182
C261
       Format of other data
                                                          F
                                            APPLICATION FOR WTR&SEWER SYS 1986
C181
       Other data type
                                                          D
C182
       Other data location
       Format of other data
                                                          F
C261
       Record type for OTDT subrecord of MISC file
                                                          OTDT
C772
                                       APPLICATION FOR WTR&SEWER SYS 1990
C181
       Other data type
C182
       Other data location
                                                          D
                                                          F
C261
       Format of other data
                                                          OTDT
       Record type for OTDT subrecord of MISC file
C772
C199
       Type of log
                                                          D
C200
       Depth to top of logged interval
                                                             187
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                          D
       Record type for LOGS subrecord of MISC file
C778
                                                          LOGS
                                                                 n
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 3
                                                          110QRNR
C093
       Aquifer code
                                                          GRVL
C096
       Lithology code
       Description of material
                                                          W/SLTY SOIL
C097
                                                          N
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                                 3
C091
       Depth to top of interval
       Depth to bottom of interval
                                                                12
C092
                                                          110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                          SAND
                                                          SILTY
       Description of material
C097
                                                          N
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
       Depth to top of interval
                                                                12
C091
C092
       Depth to bottom of interval
                                                                28
                                                          1100RNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
C097
       Description of material
                                                    SURFACE WTR IN BRN SILTY SAND
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                28
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                32
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
C097
                                                   WTR IN CLEAN MED FN SAND
       Description of material
       Contributing unit
C304
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                                 32
                                                                 39
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                          SAND
C097
                                                          WTR, SILTY
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
                                                                 39
C091
       Depth to top of interval
       Depth to bottom of interval
                                                                 42
C092
                                                          110QRNR
C093
       Aquifer code
                                                          CLAY
C096
       Lithology code
                                                          SLTY GRAVELY
C097
       Description of material
C304
       Contributing unit
                                                          N
                                                          GEOH
       Record type for GEOH subrecord of GEOH file
C748
                                                                 42
C091
       Depth to top of interval
```

```
C092
       Depth to bottom of interval
                                                                 43
                                                           1100RNR
C093
       Aquifer code
                                                          GRVI.
C096
       Lithology code
                                                           WTR, SANDY PEA GRVL
C097
       Description of material
C304
       Contributing unit
                                                          N
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                 43
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 44
                                                           110QRNR
C093
       Aguifer code
C096
       Lithology code
                                                           SAND
                                                           WTR, SILTY
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
       Depth to top of interval
                                                                 44
C091
C092
                                                                 47
       Depth to bottom of interval
                                                           1100RNR
C093
       Aguifer code
                                                           GRVL
C096
       Lithology code
C097
       Description of material
                                             CLEAN WTR, VR IRONY, HEAVING SANDY
C304
       Contributing unit
                                                          N
                                                          GEOH
       Record type for GEOH subrecord of GEOH file
C748
       Depth to top of interval
                                                                 47
C091
C092
                                                                 54
       Depth to bottom of interval
C093
       Aguifer code
                                                           1100RNR
C096
       Lithology code
                                                           SDCL
C097
       Description of material
                                                           SILTY
C304
       Contributing unit
                                                           N
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
                                                                 54
C091
       Depth to top of interval
                                                                 58
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
                                                           SDGL
C096
       Lithology code
       Description of material
                                                           SILTY
C097
       Contributing unit
                                                           N
C304
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
       Depth to top of interval
                                                                 58
C091
C092
       Depth to bottom of interval
                                                                 71
                                                           110QRNR
C093
       Aquifer code
                                                           SDCL
C096
       Lithology code
       Description of material
                                                           SILTY
C097
                                                           N
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C091
       Depth to top of interval
                                                                 71
                                                                 81
C092
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                           SDGL
                                                           WB, SILTY
C097
       Description of material
                                                           N
C304
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                 81
C091
       Depth to top of interval
                                                                 85
C092
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                           SDGL
C097
       Description of material
                                                           WB, SILTY, LARGE GRAVEL
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
                                                                 85
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 89
                                                           110QRNR
C093
       Aquifer code
                                                           SAND
C096
       Lithology code
                                                           WB, SILTY
C097
       Description of material
C304
       Contributing unit
                                                           N
       Record type for GEOH subrecord of GEOH file
C748
                                                           GEOH
       Depth to top of interval
                                                                 ΩQ
C091
                                                                 90
C092
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
```

```
C096
       Lithology code
                                                          CL.AV
C097
                                                          SMALL LAYER
       Description of material
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
       Depth to top of interval
                                                                90
C091
C092
       Depth to bottom of interval
                                                                95
                                                          110QRNR
C093
       Aquifer code
C096
                                                          SAND
       Lithology code
C097
                                                          SILTY
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
C091
       Depth to top of interval
                                                                95
C092
       Depth to bottom of interval
                                                               110
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          CLAY
C097
       Description of material
                                                          SILTY
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                               110
C092
       Depth to bottom of interval
                                                               111
C093
       Aquifer code
                                                          110QRNR
C096
                                                          SDGL
       Lithology code
                                                LARGE 2IN-4IN GRVL W/SILTY SAND
C097
       Description of material
C304
       Contributing unit
                                                          N
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                               111
       Depth to bottom of interval
                                                               120
C092
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          CLAY
C097
       Description of material
                                                          SILTY
C304
       Contributing unit
                                                          N
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
       Depth to top of interval
C091
                                                               120
C092
       Depth to bottom of interval
                                                               121
                                                          1100RNR
C093
       Aquifer code
                                                          GRDS
C096
       Lithology code
                                                          WB, THIN LAYER, FN GRVL
C097
       Description of material
C304
       Contributing unit
C748
                                                          GEOH
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                               121
C092
       Depth to bottom of interval
                                                               130
C093
                                                          110QRNR
       Aquifer code
C096
                                                          CLAY
       Lithology code
C097
       Description of material
                                                          SILTY
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                               130
       Depth to bottom of interval
                                                               133
C092
C093
       Aquifer code
                                                           1100RNR
C096
       Lithology code
                                                           SAND
                                                          SILTY FINE
C097
       Description of material
C304
       Contributing unit
                                                          N
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                               133
       Depth to bottom of interval
                                                               134
C092
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SDST
                                                           HEAVING
C097
       Description of material
C304
                                                          N
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                                134
       Depth to bottom of interval
                                                                145
C092
C093
       Aquifer code
                                                           110QRNR
C096
                                                           SILT
       Lithology code
C097
                                                           HARD DRY
       Description of material
```

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C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                               145
                                                               170
C092
       Depth to bottom of interval
                                                          1100RNR
C093
       Aquifer code
                                                          CLAY
C096
       Lithology code
C304
                                                          N
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                               170
C091
       Depth to top of interval
C093
       Aquifer code
                                                          110QRNR
                                                          SDCL
C096
       Lithology code
                                                          WB. SILTY CLAY
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                          1975
C095
       Aguifer date -geo
C750
       Record type for AOFR subrecord of GEOH file
                                                          AOFR
                                                          1975
C095
       Aquifer date -geo
C750
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
C095
       Aquifer date -geo
                                                          1975
C750
       Record type for AOFR subrecord of GEOH file
                                                          AOFR
C095
       Aquifer date -geo
                                                          1975
C750
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
                                                          1975
C095
       Aquifer date -geo
C750
                                                          AOFR
       Record type for AQFR subrecord of GEOH file
C095
                                                          1975
       Aquifer date -geo
C750
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
C095
       Aquifer date -geo
                                                          1975
C750
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
C095
       Aquifer date -geo
                                                          1975
                                                          AQFR
C750
       Record type for AQFR subrecord of GEOH file
C095
       Aquifer date -geo
                                                          1975
       Record type for AQFR subrecord of GEOH file
                                                          AOFR
C750
                                                          1975
C095
       Aquifer date -geo
       Record type for AQFR subrecord of GEOH file
                                                          AOFR
C750
                                                          1975
C095
       Aquifer date -geo
                                                               70
C126
       Aquifer-static-level
                                                                         603416151180901
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
                                                          IJ
       Record classification
C004
       Source agency code
                                                          USGS
                                                          KENAI ERJ
C005
       Project number
                                                           603416
C009
       Latitude
C010
                                                           1511809
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601236ACBB1 003
C012
       Local well number
                                                          NWSWNES36 T006N R012W S
C013
       Land-net location
                                                          KENAI C-4SE KR01
C014
       Name of location map
                                                             25000
       Scale of location map
C015
       Altitude of land surface
                                                                 90
C016
C017
       Method altitude determined
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          1986
C021
       Date well constructed
                                                          0
C023
       Primary use of site
                                                          ΤŦ
       Primary use of water
C024
                                                                 69
C027
       Hole depth
                                                               68.5
C028
       Depth of well
       Source of depth data
C029
                                                              41.4
C030
       Water level
                                                           19860108
C031
       Date water level measured
C033
       Source of water-level data
C034
       Method water level measured
                                                           SB00601236ACBB1 003
C900
       Station name
```

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1986
C060
       Date of construction
C063
                                                          UNKNOWN
       Name of contractor
C064
       Source of construction data
                                                          G
C066
       Type of finish
C723
       Record number for construction subrecord
                                                            1
                                                          19910809
C755
       Last update for CONS subrecord of CONS file
C073
       Depth to top of this interval
                                                                 0
C074
       Depth to bottom of this interval
                                                                69
                                                              6
       Diameter of this interval
C075
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C077
       Depth to top of this casing string
C078
                                                              63.5
       Depth to bottom of this casing string
C079
       Diameter of this casing string
                                                              6
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                              63.5
C083
       Depth to top of this open interval
C084
       Depth to bottom of this open interval
                                                              68.5
C085
       Type of openings in this interval
C087
                                                              6
       Diameter of this open interval
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C760
C159
       Date of ownership
                                                          1986
                                                       KENAI P B KENAI LANDFILL
C161
       Owner
C190
       Other identifier
                                                          PKL 1
C191
       Assignor of other identifier
                                                          KENAI LANDFILL
C190
       Other identifier
                                                          PKL 1
                                                          TEST 2
C191
       Assignor of other identifier
C190
       Other identifier
                                                          TEST WELL 2
                                                          KENAI LANDFILL
C191
       Assignor of other identifier
                                                          UNCONSOL
C190
       Other identifier
C191
       Assignor of other identifier
                                                          UNCONFINED
       Other data type
                                                       ANALYTICAL REPORT JAN 1986
C181
       Record type for OTDT subrecord of MISC file
                                                          OTDT
C772
                                                     ANALYTICAL REPORT APRIL 1986
C181
       Other data type
C772
       Record type for OTDT subrecord of MISC file
                                                          ОТОТ
C199
       Type of log
                                                          G
C200
       Depth to top of logged interval
                                                                 0
                                                                69
C201
       Depth to bottom of logged interval
C202
                                                          R
       Source of log data
       Record type for LOGS subrecord of MISC file
C778
                                                          LOGS
C091
       Depth to top of interval
                                                                  0
       Depth to bottom of interval
                                                                  3
C092
                                                          110QRNR
C093
       Aquifer code
                                                          CLAY
C096
       Lithology code
                                                          GENERALLY SLTY
C097
       Description of material
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                 3
                                                                 37
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                          110QRNR
                                                          SAND
C096
       Lithology code
       Description of material GENERALLY FN, INTERBEDDED W/THIN LAYERS OF SILT&GRVL
C097
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                37
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 45
                                                           1100RNR
C093
       Aquifer code
                                                           SDGL.
C096
       Lithology code
                                                          GENERAL FN-MEDIUM
C097
       Description of material
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                 45
                                                               61.5
C092
       Depth to bottom of interval
C093
                                                           110QRNR
       Aquifer code
C096
        Lithology code
                                                           SAND
                                                          GENERALLY SLTY
C097
       Description of material
C304
       Contributing unit
```

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C748
       Record type for GEOH subrecord of GEOH file
                                                         CEOH
C091
       Depth to top of interval
                                                             61.5
C093
       Aquifer code
                                                         1100RNR
C096
       Lithology code
                                                         SDGL
C097
       Description of material GENERALLY CRS, W/SILT LENSES, LIGNITE FRAGMENTS PRESENT
C304
       Contributing unit
C748
                                                         GEOH
       Record type for GEOH subrecord of GEOH file
                                                         1986
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                            41.4
C001
        Site ID (station number)
                                                                        603405151100301
C002
      Type of site
                                                         W
C003
                                                         TT
      Record classification
       Source agency code
                                                         USGS
C004
C009
      Latitude
                                                          603405
                                                          1511003
C010
      Longitude
C011
      Lat-long accuracy code
C012
      Local well number
                                                         SB00601135BCDC1 002
                                                         SESWNWS35 T006N R011W S
C013
       Land-net location
                                                         KENAI C-4SE KR03
C014
      Name of location map
                                                           25000
C015
      Scale of location map
C016
       Altitude of land surface
                                                               90
C017
      Method altitude determined
                                                          10
C018
      Altitude accuracy
                                                         19020302
C020
      Hydrologic unit code
                                                         19490305
C021
      Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                         Н
                                                               27
C027
       Hole depth
                                                               27
C028
       Depth of well
C029
       Source of depth data
                                                         Ω
C030
       Water level
                                                              10
C031
       Date water level measured
                                                         19781228
C033
       Source of water-level data
       Method water level measured
                                                         R
C034
                                                                        SB00601135BCDC1
                                                                                             002
C900
         Station name
                                                         19490305
C159
       Date of ownership
C161
       Owner
                                                         COLE MALCOM&GRACE
C190
       Other identifier
                                                         LOF
       Assignor of other identifier
                                                         COLE SUB
C191
C190
       Other identifier
                                                         040091
C191
       Assignor of other identifier
                                                         ADL
                                                      WATER RIGHTS CERTIFICATE
C181
       Other data type
C182
       Other data location
                                                         D
                                                         F
C261
       Format of other data
                                                         19490305
C184
       Remark-date
C185
       Remarks -misc
                                         ALL INFO FROM WATER RIGHTS CERTIFICATE
                                                                        603406151120301
         Site ID (station number)
C001
C002
       Type of site
                                                         W
C003
       Record classification
                                                         М
                                                         USGS
C004
       Source agency code
                                                         KENAI SLK
C005
       Project number
                                                          603406
C009
       Latitude
                                                          1511203
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601134BCCC1 023
C012
       Local well number
C013
       Land-net location
                                                         SWSWNWS34 T006N R011W S
      Name of location map
                                                          KENAI C-4SE KR3
C014
                                                           25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                               90
C017
       Method altitude determined
                                                          М
                                                          10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
```

```
C021
       Date well constructed
                                                          1976
C023
       Primary use of site
                                                          W
C024
       Primary use of water
                                                          Н
                                                                30
C027
       Hole depth
                                                                30
C028
       Depth of well
                                                          0
       Source of depth data
C029
                                                                         SB00601134BCCC1 023
C900
         Station name
C060
       Date of construction
                                                          1976
                                                          UNKNOWN
C063
       Name of contractor
                                                          0
       Source of construction data
C064
       Type of finish
                                                          т
C066
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
       Depth to top of this interval
C073
       Depth to bottom of this interval
                                                                30
C074
C075
       Diameter of this interval
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
       Depth to top of this casing string
C077
C079
       Diameter of this casing string
                                                              6
                                                          CSNG
C758
       Record type for CSNG subrecord of CONS file
                                                          1976
C159
       Date of ownership
                                                          MATTSON WILLIAM
C161
       Owner
C159
       Date of ownership
                                                          1980
C161
       Owner
                                                          WALSH JACK
       Record type for OWNR subrecord of MISC file
                                                          OWNR
C768
C190
       Other identifier
                                                          1.03
C191
       Assignor of other identifier
                                                          KEITH SUB
                                             APPLICATION FOR WTR&SEWER SYS 1976
C181
       Other data type
                                                          D
C182
       Other data location
       Format of other data
                                                          F
C261
C181
       Other data type
                                             INSPECTION FOR WTR&SEWER SYS 1980
C182
       Other data location
                                                          D
C261
       Format of other data
                                                          F
       Record type for OTDT subrecord of MISC file
                                                          OTDT
C772
                                                 ALL INFO FROM WTR&SEWER APP
C185
       Remarks -misc
       Record type for RMKS subrecord of MISC file
                                                          RMKS
C788
C184
       Remark-date
                                                          19760517
                                                 WELL UNDER HOUSE SURVEYOR RPTS
C185
       Remarks -misc
                                                                         603406151123501
C001
         Site ID (station number)
C002
       Type of site
                                                          W
                                                          П
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                           603406
C009
       Latitude
C010
       Longitude
                                                           1511235
C011
       Lat-long accuracy code
                                                          SB00601133ACDD1 011
C012
       Local well number
                                                           SESWNES33 TOO6N R011W S
C013
       Land-net location
                                                          KENAI C-4SE KR02
C014
       Name of location map
C015
       Scale of location map
                                                            25000
                                                                90
C016
       Altitude of land surface
       Method altitude determined
C017
C018
       Altitude accuracy
                                                           10
C020
       Hydrologic unit code
                                                           19020302
                                                          19871016
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                          Н
                                                                 36
C027
       Hole depth
                                                                 36
C028
       Depth of well
       Source of depth data
                                                           D
C029
       Water level
C030
                                                           19871016
C031
       Date water level measured
C033
       Source of water-level data
C034
       Method water level measured
                                                           SB00601133ACDD1 011
C900
       Station name
```

```
C060
       Date of construction
                                                           19871016
C063
       Name of contractor
                                                           NORTHLAND DR
C064
       Source of construction data
                                                           D
C065
       Method of construction
                                                           Α
C066
       Type of finish
C754
       Record type for CONS subrecord of CONS file
                                                           CONS
C073
       Depth to top of this interval
                                                                  Λ
C074
       Depth to bottom of this interval
                                                                 36
C075
       Diameter of this interval
                                                               6
C756
       Record type for HOLE subrecord of CONS file
                                                           HOLE
                                                                 -2
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                 32
C079
       Diameter of this casing string
                                                               6
C080
       Casing material
                                                           S
C758
       Record type for CSNG subrecord of CONS file
                                                           CSNG
                                                                 32
C083
       Depth to top of this open interval
C084
       Depth to bottom of this open interval
                                                                 36
C085
       Type of openings in this interval
                                                           S
       Diameter of this open interval
C087
                                                               6
C088
       Width of openings
                                                             .010
C760
       Record type for OPEN subrecord of CONS file
                                                           OPEN
C148
       Date discharge measured
                                                           19871016
C150
       Discharge
                                                                   2.0
C151
       Source of discharge data
                                                           D
                                                           R
C152
       Method discharge measured
C157
       Duration of discharge before producing level
                                                                 4
       Discharge type
C703
                                                           P
                                                           19871016
C159
       Date of ownership
C161
       Owner
                                                           SATHER JOHN
C190
       Other identifier
                                                           L08B
       Assignor of other identifier
C191
                                                           THUMBLINA SUB
       Other identifier
C190
                                                           L08
C191
       Assignor of other identifier
                                                           SECTION 33 LOTS
       Other identifier
                                                           UNCONSOL.
C190
       Assignor of other identifier
                                                           UNCONFINED
C191
C199
       Type of log
                                                           D
                                                                  0
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                                 36
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
                                                           19871016
C184
       Remark-date
                                                  DRLR RPTS NO WELL GROUTING USED
C185
       Remarks -misc
C788
       Record type for RMKS subrecord of MISC file
                                                           RMKS
C789
       Last update for RMKS subrecord of MISC file
                                                           19900411
C091
       Depth to top of interval
                                                                  n
C092
       Depth to bottom of interval
                                                                  3
C093
       Aquifer code
                                                           110QRNR
       Lithology code
                                                           SOIL
C096
                                                           SANDY CLAY-TOPSOIL
C097
       Description of material
C304
       Contributing unit
                                                           N
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                  3
       Depth to top of interval
C091
                                                                 30
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
C097
       Description of material
                                                           BROWN
C304
       Contributing unit
                                                           S
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
       Depth to top of interval
                                                                 30
C091
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SAND
                                                           SAND-LOG UNREADABLE
C097
       Description of material
C304
       Contributing unit
                                                           P
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                           19871016
C095
       Aquifer date -geo
```

C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19871016
C126	Aquifer-static-level	20
		COO 40 F4 F44 0 0 0 0 4
C001	Site ID (station number)	603405151120201
C002	Type of site Record classification	W U
C003 C004		USGS
C004	Source agency code Project number	KENAI ERJ
C003	Latitude	603405
C010	Longitude	1511202
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134BCCC2 023
C013	Land-net location	SWSWNWS34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
C015	Scale of location map	25000
C016	Altitude of land surface	90
C017	Method altitude determined	М
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19840608
C023	Primary use of site	W
C024	Primary use of water	Н 32
C027 C028	Hole depth	32
C028	Depth of well Source of depth data	D
C030	Water level	8
C030	Date water level measured	19840608
C033	Source of water-level data	D
C034	Method water level measured	R
C900	Station name	SB00601134BCCC2 023
C060	Date of construction	19840608
C063	Name of contractor	PENINSULA DR
C064	Source of construction data	D
C066	Type of finish	S
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	32
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	
C077	Depth to top of this casing string	-1 29
C078	Depth to bottom of this casing string	6
C079 C081	Diameter of this casing string Wall thickness of this casing	.025
C758	Record type for CSNG subrecord of CONS file	
C083	Depth to top of this open interval	29
C084	Depth to bottom of this open interval	32
C085	Type of openings in this interval	S
C087	Diameter of this open interval	6
C088	Width of openings	.010
C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	19840608
C150	Discharge	16.7
C151	Source of discharge data	D
C152	Method discharge measured	R
C153	Production level	16
C154	Static water level	8
C155	Source of water-level data	D R
C156 C272	Method water level measured	2.09
C272	Specific capacity -disch Water-level drawdown	8
C702	Last update -disch	19930616
C702	Discharge type	P
C159	Date of ownership	19840608

```
BROECKEL DALE
C161
       Owner
C190
      Other identifier
                                                         1.05
       Assignor of other identifier
                                                         KEITH SUB
C191
                                                         UNCONSOL
C190
       Other identifier
                                                         UNCONFINED
C191
       Assignor of other identifier
       Other data type
                                               APPLICATION FOR SEWER&WATER 1984
C181
                                                     WTR&SEWER INSPECTION RPTS
C181
       Other data type
C199
       Type of log
       Depth to top of logged interval
                                                                0
C200
                                                                32
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                          D
                                                         LOGS
C778
       Record type for LOGS subrecord of MISC file
       Depth to top of interval
                                                                 0
C091
C092
       Depth to bottom of interval
                                                                 1
                                                          1100RNR
       Aquifer code
C093
C096
       Lithology code
                                                         GRVL
                                                          FILL
C097
       Description of material
                                                         N
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                         GEOH
C091
       Depth to top of interval
                                                                 1
       Depth to bottom of interval
                                                                10
C092
       Aquifer code
                                                          1100RNR
C093
                                                          SAND
C096
       Lithology code
       Contributing unit
                                                          N
C304
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
       Depth to top of interval
                                                                10
C091
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          WTR
       Description of material
C097
                                                          Р
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                          19840608
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                                        603300151091501
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          TT
                                                          USGS
C004
       Source agency code
                                                          02
C006
       District code
                                                          02
C007
       State code
                                                           603400
C009
       Latitude
       Longitude
                                                           1510915
C010
C011
       Lat-long accuracy code
                                                          SB00601135DBBD2 001
       Local well number
C012
                                                          NWNWSES35 T006N R011W S
C013
       Land-net location
                                                          KENAI C-4
       Name of location map
C014
                                                          63360
       Scale of location map
C015
C016
       Altitude of land surface
                                                             59.00
       Method altitude determined
                                                          М
C017
C018
       Altitude accuracy
                                                            5
C019
       Topographic setting
                                                          19020302
       Hydrologic unit code
C020
                                                          19700101
C021
       Date well constructed
C023
       Primary use of site
                                                          Р
C024
       Primary use of water
                                                               287
       Hole depth
C027
                                                               287
C028
       Depth of well
C030
       Water level
                                                            -4.00
                                                          19700801
       Date water level measured
C031
       Source of water-level data
C033
C803
       Agency use of site code
                                                          Α
                                                                                              001
                                                                         SB00601135DBBD2
C900
       Station name
                                                          1970
C060
       Date of construction
                                                          UNKNOWN
C063
       Name of contractor
```

C064	Source of construction data	S
C065	Method of construction	С
C066	Type of finish	S
C068	Depth to bottom of seal	0
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	287
C075	Diameter of this interval	12.0
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	.00
C078	Depth to bottom of this casing string	252
C079	Diameter of this casing string	12.0
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	252
C084	Depth to bottom of this open interval	262
C085	Type of openings in this interval	S
C088	Width of openings	.020
C760	Record type for OPEN subrecord of CONS file	OPEN
C083	Depth to top of this open interval	262
C084	Depth to bottom of this open interval	277
C085	Type of openings in this interval	S
C088	Width of openings	.025
C760	Record type for OPEN subrecord of CONS file	OPEN
C083	Depth to top of this open interval	277
C084	Depth to bottom of this open interval	287
C085	Type of openings in this interval	S
C088	Width of openings	.015
C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	197008
C150	Discharge	830
C151	Source of discharge data	S
C152	Method discharge measured	0
C153	Production level	94.0
C154	Static water level	16.0
C155	Source of water-level data	S
C156	Method water level measured	A
C157	Duration of discharge before producing level	24.0
C272	Specific capacity -disch	10.6
C309	Water-level drawdown	78.0
C702	Last update -disch	19860314
C703	Discharge type	P
C159	Date of ownership	1970
C161	Owner	KENAI CITY OF
C190	Other identifier	10871
C191	Assignor of other identifier	AKRG
C190	Other identifier	PW1
C191	Assignor of other identifier	BEAVER CREEK
C190	Other identifier	TW5
C191	Assignor of other identifier	KENAI CITY OF
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	HYD DATA D
C182	Other data location	M .
C261	Format of other data	m PSA
C181	Other data type	D D
C182	Other data location	P
C261	Format of other data Record type for OTDT subrecord of MISC file	OTDT
C772 C187	Date of visit	19700812
		ANDERSON G
C188 C774	Person who made visit Record type for VIST subrecord of MISC file	VIST
C174 C193		19700812
C193	Date of water-quality measurement Water-quality parameter code	00010
C196	Value of water-quality parameter	4.0
C776	Record type for QUAL subrecord of MISC file	QUAL
C//0	vecord tybe for down amprecord or wise file	AOVD

```
19761123
       Date of water-quality measurement
C196
       Water-quality parameter code
                                                           00095
C197
       Value of water-quality parameter
                                                                 205
C776
       Record type for QUAL subrecord of MISC file
                                                           QUAL
C199
       Type of log
                                                           \Gamma
C200
       Depth to top of logged interval
                                                                 .00
                                                             287
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                           D
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C199
       Type of log
C200
       Depth to top of logged interval
                                                              10.0
C201
       Depth to bottom of logged interval
                                                             287
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C199
       Type of log
C200
       Depth to top of logged interval
                                                              10 0
C201
       Depth to bottom of logged interval
                                                             287
                                                           S
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C199
       Type of log
C200
       Depth to top of logged interval
                                                              10.0
C201
       Depth to bottom of logged interval
                                                             287
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
       Begin year of data collection
                                                           1970
C115
                                                           1970
C116
       End year of data collection
C117
       Source agency for network data
                                                           USGS
C118
       Frequency of data collection
                                                           0
       Type of analyses - QW network
Network data type -miscellaneous
C120
                                                           М
C706
                                                           OW
C780
       Record type for NETW subrecord of MISC file
                                                           NETW
                                                           1974
C115
       Begin year of data collection
C116
       End year of data collection
                                                           1974
C117
       Source agency for network data
                                                           USGS
C118
       Frequency of data collection
                                                           0
C120
       Type of analyses - QW network
                                                           М
C706
                                                           OW
       Network data type -miscellaneous
C780
                                                           NETW
       Record type for NETW subrecord of MISC file
C115
                                                           1976
       Begin year of data collection
C116
       End year of data collection
                                                           1976
C117
                                                           USGS
       Source agency for network data
C118
       Frequency of data collection
                                                           0
C120
       Type of analyses - QW network
                                                           7.
C706
       Network data type -miscellaneous
                                                           WQ
C780
       Record type for NETW subrecord of MISC file
                                                           NETW
C115
       Begin year of data collection
                                                           1977
                                                           1977
C116
       End year of data collection
                                                           USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                           T
       Type of analyses - QW network
C120
                                                           Z
       Network data type -miscellaneous
C706
                                                           OW
C780
       Record type for NETW subrecord of MISC file
                                                           19790917
C184
       Remark-date
                                                  1 ANDERSON OPEN-FILE REPORT 1971
C185
       Remarks -misc
C788
       Record type for RMKS subrecord of MISC file
                                                           RMKS
C091
       Depth to top of interval
                                                              20.0
                                                              71.0
C092
       Depth to bottom of interval
                                                           112NPTN
C093
       Aquifer code
                                                           SAND
C096
       Lithology code
C097
       Description of material
                                                           GRVL
C304
       Contributing unit
                                                           IJ
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                              71.0
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                             246
                                                           110QRNR
C093
       Aquifer code
```

```
C096
       Lithology code
                                                          CLAY
C097
       Description of material
                                                          CEMT GRVL, F. SND
C304
       Contributing unit
                                                          Π
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                            246
C093
       Aquifer code
                                                          1100RNR
                                                          SDGL
C096
       Lithology code
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                          197008
C095
       Aquifer date -geo
                                                            -4.00
C126
       Aquifer-static-level
                                                          100
C132
       Aquifer contribution
C750
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
C100
       Hvdraulic unit id
                                                          1100RNR
C103
       Hydraulic unit type
                                      112070, USGS LABORATORY GRAB SAMPLE
C104
       Hydraulic remarks
C744
       Record type for HYDR subrecord of HYDR file
                                                          HYDR
                                                                19 0
C108
       Horizontal conductivity
                                                                  .000
C109
       Vertical conductivity
C746
       Record type for COEF subrecord of HYDR file
                                                          COEF
                                                                         603400151091701
C001
         Site ID (station number)
C002
       Type of site
                                                          W
                                                          С
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                           603400
C009
       Latitude
C010
                                                           1510917
       Longitude
C011
       Lat-long accuracy code
       Local well number
                                                          SB00601135DBBD1 001
C012
C013
       Land-net location
                                                          NWNWSES35 T006N R011W S
                                                          KENAI C-4
C014
       Name of location map
                                                          63360
       Scale of location map
C015
                                                             60.00
C016
       Altitude of land surface
C017
       Method altitude determined
                                                          М
                                                            5
C018
       Altitude accuracy
C019
                                                          С
       Topographic setting
C020
       Hydrologic unit code
                                                          19020302
                                                          19700520
C021
       Date well constructed
C023
       Primary use of site
                                                          11
C024
       Primary use of water
                                                               266
C027
       Hole depth
                                                               240
C028
       Depth of well
                                                            -3.50
C030
       Water level
                                                          19700520
C031
       Date water level measured
C033
                                                          S
       Source of water-level data
C034
                                                          S
       Method water level measured
C803
       Agency use of site code
C900
         Station name
                                                                         SB00601135DBBD1 001
C060
                                                          19700520
       Date of construction
                                                          THORN DRL
C063
       Name of contractor
                                                          S
C064
       Source of construction data
C065
       Method of construction
                                                          С
C066
       Type of finish
C068
       Depth to bottom of seal
C070
       Hours of development
                                                            2
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
C073
       Depth to top of this interval
                                                                .00
                                                             90.0
C074
       Depth to bottom of this interval
                                                           8 00
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C073
       Depth to top of this interval
                                                             90.0
                                                            266
C074
       Depth to bottom of this interval
                                                           6.00
       Diameter of this interval
C075
```

C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-1.25
C078	Depth to bottom of this casing string	240
	-	
C079	Diameter of this casing string	6.00
C758	Record type for CSNG subrecord of CONS file	CSNG
C077	Depth to top of this casing string	-1.25
C078	Depth to bottom of this casing string	90.0
C079	Diameter of this casing string	8.00
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	235
C084	Depth to bottom of this open interval	240
C085	Type of openings in this interval	P
C760	Record type for OPEN subrecord of CONS file	OPEN
C321	Begin date for use of this measuring point	19700811
C323	Height of this measuring point	-2.00
C766	Record type for MPNT subrecord of CONS file	MPNT
C148	Date discharge measured	19700520
C150	_	412
	Discharge	
C151	Source of discharge data	S
C152	Method discharge measured	V
C154	Static water level	16.0
C155	Source of water-level data	S
C157	Duration of discharge before producing level	6.0
C703	Discharge type	P
C159	Date of ownership	19700520
	-	
C161	Owner	KENAI CITY OF
C190	Other identifier	TW4
C191	Assignor of other identifier	BEAVER CREEK
C190	Other identifier	10795
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
	<del>-</del>	HYD DATA
C181	Other data type	
C182	Other data location	D
C261	Format of other data	М
C181	Other data type	PSA
C182	Other data location	D
C261	Format of other data	P
C181	Other data type	QW
C182	Other data location	ž
C261	Format of other data	Z
C181	Other data type	DAILY VALU
C182	Other data location	D
C261	Format of other data	M
C187	Date of visit	19700520
C188	Person who made visit	ANDERSON G
C774	Record type for VIST subrecord of MISC file	VIST
C193	Date of water-quality measurement	19700520
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	3.5
C776	Record type for QUAL subrecord of MISC file	QUAL
C193	Date of water-quality measurement	19700520
C196	Water-quality parameter code	00095
C197	Value of water-quality parameter	220
C776	Record type for QUAL subrecord of MISC file	QUAL
C199	Type of log	D
		.00
C200	Depth to top of logged interval	
C201	Depth to bottom of logged interval	266
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	J
C200	Depth to top of logged interval	75.0
C201	Depth to bottom of logged interval	228
C201	Source of log data	S
		LOGS
C778	Record type for LOGS subrecord of MISC file	1000

```
C199
       Type of log
C200
       Depth to top of logged interval
                                                                .00
       Depth to bottom of logged interval
                                                             227
C201
C202
       Source of log data
                                                           S
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C778
                                                           ΙŢ
C199
       Type of log
       Depth to top of logged interval
C200
                                                                .00
                                                             231
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                           S
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C115
       Begin year of data collection
                                                           1970
C116
       End year of data collection
                                                           1970
                                                           HSGS
C117
       Source agency for network data
                                                           0
C118
       Frequency of data collection
C120
       Type of analyses - QW network
                                                           н
       Network data type -miscellaneous
C706
                                                           OW
       Record type for NETW subrecord of MISC file
                                                           NETW
C780
C115
       Begin year of data collection
                                                           1970
C116
       End year of data collection
                                                           1978
                                                           USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                           C
                                                           WL
C706
       Network data type -miscellaneous
                                                           NETW
C780
       Record type for NETW subrecord of MISC file
C184
       Remark-date
                                                           19791208
C185
       Remarks -misc
                                        1 HACH FIELD TESTS: IRON IS LESS THAN
C788
       Record type for RMKS subrecord of MISC file
                                                           RMKS
C185
       Remarks -misc
                                                           2 17MG/L
                                             3 ANDERSON OPEN-FILE REPORT 1971
C185
       Remarks -misc
C091
       Depth to top of interval
                                                             212
C092
                                                             241
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
C096
                                                           CLAY
       Lithology code
C097
       Description of material
                                                           YELLOW
C304
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                             241
C093
       Aquifer code
                                                           1100RNR
                                                           SAND
C096
       Lithology code
                                                           FINE
C097
       Description of material
C304
                                                           P
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                           GEOH
C095
       Aquifer date -geo
                                                           19700520
                                                             -3.50
C126
       Aquifer-static-level
                                                           100
C132
       Aguifer contribution
C750
       Record type for AQFR subrecord of GEOH file
                                                           AOFR
C100
       Hydraulic unit id
                                                           110QRNR
       Test interval -top
                                                            242
C101
                                                            243
C102
       Test interval -bottom
C103
                                                           Α
       Hydraulic unit type
C104
                                              GRAB SAMPLE, REPACKED FOR TESTING
       Hydraulic remarks
C305
       Hydraulic source agency
                                                           PΩ
       Record type for HYDR subrecord of HYDR file
                                                           HYDR
C744
                                                                 24.9
C108
       Horizontal conductivity
                                                                   .000
C109
       Vertical conductivity
                                                           COFF
C746
       Record type for COEF subrecord of HYDR file
                                                                          603401151110301
C001
         Site ID (station number)
C002
       Type of site
                                                           W
C003
       Record classification
                                                           U
                                                           USGS
C004
       Source agency code
                                                            603401
C009
       Latitude
                                                            1511103
C010
       Longitude
C011
       Lat-long accuracy code
                                                           SB00601134DBBA1 015
C012
       Local well number
```

C013	Land-net location	NWNWSES34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
C015	Scale of location map	25000
C016	Altitude of land surface	90
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19811107
C023	Primary use of site	W
C024	Primary use of water	Н
C027	Hole depth	32
C028	Depth of well	32
C029	Source of depth data	D
C030	Water level	10
C031	Date water level measured	19811107
C033	Source of water-level data	D
C034	Method water level measured	R
C900	Station name	SB00601134DBBA1 015
C060	Date of construction	19811107
C063	Name of contractor	PENINSULA DR
C064	Source of construction data	D
C066	Type of finish	S
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	32
C075	Diameter of this interval	6
c756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	0
C078	Depth to bottom of this casing string	26.2
C079	Diameter of this casing string	6
C081	Wall thickness of this casing	.250
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	26.2
C084	Depth to bottom of this open interval	32
C085	Type of openings in this interval	S
C087	Diameter of this open interval	6
C088	Width of openings	.010
C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	19811107
C150	Discharge	13
C151	Source of discharge data	D
C152	Method discharge measured	R
C153	Production level	25
C154	Static water level	10
C155	Source of water-level data	D
C156	Method water level measured	R
C272	Specific capacity -disch	.87
C309	Water-level drawdown	15.0
C703	Discharge type	P
C159	Date of ownership	19811107
C161	Owner	KILGORE BOYD
C190	Other identifier	LOE
C191	Assignor of other identifier	DAVIDSON SUB 2
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C771	Last update for OTID subrecord of MISC file	19900417
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	32
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C091	Depth to top of interval	0
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C304	Contributing unit	P

```
GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                          19811107
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                               10
C132
       Aquifer contribution
                                                                         603400151105801
C001
         Site ID (station number)
C002
       Type of site
                                                          W
                                                          U
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                           603400
C009
       Latitude
C010
       Longitude
                                                           1511058
C011
       Lat-long accuracy code
C012
                                                          SB00601134DBAC1 014
       Local well number
                                                          NENWSES34 T006N R011W S
C013
       Land-net location
                                                          KENAI C-4SE KR03
C014
       Name of location map
                                                            25000
C015
       Scale of location map
                                                                90
C016
       Altitude of land surface
C017
       Method altitude determined
                                                          10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
       Date well constructed
                                                          1989
C021
C023
       Primary use of site
                                                          W
                                                          н
C024
       Primary use of water
C027
                                                                20
       Hole depth
                                                                20
C028
       Depth of well
C029
       Source of depth data
                                                          Α
C900
       Station name
                                                          SB00601134DBAC1 014
C159
       Date of ownership
C161
                                                          LATTA DUANE J&ALYCE
       Owner
C190
       Other identifier
                                                          1.095
                                                          GOVT LOTS
C191
       Assignor of other identifier
                                                          040338-C
       Other identifier
C190
C191
       Assignor of other identifier
                                                          ADL
                                                   WATER RIGHTS CERTIFICATE
C181
       Other data type
C182
       Other data location
                                                          D
C261
       Format of other data
                                                          F
C184
       Remark-date
                                                          1989
C185
                                           ALL INFO FROM WATER RIGHTS CERTIFICATE
       Remarks -misc
                                                                         603400151112701
C001
         Site ID (station number)
                                                          W
C002
       Type of site
                                                          U
C003
       Record classification
                                                          USGS
C004
       Source agency code
C006
       District code
                                                          02
                                                          02
C007
       State code
C009
       Latitude
                                                           603400
C010
       Longitude
                                                          1511127
C011
       Lat-long accuracy code
                                                          SB00601134CABD1 010
C012
       Local well number
                                                          NWNESWS34 T006N R011W S
C013
       Land-net location
                                                          KENAI C-4SE KR03
C014
       Name of location map
                                                            25000
C015
       Scale of location map
                                                                90
C016
       Altitude of land surface
C017
       Method altitude determined
C018
                                                           10
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          1981
C021
       Date well constructed
                                                          W
C023
       Primary use of site
                                                          н
C024
       Primary use of water
                                                                42
C027
       Hole depth
C028
                                                                42
       Depth of well
C029
       Source of depth data
                                                          SB00601134CABD1 010
C900
       Station name
       Date of ownership
                                                          1981
C159
```

```
PETERS FRANK&JUDITH
C161
      Owner
C190
      Other identifier
                                                          1.090
                                                          GOVT LOTS
C191
       Assignor of other identifier
       Other identifier
                                                          209327-C
C190
C191
       Assignor of other identifier
                                                          ADL
                                                       WATER RIGHTS CERTIFICATE
C181
       Other data type
       Other data location
                                                         D
C182
C261
       Format of other data
                                                          F
                                                          1981
C184
       Remark-date
                                          ALL INFO FROM WATER RIGHTS CERTIFICATE
C185
       Remarks -misc
C001
         Site ID (station number)
                                                                        603359151105701
                                                         W
C002
       Type of site
C003
       Record classification
                                                         TT
C004
       Source agency code
                                                         USGS
                                                           603359
C009
       Latitude
C010
       Longitude
                                                           1511057
C011
       Lat-long accuracy code
                                                          SB00601134DBAC2 014
C012
       Local well number
                                                         NENWSES34 T006N R011W S
C013
      Land-net location
C014
      Name of location map
                                                          KENAI C-4SE KR03
       Scale of location map
                                                            25000
C015
                                                                90
C016
       Altitude of land surface
C017
       Method altitude determined
       Altitude accuracy
                                                           10
C018
                                                          19020302
C020
       Hydrologic unit code
                                                          19820518
C021
       Date well constructed
       Primary use of site
                                                         W
C023
C024
       Primary use of water
                                                             43.0
C027
       Hole depth
                                                                42
C028
       Depth of well
C029
       Source of depth data
C030
       Water level
                                                               10
                                                          19820518
C031
       Date water level measured
                                                          D
       Source of water-level data
C033
C034
       Method water level measured
                                                         R
                                                          19930709
C040
       Date site record last updated
C303
       Date site record created
                                                          19900531
                                                          SB00601134DBAC2 014
C900
       Station name
                                                          19820518
C060
       Date of construction
C063
       Name of contractor
                                                          KRAXBERGER
C064
       Source of construction data
                                                          D
       Method of construction
                                                          Α
C065
C066
       Type of finish
                                                          S
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
       Depth to top of this interval
C073
       Depth to bottom of this interval
                                                             43.0
C074
C075
       Diameter of this interval
                                                              6
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
                                                                -2
C077
       Depth to top of this casing string
                                                                37
C078
       Depth to bottom of this casing string
                                                              6
C079
       Diameter of this casing string
       Record type for CSNG subrecord of CONS file
                                                          CSNG
C758
                                                                37
C083
       Depth to top of this open interval
                                                                42
C084
       Depth to bottom of this open interval
       Type of openings in this interval
                                                          R
C085
C086
       Material in this interval
C087
       Diameter of this open interval
       Width of openings
                                                            .010
C088
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
                                                          19820518
C148
       Date discharge measured
                                                                  30
C150
       Discharge
C151
       Source of discharge data
                                                          D
                                                          R
C152
       Method discharge measured
```

C703	Discharge type	P
C159	Date of ownership	19820518
C161	Owner	LATTA DUANE&ALYCE
C190	Other identifier	L095
C191	Assignor of other identifier	SECTION 34 LOTS
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C190	Other identifier	WELL 2 L095
C191	Assignor of other identifier	SECTION 34 LOTS
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	43.0
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C091	Depth to top of interval	0
C092	Depth to bottom of interval	13
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	13
C092	Depth to bottom of interval	15
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WATER
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	15
C092	Depth to bottom of interval	20
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR, GRVL STRKS
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	20
C092	Depth to bottom of interval	43
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WATER
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	43
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19820518
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aguifer date -geo	19820518
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19820518
C126	Aguifer-static-level	10
C001	Site ID (station number)	603354151070501
C002	Type of site	W
C002	Record classification	C
C003	Source agency code	USGS
C004	Latitude	603354
C010	Longitude	1510705
C010	Lat-long accuracy code	T
C011	Local well number	SB00601136DADC1 005
C012	Land-net location	SENESES36 TOOGN RO11W S
C013	Name of location map	KENAI C-4
C014	Scale of location map	63360
COIS	peare of tocacton mab	55500

```
C016
       Altitude of land surface
                                                             33.95
       Method altitude determined
C017
C018
       Altitude accuracy
                                                          C
C019
       Topographic setting
                                                          19020302
C020
       Hydrologic unit code
                                                          19690715
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                               250
C027
       Hole depth
C028
       Depth of well
                                                               240
                                                           -29.3
C030
       Water level
                                                          19690714
C031
       Date water level measured
                                                          S
C033
       Source of water-level data
                                                          М
C034
       Method water level measured
C803
                                                          Α
       Agency use of site code
                                                          SB00601136DADC1 005
C900
       Station name
C060
       Date of construction
                                                          19690715
                                                          THORN DRL
C063
       Name of contractor
                                                          D
C064
       Source of construction data
C065
                                                          C
       Method of construction
C066
       Type of finish
C068
       Depth to bottom of seal
                                                             0
C069
       Method of development
                                                          С
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
C073
       Depth to top of this interval
                                                               .00
                                                             21.0
C074
       Depth to bottom of this interval
                                                           8.00
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
       Depth to top of this interval
                                                             21.0
C073
                                                            250
C074
       Depth to bottom of this interval
                                                           6.00
C075
       Diameter of this interval
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
                                                             -1.00
C077
       Depth to top of this casing string
                                                             21.0
C078
       Depth to bottom of this casing string
                                                           8.00
C079
       Diameter of this casing string
       Record type for CSNG subrecord of CONS file
C758
                                                          CSNG
                                                             -3.00
C077
       Depth to top of this casing string
       Depth to bottom of this casing string
                                                            212
C078
                                                           6.00
C079
       Diameter of this casing string
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
C083
       Depth to top of this open interval
                                                            115
                                                            212
C084
       Depth to bottom of this open interval
                                                          Р
C085
       Type of openings in this interval
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
                                                            212
C083
       Depth to top of this open interval
                                                            240
       Depth to bottom of this open interval
C084
C085
       Type of openings in this interval
                                                          х
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C321
       Begin date for use of this measuring point
                                                          19690714
C323
       Height of this measuring point
                                                            2.65
       Record type for MPNT subrecord of CONS file
                                                          MPNT
C766
                                                          19690715
C148
       Date discharge measured
C150
       Discharge
                                                              500
                                                          s
C151
       Source of discharge data
C152
       Method discharge measured
                                                             -12.1
C153
       Production level
                                                            -29.3
C154
       Static water level
                                                          S
C155
       Source of water-level data
C156
       Method water level measured
                                                             24.0
       Duration of discharge before producing level
C157
                                                             29.0
C272
       Specific capacity -disch
C309
       Water-level drawdown
                                                             17.2
C703
       Discharge type
                                                          19690715
C159
       Date of ownership
```

```
C161
       Owner
                                                          KENAI CITY OF
C190
       Other identifier
       Assignor of other identifier
                                                          BEAVER CREEK
C191
C190
       Other identifier
                                                          10682
C191
       Assignor of other identifier
                                                          AKRG
C190
       Other identifier
                                                          UNCONSOL.
                                                          CONFINED
C191
       Assignor of other identifier
       Other data type
                                                          HYD DATA
C181
C182
       Other data location
                                                          D
C261
       Format of other data
                                                          М
C181
       Other data type
                                                          PSA
C182
       Other data location
                                                          D
                                                          Þ
C261
       Format of other data
C187
                                                          19690724
       Date of visit
C188
       Person who made visit
                                                          ANDERSON G
C774
       Record type for VIST subrecord of MISC file
                                                          VIST
C193
       Date of water-quality measurement
                                                          19690724
C195
       Aguifer sampled
                                                          1100RNR
                                                          00010
C196
       Water-quality parameter code
C197
                                                                4.0
       Value of water-quality parameter
C776
       Record type for QUAL subrecord of MISC file
                                                          QUAL
C199
                                                          D
       Type of log
C200
       Depth to top of logged interval
                                                               - 00
C201
       Depth to bottom of logged interval
                                                            250
C202
       Source of log data
                                                          D
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C199
       Type of log
C200
       Depth to top of logged interval
                                                                .00
C201
                                                            239
       Depth to bottom of logged interval
C202
                                                          S
       Source of log data
                                                          LOGS
C778
       Record type for LOGS subrecord of MISC file
C199
       Type of log
C200
       Depth to top of logged interval
                                                              1.00
                                                            239
C201
       Depth to bottom of logged interval
                                                          s
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C199
       Type of log
                                                                .00
C200
       Depth to top of logged interval
                                                            238
C201
       Depth to bottom of logged interval
C202
                                                          S
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C115
       Begin year of data collection
                                                          1969
                                                          1969
C116
       End year of data collection
C117
                                                          USGS
       Source agency for network data
C118
       Frequency of data collection
                                                          Ι
C120
       Type of analyses - QW network
                                                          М
       Network data type -miscellaneous
                                                          OW
C706
C780
       Record type for NETW subrecord of MISC file
                                                          NETW
                                                          1971
C115
       Begin year of data collection
C116
       End year of data collection
                                                          USGS
C117
       Source agency for network data
                                                          0
C118
       Frequency of data collection
                                                          В
C120
       Type of analyses - OW network
C706
       Network data type -miscellaneous
C115
                                                          1969
       Begin year of data collection
C116
                                                          1971
       End year of data collection
C117
       Source agency for network data
                                                          USGS
C118
       Frequency of data collection
                                                          Т
C706
                                                          WL
       Network data type -miscellaneous
                                                          19770909
C184
       Remark-date
                                                   ANDERSON, OPEN-FILE REPORT 1971
C185
       Remarks -misc
       Record type for RMKS subrecord of MISC file
C788
                                                          RMKS
C091
       Depth to top of interval
                                                             50.0
                                                            115
C092
       Depth to bottom of interval
C093
                                                           110QRNR
       Aquifer code
```

```
CLAY
C096
       Lithology code
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                            115
                                                            212
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                          1100RNR
C096
       Lithology code
                                                          SDGL
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                            212
C092
       Depth to bottom of interval
                                                            240
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          CLAY
                                                          SANDY, STRATIFIED
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                          19690829
C095
       Aquifer date -geo
                                                           -29.3
C126
       Aquifer-static-level
       Aquifer contribution
                                                           66
C132
C750
       Record type for AQFR subrecord of GEOH file.
                                                          AOFR
                                                          19690829
C095
       Aquifer date -geo
C132
       Aquifer contribution
                                                           34
       Last update for AQFR subrecord of GEOH file
                                                          19860314
C751
                                                          19690325
C235
       Water-level measurement date
       Water level
C237
                                                           -25.8
                                                          19691017
C235
       Water-level measurement date
C237
                                                           -29.8
       Water level
                                                          19700811
C235
       Water-level measurement date
C237
       Water level
                                                           -29.2
                                                          19700904
C235
       Water-level measurement date
                                                           -28.6
C237
       Water level
                                                          19701001
C235
       Water-level measurement date
                                                          -28.8
C237
       Water level
                                                          19710819
C235
       Water-level measurement date
C237
       Water level
                                                           -26.2
                                                          19710909
C235
       Water-level measurement date
                                                           -26.2
C237
       Water level
C235
       Water-level measurement date
                                                          19710928
                                                           -26.4
C237
       Water level
                                                          19710929
C235
       Water-level measurement date
                                                           -26.4
C237
       Water level
                                                          19711006
C235
       Water-level measurement date
       Water level
                                                           -26.2
C237
                                                          19711013
C235
       Water-level measurement date
                                                           -26.2
C237
       Water level
C235
       Water-level measurement date
                                                          19711109
C237
       Water level
                                                           -27.1
                                                          110QRNR
C100
       Hydraulic unit id
                                                           115
C101
       Test interval -top
       Test interval -bottom
                                                           240
C102
C103
       Hydraulic unit type
                                                          Α
       Hydraulic remarks
                                             072469, EM, T VS S; LEAKY-MOD, HANTUSH
C104
C305
       Hydraulic source agency
       Record type for HYDR subrecord of HYDR file
                                                          HYDR
C744
C107
                                                             2785
       Transmissivity
C108
       Horizontal conductivity
                                                                22.0
                                                                   .000
C109
       Vertical conductivity
                                                          .000140
C110
       Storage coefficient
C746
       Record type for COEF subrecord of HYDR file
                                                          COEF
                                                                         603359151111801
C001
         Site ID (station number)
C002
       Type of site
                                                          Х
                                                          Ħ
C003
       Record classification
                                                          USGS
C004
       Source agency code
```

C005	Project number	KENAI SCK
C009	Latitude	603359
C010	Longitude	1511118
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CAAD1 018
C013	Land-net location	NENESWS34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
	<del>-</del>	25000
C015	Scale of location map	
C016	Altitude of land surface	82
C017	Method altitude determined	М
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19811012
C023	Primary use of site	Т
C024	Primary use of water	Ü
C024	-	13.5
	Hole depth	
C028	Depth of well	13.5
C029	Source of depth data	G
C900	Station name	SB00601134CAAD1 018
C060	Date of construction	19811022
C063	Name of contractor	CARVER DRL
C064	Source of construction data	G
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	13.5
		6
C075	Diameter of this interval	
C756	Record type for HOLE subrecord of CONS file	HOLE
C159	Date of ownership	1987
C161	Owner	HAWKINS HAROLD
C190	Other identifier	L02A
C191	Assignor of other identifier	RASMUSSEN SUB
C190	Other identifier	тн06
C191	Assignor of other identifier	NORTHERN T LABS
	_	WTR&SEWER SYS 1987
C181		
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	G
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	13.5
C202	Source of log data	G
C778	Record type for LOGS subrecord of MISC file	LOGS
C091	Depth to top of interval	0
C092	Depth to bottom of interval	.5
	<del>-</del>	
C093	Aquifer code	110QRNR
C096	Lithology code	OTHR
C097	Description of material	ORGANIC MATERIAL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	.5
C092	Depth to bottom of interval	2.3
C093	Aquifer code	110QRNR
	-	
C096	Lithology code	SILT
C097	Description of material	MOIST, BROWN, SOFT
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	2.3
C093	Aguifer code	110QRNR
C096	Lithology code	SILT
C097	Description of material SLGT MOIST W/TR SDGL, TAN	
C304		U
C304	Contributing unit	
~~~	edit - Th (ababdan combined)	C022E01E1114000
C001	Site ID (station number)	603359151111802
C002	Type of site	X
C003	Record classification	U

```
C004
       Source agency code
                                                          USGS
C005
       Project number
                                                          KENAI SCK
                                                           603359
C009
       Latitude
C010
       Longitude
                                                           1511118
       Lat-long accuracy code
C011
C012
       Local well number
                                                          SB00601134CAAD2 018
       Land-net location
                                                          NENESWS34 T006N R011W S
C013
C014
       Name of location map
                                                          KENAI C-4SE KR03
                                                            25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                                82
                                                          м
C017
       Method altitude determined
C018
                                                           10
       Altitude accuracy
                                                          19020302
       Hydrologic unit code
C020
                                                          19811012
C021
       Date well constructed
C023
       Primary use of site
C027
       Hole depth
                                                                12
C028
       Depth of well
                                                                12
C029
       Source of depth data
                                                          G
                                                              9.5
C030
       Water level
                                                          19811012
C031
       Date water level measured
C033
       Source of water-level data
       Method water level measured
                                                          R
C034
                                                          BEDROCK
C714
       Aquifer code
C815
       Locator sequence number
                                                          02
                                                          SB00601134CAAD2 018
C900
       Station name
                                                          19811012
C060
       Date of construction
                                                          CARVER DRL
C063
       Name of contractor
C064
       Source of construction data
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
                                                                 0
C073
       Depth to top of this interval
                                                                12
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                              6
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
                                                          1987
C159
       Date of ownership
C161
                                                          HAWKINS HAROLD
       Owner
       Other identifier
                                                          L02A
C190
                                                          RASMUSSEN SUB
C191
       Assignor of other identifier
C190
       Other identifier
                                                          TH05
                                                          NORTHERN T LABS
C191
       Assignor of other identifier
                                                INSPECTION FOR WTR&SEWER SYS 1987
C181
       Other data type
                                                          D
C182
       Other data location
       Format of other data
                                                          F
C261
                                                          G
C199
       Type of log
                                                                 0
C200
       Depth to top of logged interval
                                                                12
       Depth to bottom of logged interval
C201
                                                          G
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C091
                                                                 0
       Depth to top of interval
                                                                 .5
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
                                                          OTHR
C096
       Lithology code
                                                          ORGANIC MATERIAL
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
       Depth to top of interval
                                                                .5
C091
C092
       Depth to bottom of interval
                                                               2.5
                                                          1100RNR
C093
       Aguifer code
                                                          SILT
C096
       Lithology code
                                                          MOIST, BROWN, SOFT
C097
       Description of material
                                                          N
C304
       Contributing unit
                                                          GEOH
       Record type for GEOH subrecord of GEOH file
C748
C091
                                                               2.5
       Depth to top of interval
                                                                9.9
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SILT
```

C097	Description of material	DRY W/TR SDGL, TAN, STIFF
C304	Contributing unit	Ū
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	9.9
C092	Depth to bottom of interval	10.2
C093	Aquifer code	BEDROCK
C096	Lithology code	COAL
C304	Contributing unit	Ü
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	10.2
C093	Aquifer code	BEDROCK
C096	Lithology code	CLSN
C097	Description of material	WET, GRAY, HARD
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19811012
C126	Aquifer-static-level	9.5
~~~		602250151100001
C001	Site ID (station number)	603358151120901
C002	Type of site	W
C003	Record classification	Ū
C004	Source agency code	USGS
C005	Project number	KENAI ELK
C009	Latitude	603358
C010	Longitude	1511209
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DAAD1 014
C013	Land-net location	NENESES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
C016	Altitude of land surface	90
C010	Method altitude determined	M
		10
C018	Altitude accuracy	
C020	Hydrologic unit code	19020302
C021	Date well constructed	19820723
C023	Primary use of site	W
C024	Primary use of water	Н
C027	Hole depth	30
C028	Depth of well	30
C029	Source of depth data	D
C030	Water level	7.5
C031	Date water level measured	19821013
C033	Source of water-level data	R
C034	Method water level measured	R
C713	Aquifer-type code	C
C714	Aquifer code	110QRNR
C900	Station name	SB00601133DAAD1 014
C060	Date of construction	19820723
C063	Name of contractor	WS&S CO
C064	Source of construction data	D
C066	Type of finish	S
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	30
C075	Diameter of this interval	6
c756		HOLE
	Record type for HOLE subrecord of CONS file	-1
C077	Depth to top of this casing string	
C078	Depth to bottom of this casing string	25
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	25
C084	Depth to bottom of this open interval	30
C085	Type of openings in this interval	S
C087	Diameter of this open interval	6

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```
C760
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C148
                                                          19820723
       Date discharge measured
C150
       Discharge
                                                                  12
C151
       Source of discharge data
C152
       Method discharge measured
C702
       Last update -disch
                                                          19930607
C703
       Discharge type
                                                          Þ
                                                          19820723
C159
       Date of ownership
                                                  HOPPHORS HARRY&ANDREWS JOHN
C161
       Owner
C159
       Date of ownership
                                                         19820723
                                                   ANDREWS JOHN&HOPPHORS HARRY
C161
       Owner
       Record type for OWNR subrecord of MISC file
                                                          OWNR
C768
C190
       Other identifier
                                                          1.02
                                                          JENNY LYNN SUB
C191
       Assignor of other identifier
C190
       Other identifier
                                                         UNCONSOL
       Assignor of other identifier
                                                          CONFINED
C191
                                              APPLICATION FOR WTR&SEWER SYS 1982
C181
       Other data type
C182
       Other data location
                                                          D
                                                          F
C261
       Format of other data
C199
       Type of log
                                                          D
                                                                 ٥
C200
       Depth to top of logged interval
                                                                30
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                          D
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C778
                                                                 0
C091
       Depth to top of interval
                                                                 2
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                          SOIL
C097
       Description of material
                                                          TOPSOIL
C304
       Contributing unit
                                                         N
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                                 2
       Depth to top of interval
C091
C092
                                                                12
       Depth to bottom of interval
                                                          1100RNR
       Aquifer code
C093
C096
       Lithology code
                                                          SAND
C304
                                                          N
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
C091
       Depth to top of interval
                                                                12
                                                                25
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          W/WTR
C097
       Description of material
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
       Aguifer code
                                                          110QRNR
C093
C096
       Lithology code
                                                          ROCK
                                                          LARGE
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                          19820723
C095
       Aquifer date -geo
       Record type for AQFR subrecord of GEOH file
                                                          AQFR
C750
                                                          19820723
C095
       Aguifer date -geo
       Aquifer-static-level
                                                              7.5
C126
         Site ID (station number)
                                                                         603357151115401
C001
C002
       Type of site
                                                          W
                                                          П
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                           603357
C009
       Latitude
C010
       Longitude
                                                           1511154
       Lat-long accuracy code
C011
                                                          SB00601134CBCA1 011
C012
       Local well number
                                                          SWNWSWS34 T006N R011W S
C013
       Land-net location
```

```
KENAI C-4SE KR03
C014
       Name of location map
C015
                                                           25000
       Scale of location map
       Altitude of land surface
C016
C017
       Method altitude determined
C018
       Altitude accuracy
                                                          10
                                                         19020302
C020
       Hydrologic unit code
                                                         1980
C021
       Date well constructed
C023
       Primary use of site
       Primary use of water
                                                         н
C024
C027
                                                               15
       Hole depth
                                                               15
C028
       Depth of well
       Source of depth data
C029
                                                         SB00601134CBCA1 011
C900
       Station name
                                                         1980
C159
       Date of ownership
                                                         MCRAE ALBERT&MARGARET
C161
       Owner
C190
      Other identifier
                                                         L09B02
                                                         KAKNU SUB
C191
       Assignor of other identifier
C190
       Other identifier
                                                         040463-C
C191
       Assignor of other identifier
                                                         ADL
       Other data type
                                                      WATER RIGHTS CERTIFICATE
C181
C182
       Other data location
                                                         D
C261
       Format of other data
                                                         F
                                                         1980
C184
       Remark-date
                                          ALL INFO FROM WATER RIGHTS CERTIFICATE
C185
       Remarks -misc
                                                                        603358151125202
C001
         Site ID (station number)
                                                         Ε
C002
       Type of site
                                                         ГТ
C003
       Record classification
                                                         USGS
C004
       Source agency code
C009
                                                          603358
       Latitude
C010
                                                          1511252
       Longitude
C011
       Lat-long accuracy code
                                                         SB00601133DBBD2 008
C012
       Local well number
C013
       Land-net location
                                                         NWNWSES33 T006N R011W S
C014
       Name of location map
                                                         KENAI C-4SE KR02
                                                           25000
C015
       Scale of location map
                                                               86
C016
       Altitude of land surface
C017
       Method altitude determined
                                                         М
C018
                                                          10
       Altitude accuracy
                                                         19020302
C020
       Hydrologic unit code
C021
       Date well constructed
                                                         19860708
C023
       Primary use of site
C024
       Primary use of water
                                                         П
C027
       Hole depth
                                                               12
                                                             9.5
C030
       Water level
                                                         19860708
       Date water level measured
C031
C033
       Source of water-level data
                                                         R
       Method water level measured
                                                         R
C034
                                                         1100RNR
C714
       Aquifer code
C815
       Locator sequence number
                                                         SB00601133DBBD2 008
C900
       Station name
                                                         19860708
C060
       Date of construction
                                                         UNKNOWN
C063
       Name of contractor
C064
       Source of construction data
                                                         R
C065
       Method of construction
       Record type for CONS subrecord of CONS file
                                                         CONS
C754
                                                                 0
C073
       Depth to top of this interval
                                                               12
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                            48
C756
       Record type for HOLE subrecord of CONS file
                                                         HOLE
                                                          19860708
C159
       Date of ownership
C161
                                                         BUCKINGHAM DAVID
       Owner
C768
       Record type for OWNR subrecord of MISC file
                                                         OWNR
C190
       Other identifier
                                                         1.01B01
```

```
C191
       Assignor of other identifier
                                                          KARDINAL SUB
C199
       Type of log
C200
       Depth to top of logged interval
                                                                 ٨
C201
       Depth to bottom of logged interval
                                                                12
C202
                                                          D
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C184
                                                          19860708
       Remark-date
                                                 HOLE DUG W/BACKHOE DIAM EST 48IN
C185
       Remarks -misc
       Remarks -misc
                                         DATE FROM ADEC-SCRO REPORT, CANNONE BOB
C185
       Remarks -misc
                                                         HOLE 6FT FROM WELL
C185
       Remarks -misc
                                         WTR OR CSNG @9FT GRWTR ENCOUNTERED AT
C185
C185
       Remarks -misc
                                    APPROX SAME DEPTH ADJACENT TO CSNG IN THE
C185
       Remarks -misc
                                        TEST HOLE.ONLY PETROL ODER NOTED SMELLED
                                    LIKE GEAR OIL @ABOUT 6IN DEPTH ACCORDING
C185
       Remarks -misc
C185
       Remarks -misc
                                            TO DAVE B.COULD BE FROM HIS PICKUP
C185
       Remarks -misc
                                       SEE ADEC-SCRO REPORT FOR MORE INFORMATION
                                WELL CSNG OF WELL NOT IN GWSI DATA BASE
C185
       Remarks -misc
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                .5
                                                          1100RNR
C093
       Aquifer code
C096
                                                          OTHR
       Lithology code
C097
       Description of material
                                                          GRVL FILL
C304
       Contributing unit
                                                         N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
       Depth to top of interval
                                                                .5
C091
                                                                 1
C092
       Depth to bottom of interval
C093
       Aguifer code
                                                          1100RNR
C096
       Lithology code
                                                          SILT
                                         RED-BRN W/TRACE ORGANICS
C097
       Description of material
C304
       Contributing unit
                                                          N
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
       Depth to top of interval
                                                                 1
C091
                                                                 2
C092
       Depth to bottom of interval
C093
                                                          1100RNR
       Aquifer code
C096
       Lithology code
                                                          SOIL
C097
       Description of material
                                    TOPSOIL, OLIVE, SILT W/TRACE SAND&ORGANICS
C304
                                                          N
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                                 2
C092
       Depth to bottom of interval
                                                               3.5
C093
                                                          1100RNR
       Aquifer code
C096
       Lithology code
                                                          SDST
C097
                                                          OLIVE SANDY SILT
       Description of material
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                               3.5
C091
       Depth to top of interval
       Depth to bottom of interval
C092
C093
       Aquifer code
                                                          110QRNR
C096
       Lithology code
                                                          SAND
                                            W/SM RUST COLOR&TRACE ORGANICS
       Description of material
C097
C304
       Contributing unit
                                                          N
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
C093
       Aquifer code
                                                          110QRNR
                                                          SAND
C096
       Lithology code
                                                          OLIVE, CLEAN, COARSE
C097
       Description of material
C304
       Contributing unit
                                                          Р
                                                                         603358151125201
C001
         Site ID (station number)
       Type of site
C002
                                                          E
C003
       Record classification
                                                          U
                                                          USGS
C004
       Source agency code
C009
                                                           603358
       Latitude
C010
       Longitude
                                                           1511252
```

```
C011
       Lat-long accuracy code
C012
                                                          SB00601133DBBD1 008
       Local well number
       Land-net location
                                                          NWNWSES33 T006N R011W S
C013
C014
       Name of location map
                                                          KENAI C-4SE KR02
C015
       Scale of location map
                                                            25000
                                                                 86
C016
       Altitude of land surface
       Method altitude determined
C017
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          19860708
       Date well constructed
C021
       Primary use of site
C023
                                                          U
C024
       Primary use of water
C027
       Hole depth
                                                                 12
C029
       Source of depth data
                                                                 Q
C030
       Water level
                                                          19860708
C031
       Date water level measured
C033
       Source of water-level data
                                                          R
                                                          R
C034
       Method water level measured
                                                          SB00601133DBBD1 008
C900
       Station name
                                                           19860708
C060
       Date of construction
                                                          UNKNOWN
C063
       Name of contractor
       Source of construction data
                                                          R
C064
                                                          П
C065
       Method of construction
                                                          CONS
       Record type for CONS subrecord of CONS file
C754
                                                                  0
       Depth to top of this interval
C073
       Depth to bottom of this interval
                                                                 12
C074
       Diameter of this interval
                                                             48
C075
C756
       Record type for HOLE subrecord of CONS file
                                                           HOLE
                                                           19860708
C159
       Date of ownership
       Owner
                                                           BUCKINGHAM DAVID
C161
C190
       Other identifier
                                                           L01B01
                                                           KARDINAL SUB
C191
       Assignor of other identifier
                                                           D
C199
       Type of log
                                                                  0
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                                 12
C202
        Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
                                                           19860708
C184
       Remark-date
                                          HOLE WAS DUG W/BACKHOE DIAM IS EST 48IN
C185
       Remarks -misc
                                 SEE ADEC-SCRO REPORT FOR MORE INFORMATION
C185
       Remarks -misc
                                        GASLINE RPTURED@3FT SM PETROL ODER4-4.5FT
C185
       Remarks -misc
                                              DATES FROM ADEC-SCRO REPORT
       Remarks -misc
C185
       Remarks -misc
                                        HOLE 10FT N NE OF WELL CSNG
C185
C185
       Remarks -misc
                                    WELL CSNG OF WELL NOT IN GWSI DATA BASE
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                  2
        Aquifer code
                                                           110QRNR
C093
                                                           SOTE
C096
        Lithology code
                                                           TOPSOIL, SILT W/ORGANICS
C097
        Description of material
                                                           N
C304
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                  2
C091
        Depth to top of interval
C093
                                                           110QRNR
        Aquifer code
C096
        Lithology code
        Description of material LI OLIVE, AREA OF SIDEWALL WHERE SOIL DARKER
C097
                                                                                 OLIVE THAN
NATERAL, LIKELY FILL FRM PREVIOUS EXCAVATION DRLR RPTS
                                                           IJ
      Contributing unit
                                                                          603356151112101
 C001
          Site ID (station number)
                                                           W
C002
        Type of site
C003
                                                           М
        Record classification
                                                           USGS
C004
        Source agency code
                                                           KENAI SLK
C005
        Project number
                                                            603356
C009
        Latitude
```

```
C010
       Longitude
                                                          1511121
C011
       Lat-long accuracy code
                                                         SB00601134CADB1 022
C012
       Local well number
C013
       Land-net location
                                                         SENESWS34 T006N R011W S
                                                         KENAI C-4SE KR3
C014
      Name of location map
C015
      Scale of location map
                                                           25000
C016
       Altitude of land surface
                                                               90
C017
       Method altitude determined
C018
      Altitude accuracy
                                                          10
                                                         19020302
C020
      Hydrologic unit code
C021
      Date well constructed
                                                         1982
C023
      Primary use of site
C024
      Primary use of water
                                                         Н
C027
                                                               30
       Hole depth
C028
       Depth of well
                                                               30
C029
       Source of depth data
                                                         0
                                                         SB00601134CADB1 022
C900
       Station name
C060
      Date of construction
                                                         1982
                                                         UNKNOWN
C063
      Name of contractor
C064
      Source of construction data
                                                         CONS
C754
      Record type for CONS subrecord of CONS file
                                                                0
       Depth to top of this interval
C074
       Depth to bottom of this interval
                                                               30
C075
      Diameter of this interval
                                                             6
      Record type for HOLE subrecord of CONS file
                                                         HOLE
C756
                                                                0
C077
      Depth to top of this casing string
                                                               30
C078
       Depth to bottom of this casing string
C079
       Diameter of this casing string
                                                             6
C758
       Record type for CSNG subrecord of CONS file
                                                         CSNG
C159
       Date of ownership
                                                         1982
                                                         BURNETT JILL&WM
C161
       Owner
       Other identifier
                                                         L01B02
C190
       Assignor of other identifier
                                                         KIANA SUB
C191
       Other data type
                                      APPLICATION FOR WTR&SEWER SYS 1986
C181
C182
       Other data location
       Format of other data
C261
                                                         F
       Remarks -misc
                                        ALL INFO FROM WTR&SEWER SYS APP 1986
C185
                                                                       603350151071501
C001
         Site ID (station number)
C002
       Type of site
                                                         W
                                                         m
C003
       Record classification
C004
                                                         USGS
       Source agency code
                                                          603350
C009
      Latitude
                                                          1510715
C010
      Longitude
C011
       Lat-long accuracy code
                                                         SB00601136DDBB1 007
C012
       Local well number
                                                         NWSESES36 TOO6N RO11W S
C013
      Land-net location
                                                         KENAI C-3SW KR03
C014
      Name of location map
                                                           25000
C015
       Scale of location map
C016
      Altitude of land surface
                                                               41
      Method altitude determined
C017
                                                         М
C018
      Altitude accuracy
                                                          10
C020
      Hydrologic unit code
                                                         19020302
                                                         19770425
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                         Н
C027
       Hole depth
                                                              155
                                                              155
C028
       Depth of well
       Source of depth data
C029
                                                         SB00601136DDBB1 007
C900
       Station name
                                                         19770425
C159
       Date of ownership
C161
       Owner
                                                         AMES PHILIP T
C190
       Other identifier
                                                         L01B0H
                                                         BEAVER CREEK
C191
       Assignor of other identifier
```

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080579-C
C190
      Other identifier
C191
      Assignor of other identifier
                                                         ADI.
                                                   WATER RIGHTS CERTIFICATE
C181
       Other data type
C182
       Other data location
                                                        D
                                                        F
C261
       Format of other data
                                                         19770425
C184
      Remark-date
                                        ALL INFO FROM WATER RIGHTS CERTIFICATE
C185
      Remarks -misc
                                                                       603356151123101
C001
         Site ID (station number)
                                                         W
C002
       Type of site
                                                         Ħ
C003
      Record classification
                                                         USGS
C004
       Source agency code
                                                          603356
C009
      Latitude
C010
                                                         1511231
      Longitude
C011
      Lat-long accuracy code
C012
      Local well number
                                                         SB00601133DACB1 009
      Land-net location
                                                         SWNESES33 T006N R011W S
C013
C014
      Name of location map
                                                         KENAI C-4SE KR02
                                                           25000
C015
       Scale of location map
C016
      Altitude of land surface
                                                               ٩n
C017
      Method altitude determined
                                                         10
C018
      Altitude accuracy
C020
      Hydrologic unit code
                                                         19020302
                                                         1989
C021
      Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                        Н
                                                               25
C027
       Hole depth
                                                               25
C028
      Depth of well
C029
       Source of depth data
                                                         SB00601133DACB1 009
C900
       Station name
                                                         1989
C159
      Date of ownership
                                                         BAGLEY MILDRED M
C161
      Owner
       Other identifier
C190
                                                         L032
                                                         GOVT LOTS
C191
       Assignor of other identifier
                                                         2113060-C
C190
       Other identifier
C191
       Assignor of other identifier
                                                         ADL
                                              WATER RIGHTS CERTIFICATE
C181
       Other data type
C182
       Other data location
                                                         D
                                                         귝
C261
       Format of other data
                                                         1989
C184
       Remark-date
                                      ALL INFO FROM WATER RIGHTS CERTIFICATE
       Remarks -misc
C185
                                                                        603359151152101
C001
         Site ID (station number)
C002
       Type of site
                                                         W
       Record classification
                                                         TT
C003
                                                         USGS
C004
       Source agency code
                                                          603359
C009
       Latitude
                                                          1511521
C010
       Longitude
C011
       Lat-long accuracy code
                                                         SB00601132CBCB1 001
C012
       Local well number
                                                         SWNWSWS32 T006N R011W S
C013
       Land-net location
                                                         KENAI C-4
C014
       Name of location map
       Scale of location map
                                                         63360
C015
                                                            80.00
C016
       Altitude of land surface
C017
       Method altitude determined
                                                         М
C018
       Altitude accuracy
       Topographic setting
C019
                                                         19020302
C020
       Hydrologic unit code
                                                         19670801
C021
       Date well constructed
C023
       Primary use of site
                                                         W
C024
       Primary use of water
                                                             63.4
C027
       Hole depth
                                                             53.0
C028
       Depth of well
                                                           14.3
C030
       Water level
```

C031	Date water level measured	19671108
C033	Source of water-level data	D
C034	Method water level measured	S
C803	Agency use of site code	A
C900	Station name	SB00601132CBCB1 001
C060	Date of construction	196708
C063	Name of contractor	CARVER DRL
C064	Source of construction data	D
C065	Method of construction	C
C066	Type of finish	S
C067	Type of surface seal	В
C068	Depth to bottom of seal	15
C069	Method of development	S
C070	Hours of development	16
C754		CONS
	Record type for CONS subrecord of CONS file	.00
C073	Depth to top of this interval	63.4
C074	Depth to bottom of this interval	
C075	Diameter of this interval	6.00
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-2.00
C078	Depth to bottom of this casing string	40.1
C079	Diameter of this casing string	6.00
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	40.1
C084	Depth to bottom of this open interval	53.0
C085	Type of openings in this interval	R
C088	Width of openings	.040
C760	Record type for OPEN subrecord of CONS file	OPEN
C083	Depth to top of this open interval	53.0
C084	Depth to bottom of this open interval	63.4
C085	Type of openings in this interval	Z
C760	Record type for OPEN subrecord of CONS file	OPEN
C321	Begin date for use of this measuring point	19670801
C323	Height of this measuring point	2.00
C766	Record type for MPNT subrecord of CONS file	MPNT
C159	Date of ownership	196708
C161	Owner	KENAI CITY OF
C190	Other identifier	10474
C191	Assignor of other identifier	AKRG
C191	Other identifier	7C-A
C190	Assignor of other identifier	KENAI CITY OF
	Begin year of data collection	1968
C115	3 1	
C116		
C117	End year of data collection	1968
	Source agency for network data	1968 USGS
C118	Source agency for network data Frequency of data collection	1968 USGS O
C120	Source agency for network data Frequency of data collection Type of analyses - QW network	1968 USGS O H
	Source agency for network data Frequency of data collection	1968 USGS O
C120 C706	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous	1968 USGS O H QW
C120 C706	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number)	1968 USGS O H QW
C120 C706 C001 C002	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site	1968 USGS O H QW 603355151124801 W
C120 C706 C001 C002 C003	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification	1968 USGS O H QW 603355151124801 W U
C120 C706 C001 C002 C003 C004	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code	1968 USGS O H QW 603355151124801 W U
C120 C706 C001 C002 C003 C004 C009	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude	1968 USGS O H QW 603355151124801 W U USGS 603355
C120 C706 C001 C002 C003 C004 C009 C010	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248
C120 C706 C001 C002 C003 C004 C009 C010 C011	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code	1968 USGS O H QW 603355151124801 W U USGS 603355 1511248 F
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012 C013	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010 SWNWSES33 T006N R011W S
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010 SWNWSES33 T006N R011W S KENAI C-4SE KR02
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012 C013	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010 SWNWSES33 T006N R011W S KENAI C-4SE KR02 25000
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010 SWNWSES33 T006N R011W S KENAI C-4SE KR02
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010 SWNWSES33 T006N R011W S KENAI C-4SE KR02 25000 90 M
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010 SWNWSES33 T006N R011W S KENAI C-4SE KR02 25000 90
C120 C706 C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017	Source agency for network data Frequency of data collection Type of analyses - QW network Network data type -miscellaneous  Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined	1968 USGS O H QW  603355151124801 W U USGS 603355 1511248 F SB00601133DBCA1 010 SWNWSES33 T006N R011W S KENAI C-4SE KR02 25000 90 M

```
W
C023
       Primary use of site
C024
       Primary use of water
                                                          Н
C027
                                                                35
       Hole depth
                                                                35
C028
       Depth of well
                                                          Α
C029
       Source of depth data
                                                          SB00601133DBCA1 010
C900
       Station name
C159
       Date of ownership
                                                          1979
                                                          COOK CHESTER&HONORA
C161
       Owner
C190
       Other identifier
                                                          L02
                                                          HUTTO SUB
       Assignor of other identifier
C191
                                                          201406
C190
       Other identifier
C191
       Assignor of other identifier
                                                          ADT.
                                                   WATER RIGHTS CERTIFICATE
       Other data type
C181
       Other data location
C182
                                                          F
C261
       Format of other data
C184
       Remark-date
                                                          1979
                                           ALL INFO FROM WATER RIGHTS CERTIFICATE
C185
       Remarks -misc
                                                                         603355151125701
C001
         Site ID (station number)
C002
       Type of site
                                                          W
                                                          П
C003
       Record classification
                                                          USGS
C004
       Source agency code
C009
                                                           603355
       Latitude
C010
       Longitude
                                                           1511257
C011
       Lat-long accuracy code
                                                          SB00601133DBCB1 012
C012
       Local well number
                                                          SWNWSES33 TOO6N RO11W S
C013
       Land-net location
                                                          KENAI C-4SE KR02
C014
       Name of location map
C015
                                                            25000
       Scale of location map
                                                                90
C016
       Altitude of land surface
C017
       Method altitude determined
C018
       Altitude accuracy
                                                           10
                                                          19020302
C020
       Hydrologic unit code
                                                          19760910
C021
       Date well constructed
C023
       Primary use of site
                                                          Н
C024
       Primary use of water
                                                                30
C027
       Hole depth
C028
                                                                30
       Depth of well
C029
       Source of depth data
                                                               12
C030
       Water level
C031
       Date water level measured
                                                          19760910
C033
       Source of water-level data
                                                          D
                                                          R
C034
       Method water level measured
C713
       Aquifer-type code
                                                          C
                                                          1100RNR
C714
       Aquifer code
                                                          SB00601133DBCB1 012
C900
       Station name
                                                          19760910
C060
       Date of construction
                                                          KRAXBERGER
       Name of contractor
C063
       Source of construction data
                                                          D
C064
C065
       Method of construction
                                                          С
C066
       Type of finish
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
C073
       Depth to top of this interval
       Depth to bottom of this interval
                                                                30
C074
       Diameter of this interval
                                                              6
C075
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
                                                                  0
       Depth to top of this casing string
C077
                                                                25
       Depth to bottom of this casing string
C078
C079
       Diameter of this casing string
                                                              6
       Record type for CSNG subrecord of CONS file
                                                          CSNG
C758
                                                                 25
       Depth to top of this open interval
C083
                                                                 30
C084
       Depth to bottom of this open interval
                                                          R
C085
       Type of openings in this interval
                                                          R
       Material in this interval
C086
                                                               6
C087
       Diameter of this open interval
```

```
C088
       Width of openings
                                                            .010
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C760
C148
                                                          19760910
       Date discharge measured
                                                                  12
C150
       Discharge
C151
       Source of discharge data
                                                          D
C152
       Method discharge measured
                                                          R
C703
       Discharge type
                                                          P
                                                          19760910
C159
       Date of ownership
                                                          FORBES DAVE&LORENE
C161
       Owner
C190
       Other identifier
                                                          CINDERELLA SUB
C191
       Assignor of other identifier
       Last update for OTID subrecord of MISC file
                                                          19900417
C771
C190
       Other identifier
                                                          UNCONSOL
                                                         CONFINED
C191
       Assignor of other identifier
                                            INSPECTION REPORT FOR SEWAGE&WTR SYS
C181
       Other data type
C182
       Other data location
                                                         D
                                                          F
C261
       Format of other data
                                                          D
C199
       Type of log
                                                                 0
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                                30
                                                          D
C202
       Source of log data
                                                          LOGS
C778
       Record type for LOGS subrecord of MISC file
                                                                 0
C091
       Depth to top of interval
                                                                 2
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                          1100RNR
                                                          SOIL
C096
       Lithology code
       Description of material
                                                          TOPSOIL
C097
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
       Depth to top of interval
                                                                 2
C091
C092
                                                                19
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
       Lithology code
                                                          SAND
C096
       Description of material
                                                          DRY
C097
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
       Depth to top of interval
                                                                19
C091
C092
       Depth to bottom of interval
                                                                24
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          RUSTY
C097
       Description of material
C304
       Contributing unit
                                                          N
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
C091
       Depth to top of interval
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          WATER
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                          19760910
C095
       Aquifer date -geo
                                                               12
C126
       Aquifer-static-level
                                                                         603352151112401
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          ΙŢ
                                                          USGS
C004
       Source agency code
                                                           603352
C009
       Latitude
                                                           1511124
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601134CADC1 013
C012
       Local well number
      Land-net location
                                                          SENESWS34 T006N R011W S
C013
                                                          KENAI C-4SE KR03
C014
      Name of location map
                                                            25000
C015 Scale of location map
                                                                90
C016 Altitude of land surface
C017
       Method altitude determined
```

```
10
C018
       Altitude accuracy
                                                           19020302
C020
       Hydrologic unit code
C021
       Date well constructed
                                                           197511
C023
       Primary use of site
                                                           Н
C024
       Primary use of water
C027
                                                                 31
       Hole depth
                                                                 31
C028
       Depth of well
C029
       Source of depth data
C030
       Water level
                                                                13
                                                           197511
C031
       Date water level measured
C033
       Source of water-level data
                                                           D
C034
       Method water level measured
                                                           R
                                                           1100RNR
C714
       Aquifer code
C900
                                                           SB00601134CADC1 013
       Station name
                                                           197511
C060
       Date of construction
C063
       Name of contractor
                                                           ECHO LK DRL
C064
                                                           Ð
       Source of construction data
                                                           C
C065
       Method of construction
                                                           S
C066
       Type of finish
C754
       Record type for CONS subrecord of CONS file
                                                           CONS
C073
       Depth to top of this interval
C074
       Depth to bottom of this interval
                                                                 31
C075
       Diameter of this interval
                                                               6
C756
       Record type for HOLE subrecord of CONS file
                                                           HOLE
                                                                  0
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                 26
                                                               6
C079
       Diameter of this casing string
       Record type for CSNG subrecord of CONS file
                                                           CSNG
C758
C083
       Depth to top of this open interval
                                                                 26
C084
       Depth to bottom of this open interval
                                                                 31
C085
       Type of openings in this interval
C087
       Diameter of this open interval
                                                               6
                                                             .010
C088
       Width of openings
                                                           OPEN
C760
       Record type for OPEN subrecord of CONS file
                                                           197511
C148
       Date discharge measured
                                                                   15
C150
       Discharge
C151
                                                           D
       Source of discharge data
C152
       Method discharge measured
                                                           E
C153
       Production level
                                                                 23
C154
       Static water level
                                                                 13
                                                           D
C155
       Source of water-level data
                                                           Е
C156
       Method water level measured
                                                               1.50
C272
       Specific capacity -disch
C309
       Water-level drawdown
                                                              10.0
C703
       Discharge type
C190
       Other identifier
                                                           SHARON L SUB
C191
       Assignor of other identifier
C190
       Other identifier
                                                           UNCONSOL
                                                           CONFINED
C191
       Assignor of other identifier
C190
       Other identifier
                                                           209549
       Assignor of other identifier
                                                           ADL
C191
C199
       Type of log
                                                           D
                                                                  0
C200
       Depth to top of logged interval
                                                                 31
C201
       Depth to bottom of logged interval
                                                           D
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
                                                                  0
C091
       Depth to top of interval
       Depth to bottom of interval
                                                                  2
C092
                                                           110QRNR
C093
       Aquifer code
                                                           OBDN
C096
       Lithology code
C304
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                  2
       Depth to top of interval
C091
                                                                 16
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           110QRNR
```

```
C096
       Lithology code
                                                          SAND
C304
       Contributing unit
                                                          N
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
       Depth to top of interval
                                                                16
C091
                                                                24
C092
       Depth to bottom of interval
       Aquifer code
                                                          1100RNR
C093
                                                          SDST
C096
       Lithology code
       Description of material
                                                          BRN SILT W/SM SAND
C097
C304
       Contributing unit
                                                          N
       Record type for GEOH subrecord of GEOH file
                                                          CEOH
C748
       Depth to top of interval
                                                                24
C091
C093
       Aquifer code
                                                          1100RNR
                                                          SDGL
C096
       Lithology code
                                                          MED SAND&SM FINE GRVL
C097
       Description of material
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                         603353151122501
C001
         Site ID (station number)
C002
       Type of site
                                                          W
       Record classification
                                                          U
C003
                                                          USGS
C004
       Source agency code
C005
       Project number
                                                          KENAI SLK
                                                           603353
C009
       Latitude
                                                           1511225
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00601133DACD1 013
C012
       Local well number
C013
       Land-net location
                                                          SWNESES33 T006N R011W S
C014
       Name of location map
                                                          KENAI C-4SE KR02
                                                            25000
C015
       Scale of location map
                                                                90
C016
       Altitude of land surface
C017
       Method altitude determined
C018
       Altitude accuracy
                                                           10
       Hydrologic unit code
                                                          19020302
C020
                                                          19830614
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                                37
C027
       Hole depth
                                                                36
C028
       Depth of well
                                                          D
C029
       Source of depth data
                                                               10
C030
       Water level
                                                          19830614
       Date water level measured
C031
       Source of water-level data
C033
       Method water level measured
C034
                                                          R
                                                          TT
C713
       Aquifer-type code
                                                          110QRNR
C714
       Aquifer code
                                                          SB00601133DACD1 013
C900
       Station name
                                                          19830816
C038
       Date lift data collected
                                                          S
C043
       Type of lift
                                                          Е
C045
       Type of power
                                                                5
C046
       Horsepower rating
       Manufacturer of lift device
                                                          RED JACKET
C048
                                                          LIFT
C752
       Record type for LIFT subrecord of CONS file
                                                          19830614
C060
       Date of construction
                                                          PENINSULA DR
       Name of contractor
C063
C064
       Source of construction data
                                                          S
C066
       Type of finish
                                                          CONS
C754
       Record type for CONS subrecord of CONS file
                                                                 0
C073
       Depth to top of this interval
                                                                37
       Depth to bottom of this interval
C074
       Diameter of this interval
C075
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
                                                                 n
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                              30.7
                                                               6
C079
       Diameter of this casing string
```

C758	Record type for CSNG subrecord of CONS	file	CSNG
C083	Depth to top of this open interval		30.7
C084	Depth to bottom of this open interval		36
C085	Type of openings in this interval		S
C086	Material in this interval		R
C087	Diameter of this open interval		6
C088	Width of openings		.026
C760	Record type for OPEN subrecord of CONS 1	file	OPEN
C148	Date discharge measured		19830614
C150	Discharge		80
C151	Source of discharge data		D
C152	Method discharge measured		R
C153	Production level		30
C154	Static water level		10
C155	Source of water-level data		D
C156	Method water level measured		R
C272	Specific capacity -disch		4.00
C309	Water-level drawdown		20
C703	Discharge type		P
C148	Date discharge measured		19830615
C150	Discharge		110
C151	Source of discharge data		R
C152	Method discharge measured		R
C153	Production level		19
C154	Static water level		10
C155	Source of water-level data		R
C156	Method water level measured		R
C157	Duration of discharge before producing	level	76
C272	Specific capacity -disch		12.2
C309	Water-level drawdown		9
C702	Last update -disch		19920901
C703	Discharge type		P
C147	Record sequence number		3
C148	Date discharge measured		19830616
C150	Discharge		105
C151	Source of discharge data		R
C152	Method discharge measured		R
C153	Production level		18
C154	Static water level		10
C155	Source of water-level data		R
C156	Method water level measured		R
C157	Duration of discharge before producing	level	22
C272	Specific capacity -disch		13.1
C309	Water-level drawdown		8
C703	Discharge type		P
C159	Date of ownership		19830614
C161	Owner		LOWRY ED
C190	Other identifier		L01B03
C191	Assignor of other identifier		TREE TOP SUB
C190	Other identifier		WELL 01 L01B03
C191	Assignor of other identifier		TREE TOP SUB
C190	Other identifier		UNCONSOL
C191	Assignor of other identifier		UNCONFINED
C199	Type of log		D
C200	Depth to top of logged interval		0
C201	Depth to bottom of logged interval		37
C202	Source of log data		D
C778	Record type for LOGS subrecord of MISC	file	LOGS
C091	Depth to top of interval		0
C092	Depth to bottom of interval		1.5
C093	Aquifer code		110QRNR
C096	Lithology code		SOIL
C097	Description of material		TOPSOIL
C304	Contributing unit	613	N
C748	Record type for GEOH subrecord of GEOH	tire	GEOH

```
C091
       Depth to top of interval
                                                               1.5
       Depth to bottom of interval
C092
                                                                10
C093
       Aquifer code
                                                          1100RNR
C096
       Lithology code
                                                          SAND
                                                          N
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                                10
C091
       Depth to top of interval
                                                          1100RNR
C093
       Aquifer code
C096
                                                          SAND
       Lithology code
C097
       Description of material
                                                          WTR
                                                          P
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                          19830614
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                               10
C001
                                                                         603353151122601
         Site ID (station number)
C002
       Type of site
                                                          W
                                                          U
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                          KENAI SLK
C005
       Project number
                                                           603353
C009
       Latitude
C010
       Longitude
                                                           1511226
C011
       Lat-long accuracy code
                                                          SB00601133DACD2 013
C012
       Local well number
                                                          SWNESES33 TOO6N RO11W S
C013
       Land-net location
                                                          KENAI C-4SE KR02
C014
      Name of location map
C015
                                                            25000
       Scale of location map
C016
       Altitude of land surface
C017
       Method altitude determined
                                                           10
C018
      Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          19830606
C021
       Date well constructed
C023
       Primary use of site
                                                          ŤΤ
C024
       Primary use of water
                                                               108
C027
       Hole depth
                                                               107
C028
       Depth of well
C029
       Source of depth data
                                                               10
C030
       Water level
                                                          19830606
C031
       Date water level measured
C033
       Source of water-level data
                                                          D
                                                          R
       Method water level measured
C034
                                                          C
C713
       Aquifer-type code
C714
       Aquifer code
                                                          1100RNR
                                                          SB00601133DACD2 013
C900
       Station name
                                                          19830606
C038
       Date lift data collected
C043
       Type of lift
                                                          S
                                                          Ε
C045
       Type of power
C046
       Horsepower rating
                                                                 5
       Manufacturer of lift device
                                                          RED JACKET
C048
                                                          LIFT
C752
       Record type for LIFT subrecord of CONS file
                                                          19830606
C060
       Date of construction
                                                          PENINSULA DR
C063
       Name of contractor
                                                          D
C064
       Source of construction data
                                                          s
C066
       Type of finish
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
                                                                  0
C073
       Depth to top of this interval
       Depth to bottom of this interval
                                                               108
C074
C075
       Diameter of this interval
                                                               6
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
                                                                  0
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                               95.9
                                                               6
C079
       Diameter of this casing string
                                                             .250
C081
       Wall thickness of this casing
       Record type for CSNG subrecord of CONS file
                                                          CSNG
C758
```

```
C083
       Depth to top of this open interval
                                                               95.9
C084
       Depth to bottom of this open interval
                                                              101
C085
       Type of openings in this interval
C086
       Material in this interval
C087
                                                               6
       Diameter of this open interval
C088
       Width of openings
                                                             .024
                                                           OPEN
C760
       Record type for OPEN subrecord of CONS file
                                                              101
C083
       Depth to top of this open interval
                                                                107
C084
       Depth to bottom of this open interval
C085
       Type of openings in this interval
                                                           S
C086
       Material in this interval
                                                           R
       Diameter of this open interval
                                                               6
C087
                                                             .050
C088
       Width of openings
                                                           OPEN
C760
       Record type for OPEN subrecord of CONS file
                                                           19830606
C148
       Date discharge measured
                                                                  100
C150
       Discharge
                                                           D
C151
       Source of discharge data
C152
       Method discharge measured
                                                           R
                                                                 88
C153
       Production level
                                                                 10
C154
       Static water level
C155
       Source of water-level data
                                                           D
                                                          R
C156
       Method water level measured
                                                               1.28
C272
       Specific capacity -disch
C309
       Water-level drawdown
                                                                 78
C703
       Discharge type
                                                           19830606
C159
       Date of ownership
C161
       Owner
                                                           LOWRY ED
C190
       Other identifier
                                                           L01B03
C191
       Assignor of other identifier
                                                           TREE TOP SUB
C190
       Other identifier
                                                           WELL 02 L01B03
                                                           TREE TOP SUB
C191
       Assignor of other identifier
       Other identifier
                                                           UNCONSOL
C190
C191
       Assignor of other identifier
                                                           CONFINED
C199
       Type of log
                                                                  0
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                                108
C202
       Source of log data
                                                           D
                                                           LOGS
C778
       Record type for LOGS subrecord of MISC file
                                     WELL 02 IS A BACKUP SOURCE OF WTR FOR SUB
C185
       Remarks -misc
                                                           GEOH
       Record type for GEOH subrecord of GEOH file
C748
                                                                  0
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                1.5
                                                           1100RNR
C093
       Aquifer code
                                                           SOIL
C096
       Lithology code
C097
       Description of material
                                                           TOPSOIL
C304
       Contributing unit
                                                           N
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C091
       Depth to top of interval
                                                                1.5
                                                                 42
C092
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
C304
                                                           N
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                 42
C092
       Depth to bottom of interval
                                                                 44
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
                                                           SM CLAY CHUNKS
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 44
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 82
C093
       Aquifer code
                                                           110QRNR
C096
                                                           SAND
       Lithology code
       Contributing unit
C304
```

C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	82
C092	Depth to bottom of interval	95
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY BLUE
C097 C304	Description of material Contributing unit	N N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	95
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19830606
C126	Aquifer-static-level	10
C001	Site ID (station number)	603343151073101
C002	Type of site	W
C003 ·	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603343
C010	Longitude	1510731
C011	Lat-long accuracy code	F SB00601136DCCA2 004
C012 C013	Local well number	SB00601136DCCA2 004 SWSWSES36 T006N R011W S
C013	Land-net location Name of location map	KENAI C-4SE KR03
C014	Scale of location map	25000
C016	Altitude of land surface	25
C017	Method altitude determined	М
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19780716
C023	Primary use of site	W
C024	Primary use of water	Н
C027	Hole depth	30
C028	Depth of well	30
C029	Source of depth data	D 9
C030 C031	Water level Date water level measured	19780716
C031	Source of water-level data	D
C034	Method water level measured	R
C714	Aquifer code	110QRNR
C900	Station name	SB00601136DCCA2 004
C060	Date of construction	19780716
C063	Name of contractor	PENINSULA DR
C064	Source of construction data	D
C066	Type of finish	0
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0 30
C074	Depth to bottom of this interval	6
C075 C756	Diameter of this interval Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-1.7
C078	Depth to bottom of this casing string	30
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C148	Date discharge measured	19780716
C150	Discharge	14
C151	Source of discharge data	D
C152	Method discharge measured	R
C153	Production level	12
C154	Static water level	9
C155	Source of water-level data	D

```
C156
       Method water level measured
C272
       Specific capacity -disch
                                                              4.67
       Water-level drawdown
                                                              3.00
C309
C703
       Discharge type
                                                          19780716
C159
       Date of ownership
                                                          WALKER ROGER
C161
       Owner
C190
       Other identifier
                                                          T08B0H
C191
       Assignor of other identifier
                                                          BEAVER CREEK
C190
       Other identifier
                                                          UNCONSOL
C191
       Assignor of other identifier
                                                          CONFINED
                                                          D
C199
       Type of log
C200
       Depth to top of logged interval
                                                                 ٥
                                                                30
       Depth to bottom of logged interval
C201
C202
       Source of log data
                                                          LOGS
C778
       Record type for LOGS subrecord of MISC file
C184
       Remark-date
                                                          19780716
C185
       Remarks -misc
                                             DRLR RPTS IRON TEST 5.5-6PPM
C091
       Depth to top of interval
                                                                 0
                                                                 2
C092
       Depth to bottom of interval
                                                          1100RNR
C093
       Aquifer code
                                                          SOTE
C096
       Lithology code
                                                          TOPSOIL
C097
       Description of material
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                 2
C092
       Depth to bottom of interval
                                                                11
                                                          1100RNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                                11
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                17
                                                          1100RNR
C093
       Aquifer code
                                                          SDGL
C096
       Lithology code
                                                          N
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                17
C092
       Depth to bottom of interval
                                                                22
C093
       Aquifer code
                                                          110QRNR
                                                          SDGL
C096
       Lithology code
                                                          TIGHT FORMATION
C097
       Description of material
C304
       Contributing unit
                                                          N
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
       Depth to top of interval
                                                                22
C091
                                                          1100RNR
       Aquifer code
C093
C096
                                                           SDGL
       Lithology code
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
                                                           19780716
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                                9
                                                                         603353151154801
C001
         Site ID (station number)
                                                          W
C002
       Type of site
C003
       Record classification
                                                          Ħ
                                                           USGS
C004
       Source agency code
                                                           KENAI ERJ
C005
       Project number
                                                            603353
C009
       Latitude
C010
       Longitude
                                                           1511548
C011
       Lat-long accuracy code
                                                           SB00601131DADC1 012
C012
       Local well number
                                                           SENESES31 TOO6N RO11W S
C013
       Land-net location
                                                           KENAI C-4SE KR02
C014
       Name of location map
C015
       Scale of location map
                                                            25000
C016
       Altitude of land surface
                                                                 86
```

```
C017
       Method altitude determined
C018
       Altitude accuracy
                                                           19020302
C020
       Hydrologic unit code
                                                           19850822
       Date well constructed
C021
C023
       Primary use of site
       Primary use of water
                                                          Н
C024
                                                                 65
C027
       Hole depth
C028
       Depth of well
                                                                 64
C029
       Source of depth data
                                                                38
C030
       Water level
                                                           19850822
C031
       Date water level measured
C033
       Source of water-level data
C034
       Method water level measured
                                                          R
       Aquifer code
                                                           110QRNR
C714
C900
       Station name
                                                           SB00601131DADC1 012
C038
       Date lift data collected
                                                           19850822
C043
       Type of lift
                                                           S
                                                           F.
C045
       Type of power
C046
       Horsepower rating
       Record type for LIFT subrecord of CONS file
C752
                                                           LIFT
C060
       Date of construction
                                                           19850822
                                                          NORTHLAND DR
C063
       Name of contractor
C064
       Source of construction data
                                                          D
C065
       Method of construction
                                                          Α
                                                           S
C066
       Type of finish
       Record type for CONS subrecord of CONS file
C754
                                                           CONS
       Depth to top of this interval
                                                                 0
C073
                                                                 65
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                           HOLE
C756
C077
       Depth to top of this casing string
                                                               -1.5
C078
       Depth to bottom of this casing string
                                                                 59
C079
       Diameter of this casing string
                                                               6
                                                           CSNG
C758
       Record type for CSNG subrecord of CONS file
                                                                 59
C083
       Depth to top of this open interval
C084
       Depth to bottom of this open interval
                                                                 64
                                                           S
C085
       Type of openings in this interval
C087
       Diameter of this open interval
                                                               6
                                                             .010
C088
       Width of openings
                                                           OPEN
       Record type for OPEN subrecord of CONS file
C760
                                                           19850822
C148
       Date discharge measured
C150
       Discharge
                                                                   40
                                                           D
C151
       Source of discharge data
C152
       Method discharge measured
                                                           R
                                                                 45
C153
       Production level
                                                                 38
C154
       Static water level
C155
       Source of water-level data
                                                           D
       Method water level measured
                                                           R
C156
                                                               5.71
C272
       Specific capacity -disch
                                                                  7
C309
       Water-level drawdown
                                                           Р
C703
       Discharge type
                                                           19850822
C159
       Date of ownership
                                                           LYNN ROLAND D&GAIL LEE
C161
       Owner
C769
       Last update for OWNR subrecord of MISC file
                                                           19901126
C190
       Other identifier
                                                           L79BB01
C191
       Assignor of other identifier
                                                           MCKINLEY SUB
       Other identifier
                                                           UNCONSOL
C190
                                                           CONFINED
C191
       Assignor of other identifier
C199
       Type of log
                                                           n
                                                                  0
       Depth to top of logged interval
C200
       Depth to bottom of logged interval
                                                                 65
C201
C202
       Source of log data
                                                           D
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C778
                                                       DRLR RPTS NO GROUTING USED
C185
       Remarks -misc
C091
       Depth to top of interval
                                                                  0
```

C092	Depth to bottom of interval	17
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	N GDOV
C748 C091	Record type for GEOH subrecord of GEOH	file GEOH 17
C091	Depth to top of interval Depth to bottom of interval	25
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH	file GEOH
C091	Depth to top of interval	25
C092	Depth to bottom of interval	45
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	N File
C748 C091	Record type for GEOH subrecord of GEOH	file GEOH 45
C091	Depth to top of interval Depth to bottom of interval	54
C092	Aquifer code	110QRNR
C096	Lithology code	STCL
C097	Description of material	W/SAND
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH	file GEOH
C091	Depth to top of interval	54
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WATER, CLEAN
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH	
C095	Aquifer date -geo	19850822
C126	Aquifer-static-level	38
C132	Aquifer contribution	100
C001	Site ID (station number)	603347151113601
<b>C001</b>	Site ID (station number) Type of site	6033 <b>47</b> 151113601
	•	W U
C002 C003 C004	Type of site Record classification Source agency code	W U USGS
C002 C003 C004 C009	Type of site Record classification Source agency code Latitude	w u usgs 603347
C002 C003 C004 C009 C010	Type of site Record classification Source agency code Latitude Longitude	W U USGS 603347 1511136
C002 C003 C004 C009 C010	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code	W U USGS 603347 1511136 F
C002 C003 C004 C009 C010 C011	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number	W U USGS 603347 1511136 F SB00601134CDBC1 017
C002 C003 C004 C009 C010 C011 C012 C013	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S
C002 C003 C004 C009 C010 C011 C012 C013 C014	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S
C002 C003 C004 C009 C010 C011 C012 C013 C014	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161 C190	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner Other identifier	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE L01
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161 C190 C191	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner Other identifier Assignor of other identifier	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE L01 HOOD SUB 2
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161 C190 C191 C185	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner Other identifier Assignor of other identifier Remarks -misc	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE L01 HOOD SUB 2 ALL INFO FROM DEC SEWAGE&WATER SYS
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161 C190 C191	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner Other identifier Assignor of other identifier	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE L01 HOOD SUB 2 ALL INFO FROM DEC SEWAGE&WATER SYS
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161 C190 C191 C185 C788 C185	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner Other identifier Assignor of other identifier Remarks -misc Record type for RMKS subrecord of MISC Remarks -misc	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE L01 HOOD SUB 2 ALL INFO FROM DEC SEWAGE&WATER SYS file RMKS WELL DEPTH UNKNOWN 8-9-90
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161 C190 C191 C185 C788 C185	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner Other identifier Assignor of other identifier Remarks -misc Record type for RMKS subrecord of MISC Remarks -misc	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE L01 HOOD SUB 2 ALL INFO FROM DEC SEWAGE&WATER SYS file RMKS WELL DEPTH UNKNOWN 8-9-90
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C900 C159 C161 C190 C191 C185 C788 C185	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Station name Date of ownership Owner Other identifier Assignor of other identifier Remarks -misc Record type for RMKS subrecord of MISC Remarks -misc	W U USGS 603347 1511136 F SB00601134CDBC1 017 NWSESWS34 T006N R011W S KENAI C-4SE KR03 25000 90 M 10 19020302 1978 W H SB00601134CDBC1 017 1978 HOOD WILLIAM L&JOYCE L01 HOOD SUB 2 ALL INFO FROM DEC SEWAGE&WATER SYS file RMKS WELL DEPTH UNKNOWN 8-9-90

```
C004
                                                          USGS
       Source agency code
C005
       Project number
                                                          KENAI ERJ
                                                          603352
C009
       Latitude
C010
       Longitude
                                                          1511546
C011
       Lat-long accuracy code
                                                          SB00601131DADC2 012
       Local well number
C012
C013
       Land-net location
                                                          SENESES31 TOO6N RO11W S
                                                          KENAI C-4SE KR02
C014
      Name of location map
                                                            25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                                90
C017
       Method altitude determined
                                                          М
                                                          10
C018
      Altitude accuracy
                                                          19020302
C020
      Hydrologic unit code
                                                          1959
C021
      Date well constructed
C023
       Primary use of site
                                                          W
                                                          Н
C024
       Primary use of water
                                                                20
C027
       Hole depth
C028
       Depth of well
                                                                2.0
C029
       Source of depth data
                                                          SB00601131DADC2 012
C900
       Station name
                                                          1959
       Date of construction
C060
                                                          UNKNOWN
C063
      Name of contractor
C064
       Source of construction data
                                                          Α
C065
      Method of construction
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
                                                                 0
C073
       Depth to top of this interval
                                                                20
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                              6
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C159
       Date of ownership
                                                          19591010
                                                          MCGRADY ALLEN &VIVIAN L
C161
       Owner
                                                          L80
C190
       Other identifier
C191
       Assignor of other identifier
                                                          SECTION 31 LOTS
C190
       Other identifier
                                                          040308
C191
       Assignor of other identifier
                                                          ADI.
C185
       Remarks -misc
                                       CERTIFICATE OF APPROPRIATION OF WATER
                                                                        603346151110301
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          IJ
                                                          USGS
C004
       Source agency code
                                                          KENAI SCK
C005
       Project number
                                                           603346
C009
       Latitude
                                                          1511103
C010
       Longitude
       Lat-long accuracy code
C011
       Local well number
                                                          SB00601134DCBD1 019
C012
                                                          NWSWSES34 T006N R011W S
C013
       Land-net location
C014
       Name of location map
                                                          KENAI C-4SE KR03
                                                            25000
C015
       Scale of location map
                                                                90
C016
       Altitude of land surface
                                                          М
C017
       Method altitude determined
C018
       Altitude accuracy
                                                           10
                                                          19020302
C020
       Hydrologic unit code
                                                          19820430
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                          Н
                                                              33.5
C027
       Hole depth
                                                              33.5
C028
       Depth of well
C029
       Source of depth data
                                                          D
                                                               14
C030
       Water level
                                                          19820430
C031
       Date water level measured
       Source of water-level data
                                                          D
C033
       Method water level measured
C034
                                                          110QRNR
C714
       Aquifer code
```

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C900
                                                          SB00601134DCBD1 019
       Station name
C060
       Date of construction
                                                          19820430
C063
       Name of contractor
                                                          PENINSULA DR
       Source of construction data
                                                          D
C064
C066
                                                          0
       Type of finish
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
       Depth to top of this interval
C073
C074
       Depth to bottom of this interval
                                                              33.5
C075
       Diameter of this interval
                                                              6
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C077
       Depth to top of this casing string
                                                              -1.8
       Depth to bottom of this casing string
C078
                                                              33.5
C079
       Diameter of this casing string
                                                              6
C081
       Wall thickness of this casing
                                                             .25
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                          19820430
C148
       Date discharge measured
C150
       Discharge
                                                                  12
                                                          D
C151
       Source of discharge data
                                                          R
C152
       Method discharge measured
C153
                                                                25
       Production level
C154
       Static water level
                                                                14
                                                          D
C155
       Source of water-level data
C156
       Method water level measured
                                                          R
C272
       Specific capacity -disch
                                                              1.09
                                                             11.0
C309
       Water-level drawdown
                                                          19920422
C702
       Last update -disch
       Discharge type
C703
C159
                                                          19820430
       Date of ownership
                                                          BOUGE GARY C
C161
       Owner
C190
       Other identifier
                                                          L150
C191
       Assignor of other identifier
                                                          SECTION 34 LOTS
                                                          UNCONSOL
C190
       Other identifier
                                                          UNCONFINED
C191
       Assignor of other identifier
                                                INSPECTION FOR WTR&SEWER SYS 1982
C181
       Other data type
C182
                                                          D
       Other data location
                                                          F
C261
       Format of other data
       Type of log
                                                          D
C199
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                              33.5
                                                          D
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
                                                                 0
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 6
                                                          1100RNR
C093
       Aquifer code
C096
                                                          OTHR
       Lithology code
C097
                                                          OPEN PIT
       Description of material
       Contributing unit
C304
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                                 6
                                                                31
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          IJ
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                          1100RNR
C093
       Aquifer code
                                                          SDGL
C096
       Lithology code
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                          19820430
C095
       Aquifer date -geo
                                                               14
C126
       Aquifer-static-level
                                                                         603346151115701
C001
         Site ID (station number)
C002
       Type of site
```

C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603346
C010	Longitude	1511157
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CCBD1 · 016
C013	Land-net location	NWSWSWS34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
C015	Scale of location map	25000
C016	Altitude of land surface	90
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19780408
C023	Primary use of site	W
C024	Primary use of water	D
C027	Hole depth	33
C028	Depth of well	33
C029	Source of depth data	R
C900	Station name	SB00601134CCBD1 016
C038	Date lift data collected	19780408
C043	Type of lift	J
C045	Type of power	E
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	19780408
C063	Name of contractor	UNKNOWN
C064	Source of construction data	A
C065	Method of construction	V
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	33
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	0
C078	Depth to bottom of this casing string	32
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C159	Date of ownership	19780408
C161	Owner	HOOD WILLIAM
C190	Other identifier	LO2
C191	Assignor of other identifier	HOOD SUB 1
C001	Site ID (station number)	603343151124002
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603343
C010		
C011	Longitude	1511239
	Longitude Lat-long accuracy code	1511239 T
C012	Lat-long accuracy code	
C012 C013	Lat-long accuracy code Local well number	Т
C013	Lat-long accuracy code	T SB00601133DDCB1 007
	Lat-long accuracy code Local well number Land-net location Name of location map	T SB00601133DDCB1 007 SWSESES33 T006N R011W S
C013 C014	Lat-long accuracy code Local well number Land-net location	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4
C013 C014 C015	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360
C013 C014 C015 C016	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00
C013 C014 C015 C016 C017	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00 M
C013 C014 C015 C016 C017 C018	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00 M 25
C013 C014 C015 C016 C017 C018 C019	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00 M 25 T
C013 C014 C015 C016 C017 C018 C019	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00 M 25 T 19020302
C013 C014 C015 C016 C017 C018 C019 C020 C023	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00 M 25 T 19020302 W
C013 C014 C015 C016 C017 C018 C019 C020 C023 C024	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00 M 25 T 19020302 W T
C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027	Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth	T SB00601133DDCB1 007 SWSESES33 T006N R011W S KENAI C-4 63360 81.00 M 25 T 19020302 W T

```
C033
       Source of water-level data
                                                          S
                                                          Α
C803
       Agency use of site code
C815
       Locator sequence number
C900
       Station name
                                                          SB00601133DDCB1 007
C043
       Type of lift
C045
       Type of power
C046
       Horsepower rating
                                                            10.0
       Record type for LIFT subrecord of CONS file
                                                          LIFT
C752
                                                          1967
C060
       Date of construction
C063
       Name of contractor
                                                          SOLDOTNA DRL
C064
       Source of construction data
C065
       Method of construction
C068
       Depth to bottom of seal
                                                             0
                                                          CONS
C754
       Record type for CONS subrecord of CONS file
       Depth to top of this interval
                                                                .00
C073
                                                            213
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                           8.00
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
                                                               .00
C077
       Depth to top of this casing string
C078
                                                            201
       Depth to bottom of this casing string
C079
       Diameter of this casing string
                                                           8.00
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                          19750910
C321
       Begin date for use of this measuring point
C323
       Height of this measuring point
                                                            1.00
C766
                                                          MPNT
       Record type for MPNT subrecord of CONS file
C148
       Date discharge measured
                                                          1967
C150
       Discharge
                                                               48.0
C151
       Source of discharge data
C153
       Production level
                                                            150
C154
       Static water level
                                                             39.0
                                                          D
C155
       Source of water-level data
       Specific capacity -disch
C272
                                                                .43
C309
       Water-level drawdown
                                                            111
C703
       Discharge type
C159
                                                          1967
       Date of ownership
C161
       Owner
                                                          KENAI CENT HIGH SCH
C190
       Other identifier
                                                          WELL2
                                                          KENAI CNT HI SC
C191
       Assignor of other identifier
C190
       Other identifier
                                                          10480
C191
       Assignor of other identifier
                                                          AKRG
       Other identifier
                                                          UNCONSOL
C190
C191
       Assignor of other identifier
                                                          CONFINED
       Other data type
C181
                                                          DAILY VALU
C182
       Other data location
C261
       Format of other data
C187
       Date of visit
                                                          19670916
C188
       Person who made visit
                                                          STILL P
C774
       Record type for VIST subrecord of MISC file
                                                          VIST
                                                          19670916
C193
       Date of water-quality measurement
                                                          00010
C196
       Water-quality parameter code
C197
                                                               20.0
       Value of water-quality parameter
       Record type for QUAL subrecord of MISC file
C776
                                                          QUAL
                                                          D
C199
       Type of log
C200
       Depth to top of logged interval
                                                                .00
C201
       Depth to bottom of logged interval
                                                            213
                                                          n
C202
       Source of log data
                                                          LOGS
C778
       Record type for LOGS subrecord of MISC file
                                                          G
C199
       Type of log
C200
       Depth to top of logged interval
                                                                .00
                                                            213
C201
       Depth to bottom of logged interval
                                                          s
C202
       Source of log data
                                                          LOGS
C778
       Record type for LOGS subrecord of MISC file
C199
       Type of log
C200
       Depth to top of logged interval
                                                              4.00
C201
                                                            200
       Depth to bottom of logged interval
```

```
C202
       Source of log data
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C778
C199
                                                          N
       Type of log
       Depth to top of logged interval
                                                              4.00
C200
                                                            200
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                          S
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
                                                          1966
C115
       Begin year of data collection
C116
       End year of data collection
                                                          1966
C117
                                                          USGS
       Source agency for network data
C118
       Frequency of data collection
C120
       Type of analyses - QW network
                                                          Α
C706
       Network data type -miscellaneous
                                                          QW
C115
       Begin year of data collection
                                                          1967
C116
       End year of data collection
                                                          1967
                                                          USGS
C117
       Source agency for network data
                                                          0
C118
       Frequency of data collection
C120
       Type of analyses - QW network
                                                          Н
C706
       Network data type -miscellaneous
                                                          OW
C115
       Begin year of data collection
                                                          1970
       End year of data collection
                                                          1971
C116
                                                          USGS
C117
       Source agency for network data
                                                          C
C118
       Frequency of data collection
                                                          WL
       Network data type -miscellaneous
C706
C115
       Begin year of data collection
                                                          1969
C116
       End year of data collection
                                                          1970
                                                          USGS
C117
       Source agency for network data
                                                          Ι
C118
       Frequency of data collection
C706
       Network data type -miscellaneous
                                                          WI.
                                                          1971
C115
       Begin year of data collection
                                                          1975
C116
       End year of data collection
                                                          USGS
C117
       Source agency for network data
       Frequency of data collection
C118
                                                          М
C706
       Network data type -miscellaneous
                                                          WT.
                                                          19790917
C184
       Remark-date
                                           1 DATE OF CONSTR/OWNERSHIP UNKNOWN
C185
       Remarks -misc
       Depth to top of interval
                                                            175
C091
C092
       Depth to bottom of interval
                                                            201
                                                          110QRNR
C093
       Aquifer code
                                                          CLAY
C096
      Lithology code
                                                          SOME DRY GRVL
C097
       Description of material
C304
       Contributing unit
                                                          П
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                            201
C091
       Depth to top of interval
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          SDGL
C304
       Contributing unit
                                                          Þ
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                          19691014
C095
       Aquifer date -geo
                                                            26.6
C126
       Aquifer-static-level
                                                          100
C132
       Aquifer contribution
C235
       Water-level measurement date
                                                          19701221
C237
       Water level
                                                            25.48
                                                          19710127
C235
       Water-level measurement date
C237
       Water level
                                                            25.89
C235
       Water-level measurement date
                                                          19710323
                                                            26.78
C237
       Water level
                                                          19710820
       Water-level measurement date
C235
                                                            25.92
C237
       Water level
C235
       Water-level measurement date
                                                           19710928
C237
       Water level
                                                            25.87
                                                           19711006
C235
       Water-level measurement date
                                                            25.72
C237
       Water level
C235
       Water-level measurement date
                                                          19711013
                                                            25.71
C237
       Water level
```

C235	Water-level	measurement	date	19711108
C237	Water level			25.33
C235	Water-level	measurement	date	19711207
C237	Water level			25.46
C235	Water-level	measurement	date	19720126
C237	Water level			26.13
C235	Water-level	measurement	date	19720223
C237	Water level			26.41
C235	Water-level	measurement	date	19720324
C237	Water level			26.42
C235	Water-level	measurement	date	19720511
C237	Water level			26.62
C235	Water-level	measurement	date	19720623
C237	Water level			25.67
C235	Water-level	measurement	date	19720725
C237	Water level			25.50
C235	Water-level	measurement	date	19720921
C237	Water level			25.08
C235	Water-level	measurement	date	19721025
C237	Water level		-	24.89
C235	Water-level	measurement	date	19721129
C237	Water level			24.52
C235	Water-level	measurement	date	19730201
C237	Water level			25.23
C235	Water-level	measurement	date	19730307
C237	Water level			25.41
C235	Water-level	measurement	date	19730404
C237	Water level			25.54
C235	Water-level	measurement	date	19730510
C237	Water level			25.33
C235	Water-level	measurement	date	19730622
C237	Water level			25.16
C235	Water-level	measurement	date	19730906
C237	Water level			24.99
C235	Water-level	measurement	date	19731009
C237	Water level			24.88
C235	Water-level	${\tt measurement}$	date	19731130
C237	Water level			25.07
C235	Water-level	${\tt measurement}$	date	19731219
C237	Water level			25.03
C235	Water-level	${\tt measurement}$	date	19740123
C237	Water level			25.44
C235	Water-level	${\tt measurement}$	date	19740221
C237	Water level			25.64
C235	Water-level	${\tt measurement}$	date	19740321
C237	Water level			25.88
C235	Water-level	measurement	date	19740424
C237	Water level			25.79
C235	Water-level	measurement	date	19740623
C237	Water level			25.80
C235	Water-level	measurement	date	19740801
C237	Water level			25.86
C235	Water-level	measurement	date	19740904
C237	Water level			25.88
C235	Water-level	measurement	date	19741008
C237	Water level			25.43
C235	Water-level	measurement	date	19741119
C237	Water level			25.27
C235	Water-level	measurement	date	19750201
C237	Water level			25.70
C235	Water-level	measurement	date	19750312
C237	Water level			25.80
C235	Water-level	measurement	date	19750424
C237	Water level			25.95
C235	Water-level	measurement	date	19750710

C001	Site ID (station number)	603343151124001
C002	Type of site	W
C002	Record classification	U
C003	Source agency code	USGS
C004	Latitude	603343
C010	Longitude	1511240
C010	Lat-long accuracy code	ጥ
C011	Local well number	SB00601133DCDA1 003
C012	Land-net location	SESWSES33 TOO6N RO11W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	81
C017	Method altitude determined	M
C018	Altitude accuracy	5
C020	Hydrologic unit code	19020302
C021	Date well constructed	1960
C023	Primary use of site	W
C024	Primary use of water	T
C027	Hole depth	45.5
C028	Depth of well	45
C029	Source of depth data	D
C303	Date site record created	19861223
C900	Station name	SB00601133DCDA1 003
C060	Date of construction	1960
C063	Name of contractor	SOLDOTNA DRL
C064	Source of construction data	D
C066	Type of finish	S
C069	Method of development	S
C070	Hours of development	10
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	45.5
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	0
C078	Depth to bottom of this casing string	35
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	35
C084	Depth to bottom of this open interval	45
C085	Type of openings in this interval	S
C087	Diameter of this open interval	6
C088	Width of openings	.040
C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	1960
C150	Discharge	140
C151	Source of discharge data	D
C153	Production level	14
C154	Static water level	7
C155	Source of water-level data	D
C156	Method water level measured	R
C157	Duration of discharge before producing level	12
C272	Specific capacity -disch	20.0
C309	Water-level drawdown	7
C702	Last update -disch	19861223
C703	Discharge type	P
C148	Date discharge measured	1960
C150	Discharge	250
C151	Source of discharge data	D
C152	Method discharge measured	E 10
C153	Production level	18 7
C154	Static water level	,

```
D
C155
       Source of water-level data
C156
       Method water level measured
C272
                                                             22.7
       Specific capacity -disch
C309
       Water-level drawdown
                                                                11
                                                          Р
C703
       Discharge type
                                                          1960
C159
       Date of ownership
                                                          KENAI HIGH SCHOOL
C161
       Owner
C190
       Other identifier
                                                          10478
C191
       Assignor of other identifier
                                                          AKRG
                                                          UNCONSOL
C190
       Other identifier
                                                          UNCONFINED
C191
       Assignor of other identifier
C199
       Type of log
       Depth to top of logged interval
C200
       Depth to bottom of logged interval
                                                              45.5
C201
                                                          D
C202
       Source of log data
       Record type for LOGS subrecord of MISC file
C778
                                                          LOGS
                                                DATES OF CONST/OWNERSHIP UNKNOWN
C185
       Remarks -misc
C788
       Record type for RMKS subrecord of MISC file
                                                          RMKS
C091
       Depth to top of interval
                                                                 0
                                                               3.5
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
                                                          OTHR
C096
       Lithology code
C097
                                                          TOPSOIL
       Description of material
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                               3.5
C092
       Depth to bottom of interval
                                                                24
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          SAND
                                                          BROWN
C097
       Description of material
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                                24
                                                                35
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          REDDISH
       Description of material
C097
C304
                                                          S
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                                35
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                45
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          SDGL
                                                          GREY
C097
       Description of material
C304
       Contributing unit
                                                          S
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
       Depth to top of interval
C091
                                                          110QRNR
C093
       Aquifer code
                                                          CLAY
C096
       Lithology code
C097
       Description of material
                                                          BLUE
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                                         603336151070601
C001
         Site ID (station number)
                                                          W
C002
       Type of site
                                                          IJ
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                          KENAI PVK
C005
       Project number
                                                           603336
C009
       Latitude
                                                           1510706
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00501101AABA1 011
C012
       Local well number
                                                          NWNENES01 T005N R011W S
C013
       Land-net location
                                                          KENAI C-3SW KR06
C014
       Name of location map
```

C015	Scale of location map	25000
C016	Altitude of land surface	41
C017	Method altitude determined	М
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	1990
C023	Primary use of site	W
C024	Primary use of water	Н
C027	Hole depth	41
C028	Depth of well	41
C029	Source of depth data	D
C030	Water level	10
C031	Date water level measured	1990
C033	Source of water-level data	D
C034	Method water level measured	R
C714	Aquifer code	110QRNR
C900	Station name	SB00501101AABA1 011
C060	Date of construction	1990
C063	Name of contractor	NORTHLAND DR
C064	Source of construction data	D
C066	Type of finish	0
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	41
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	0
C078	Depth to bottom of this casing string	41
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C148	Date discharge measured	1990
C140	Discharge measured	12
C150		D
C151	Source of discharge data	R
C702	Method discharge measured	19901123
C702	Last update -disch	P
	Discharge type	
C1 E O	Date of ermorahin	_
C159	Date of ownership	1990
C161	Owner	1990 BENTON DEWAYNE J&LAONE C
C161 C190	Owner Other identifier	1990 BENTON DEWAYNE J&LAONE C L10B04
C161 C190 C191	Owner Other identifier Assignor of other identifier	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1
C161 C190 C191 C771	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123
C161 C190 C191 C771 C190	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL
C161 C190 C191 C771 C190 C191	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED
C161 C190 C191 C771 C190 C191 C199	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D
C161 C190 C191 C771 C190 C191 C199 C200	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D
C161 C190 C191 C771 C190 C191 C199 C200 C201	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to bottom of interval Depth to bottom of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to bottom of interval Depth to bottom of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to bottom of interval Depth to bottom of interval Aquifer code Lithology code Description of material	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to bottom of interval Depth to bottom of interval Aquifer code Lithology code	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to bottom of interval Depth to bottom of interval Aquifer code Lithology code Description of material	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to top of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091 C092	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to top of interval Depth to top of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH 1 20
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091 C092 C093	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Depth to top of interval Depth to top of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH 1 20 110QRNR
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091 C092 C093 C096	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Aquifer code Lithology code Contributing unit	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH 1 20 110QRNR SDCL
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091 C092 C093 C096 C304	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH 1 20 110QRNR SDCL N
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091 C092 C093 C096 C304 C748	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Aquifer code Lithology code Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Aquifer code Lithology code Contributing unit Record type for GEOH subrecord of GEOH file Depth to top of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH 1 20 110QRNR SDCL N GEOH
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091 C092 C093 C096 C304 C748 C091 C092 C093 C096 C304 C748 C091 C092	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Aquifer code Lithology code Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Aquifer code Lithology code Contributing unit Record type for GEOH subrecord of GEOH file Depth to top of interval Depth to bottom of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH 1 20 110QRNR SDCL N GEOH 20
C161 C190 C191 C771 C190 C191 C199 C200 C201 C202 C778 C091 C092 C093 C096 C097 C304 C748 C091 C092 C093 C096 C304 C748 C091	Owner Other identifier Assignor of other identifier Last update for OTID subrecord of MISC file Other identifier Assignor of other identifier Type of log Depth to top of logged interval Depth to bottom of logged interval Source of log data Record type for LOGS subrecord of MISC file Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Aquifer code Lithology code Contributing unit Record type for GEOH subrecord of GEOH file Depth to bottom of interval Aquifer code Lithology code Contributing unit Record type for GEOH subrecord of GEOH file Depth to top of interval	1990 BENTON DEWAYNE J&LAONE C L10B04 THOMPSON PARK 1 19901123 UNCONSOL CONFINED D 0 41 D LOGS 0 1 110QRNR SOIL TOPSOIL N GEOH 1 20 110QRNR SDCL N GEOH 20 32

C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	32
C093	Aquifer code	110QRNR
C096	Lithology code	GRVL
C097	Description of material	WTR
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aguifer date -geo	1990
C126	Aquifer-static-level	10
C001	Site ID (station number)	603340151105001
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI SLK
C009	Latitude	603340
C010	Longitude	1511050
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134DCDD1 024
C013	Land-net location	SESWSES34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
C015	Scale of location map	25000
C016	Altitude of land surface	90
C017	Method altitude determined	М
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19800825
C023	Primary use of site	W
C024	Primary use of water	Н
C027	Hole depth	37
C028	Depth of well	37
C029	Source of depth data	D
C030	Water level	14
C031	Date water level measured	19800825
C033	Source of water-level data	D -
C034	Method water level measured	R 
C713	Aquifer-type code	U 1100DND
C714	Aquifer code	110QRNR SB00601134DCDD1 024
C900	Station name	19800825
C060 C063	Date of construction	KRAXBERGER
C063	Name of contractor Source of construction data	D
C065	Method of construction	A
C065	Type of finish	0
C754	Record type for CONS subrecord of CONS file	CONS
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	37
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-2
C078	Depth to bottom of this casing string	37
C079	Diameter of this casing string	6
C725	Record number for casing subrecord	1
C758	Record type for CSNG subrecord of CONS file	CSNG
C148	Date discharge measured	19800825
C150	Discharge	15
C151	Source of discharge data	D
C152	Method discharge measured	R
C702	Last update -disch	19920901
C703	Discharge type	P
C159	Date of ownership	19800825
C161	Owner	FIDLER DONALD
C190	Other identifier	L178
C191	Assignor of other identifier	SECTION 34 LOTS

```
C190
       Other identifier
                                                          UNCONSOL
                                                          UNCONFINED
C191
       Assignor of other identifier
                                                INSPECTION FOR WTR&SEWER SYS 1980
       Other data type
C181
                                                          D
C182
       Other data location
       Format of other data
                                                          F
C261
C199
       Type of log
                                                          ח
       Depth to top of logged interval
                                                                 Ω
C200
                                                                37
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                          D
       Record type for LOGS subrecord of MISC file
                                                          LOGS
C778
                                                                 0
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 2
                                                          1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          SOTI
C097
       Description of material
                                                          TOPSOIL&CLAY
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
C091
       Depth to top of interval
                                                                 2
C092
                                                                19
       Depth to bottom of interval
C093
       Aquifer code
                                                          1100RNR
                                                          SAND
C096
       Lithology code
                                                          IJ
C304
       Contributing unit
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                19
C091
       Depth to top of interval
                                                                34
       Depth to bottom of interval
C092
                                                          110QRNR
C093
       Aquifer code
                                                          SAND
C096
       Lithology code
                                                          WTR
C097
       Description of material
C304
       Contributing unit
                                                          S
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                                34
C091
       Depth to top of interval
                                                          1100RNR
C093
       Aquifer code
                                                          SDGL
C096
       Lithology code
       Description of material
                                                          WTR
C097
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          19800825
C095
       Aquifer date -geo
C750
       Record type for AQFR subrecord of GEOH file
                                                          AOFR
                                                          19800825
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                               14
                                                                         603335151070101
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          USGS
C004
       Source agency code
C005
       Project number
                                                          KENAI EBA
                                                           603335
C009
       Latitude
                                                           1510701
C010
       Longitude
C011
       Lat-long accuracy code
       Local well number
                                                          SB00501001AAAB1 002
C012
       Land-net location
                                                          NENENES01 T005N R010W S
C013
                                                          KENAI C-3SW KR06
C014
       Name of location map
                                                            25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                               221
C017
       Method altitude determined
                                                          М
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          1974
C021
       Date well constructed
       Primary use of site
C023
                                                          Н
       Primary use of water
C024
                                                                40
C027
       Hole depth
C028
       Depth of well
                                                                40
C029
       Source of depth data
C040
       Date site record last updated
                                                          19930709
```

```
19921222
C303
       Date site record created
C900
       Station name
                                                          SB00501001AAAB1 002
                                                          1974
C060
       Date of construction
C063
       Name of contractor
                                                          LINKNOWN
C064
       Source of construction data
                                                          0
C066
       Type of finish
                                                          \cap
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
C073
       Depth to top of this interval
C074
       Depth to bottom of this interval
                                                                40
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                40
                                                              6
C079
       Diameter of this casing string
                                                          CSNG
C758
       Record type for CSNG subrecord of CONS file
C159
       Date of ownership
                                                          1974
C161
       Owner
                                                          LOOSLI DIAMOND F
C190
       Other identifier
                                                          L02B04
C191
       Assignor of other identifier
                                                          THOMPSON PARK 1
C181
       Other data type
                                                  REQUEST FOR WTR&SEWER SYS APPVL
C182
       Other data location
                                                          D
C261
       Format of other data
                                                          F
C185
                                              ALL INFO TAKEN FROM WTR&SEWER APPVL
       Remarks -misc
                                                 A SUBMERSIBLE PUMP WAS INSTALLED
C185
       Remarks -misc
                                                                         603336151075101
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          П
C004
       Source agency code
                                                          USGS
                                                          KENAI PVK
C005
       Project number
C009
                                                           603336
       Latitude
C010
                                                           1510751
       Longitude
C011
       Lat-long accuracy code
                                                          SB00501101BAAB1 010
C012
       Local well number
                                                          NENENWS01 T005W R011W S
C013
       Land-net location
C014
       Name of location map
                                                          KENAI C-4SE KR06
C015
       Scale of location map
                                                            25000
C016
       Altitude of land surface
                                                                41
C017
       Method altitude determined
                                                          М
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
C021
       Date well constructed
                                                          19890629
C023
       Primary use of site
C024
                                                          Н
       Primary use of water
C027
       Hole depth
                                                               100
C028
       Depth of well
                                                                90
C029
       Source of depth data
C030
       Water level
                                                               20
                                                          19890629
C031
       Date water level measured
C033
       Source of water-level data
                                                          D
C034
       Method water level measured
       Aguifer code
                                                          110QRNR
C714
                                                          SB00501101BAAB1 010
C900
       Station name
C060
       Date of construction
                                                          19890629
       Name of contractor
                                                          NORTHLAND DR
C063
C064
       Source of construction data
                                                          D
C065
       Method of construction
                                                          Α
C066
       Type of finish
                                                          CONS
C754
       Record type for CONS subrecord of CONS file
C073
       Depth to top of this interval
                                                               100
C074
       Depth to bottom of this interval
C075
                                                              6
       Diameter of this interval
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C077
                                                                -2
       Depth to top of this casing string
```

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C078
       Depth to bottom of this casing string
                                                                 90
C079
       Diameter of this casing string
                                                               6
                                                           CSNG
C758
       Record type for CSNG subrecord of CONS file
                                                           19890629
C148
       Date discharge measured
C150
       Discharge
                                                                   10
C151
       Source of discharge data
                                                           D
C152
       Method discharge measured
                                                           R
                                                                 90
C153
       Production level
C154
       Static water level
                                                                 20
C155
       Source of water-level data
                                                           D
C156
                                                           R
       Method water level measured
                                                                72
C157
       Duration of discharge before producing level
                                                                .14
C272
       Specific capacity -disch
C309
       Water-level drawdown
C702
       Last update -disch
                                                           19901123
C703
       Discharge type
C159
       Date of ownership
                                                           19890629
C161
       Owner
                                                           FLANDERS RICHARD
       Other identifier
C190
                                                           TROA
       Assignor of other identifier
                                                           BEAVER BLUFF
C191
C190
       Other identifier
                                                           UNCONSOL
                                                           CONFINED
C191
       Assignor of other identifier
C199
       Type of log
C200
       Depth to top of logged interval
                                                                  0
                                                                100
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                           D
C778
       Record type for LOGS subrecord of MISC file
                                                           LOGS
                                                       NO GROUTING USED DRLR RPTS
C185
       Remarks -misc
C788
       Record type for RMKS subrecord of MISC file
                                                           RMKS
C091
       Depth to top of interval
       Depth to bottom of interval
                                                                 18
C092
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SDCL
                                                           WET 15-18FT DRLR RPTS
C097
       Description of material
C304
       Contributing unit
                                                           N
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C091
       Depth to top of interval
                                                                 18
                                                                 50
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           1100RNR
                                                           SDGL
C096
       Lithology code
C097
       Description of material
                                                           WTR
C304
       Contributing unit
                                                           N
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                 50
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 60
C093
       Aquifer code
                                                           1100RNR
C096
       Lithology code
                                                           SDCL
                                            CLAY STRKS W/FN SAND&BROKEN COAL SILT
C097
       Description of material
                                                           Ν
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C091
       Depth to top of interval
                                                                 60
                                                                 80
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           CLAY
                                                           W/2 OR 3 SAND STRKS
C097
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 80
C091
       Depth to top of interval
                                                                 90
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           CLAY
                                                           W/SAND STRKS
C097
       Description of material
C304
       Contributing unit
                                                           S
                                                           GEOH
       Record type for GEOH subrecord of GEOH file
C748
                                                                 90
       Depth to top of interval
C091
```

```
110QRNR
C093
       Aguifer code
C096
       Lithology code
                                                          SDCL
       Description of material
                                               HEAVING CLAY, MOST SAND DRLR RPTS
C097
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
                                                          19890629
C095
       Aquifer date -geo
       Record type for AQFR subrecord of GEOH file
                                                          AOFR
C750
                                                          19890629
C095
       Aguifer date -geo
C126
                                                               20
       Aquifer-static-level
C001
         Site ID (station number)
                                                                         603335151080701
C002
                                                          W
       Type of site
C003
       Record classification
                                                          IJ
C004
       Source agency code
                                                          USGS
C005
                                                          KENAI SLK
       Project number
C009
                                                           603335
       Latitude
                                                           1510807
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00501101BABB1 025
C012
       Local well number
                                                          NWNENWS01 T005N R011W S
C013
       Land-net location
       Name of location map
                                                          KENAI C-4SE KR06
C014
C015
       Scale of location map
                                                            25000
C016
       Altitude of land surface
                                                                41
C017
       Method altitude determined
C018
       Altitude accuracy
                                                          10
                                                          19020302
C020
       Hydrologic unit code
                                                          19841104
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                          н
                                                               102
C027
       Hole depth
C028
       Depth of well
                                                               102
C029
       Source of depth data
                                                          D
                                                               27
C030
       Water level
                                                          19841104
C031
       Date water level measured
C033
       Source of water-level data
                                                          D
C034
       Method water level measured
                                                          R
C713
       Aquifer-type code
                                                          1100RNR
C714
       Aguifer code
                                                          SB00501101BABB1 025
C900
       Station name
C038
       Date lift data collected
                                                          19841104
C043
       Type of lift
                                                          S
                                                          Ε
C045
       Type of power
C046
       Horsepower rating
                                                               .5
                                                          LIFT
C752
       Record type for LIFT subrecord of CONS file
                                                          19841104
C060
       Date of construction
C063
       Name of contractor
                                                          SPIRES B
       Source of construction data
                                                          Ð
C064
C066
                                                          S
       Type of finish
                                                          CONS
C754
       Record type for CONS subrecord of CONS file
C073
       Depth to top of this interval
                                                                 n
                                                               102
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                              4
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
                                                              -2.1
C077
       Depth to top of this casing string
                                                              95.5
C078
       Depth to bottom of this casing string
                                                              4
C079
       Diameter of this casing string
       Record type for CSNG subrecord of CONS file
C758
C083
       Depth to top of this open interval
                                                              95.5
                                                               102
C084
       Depth to bottom of this open interval
C085
       Type of openings in this interval
                                                          S
C087
       Diameter of this open interval
                                                              4
                                                            .010
C088
       Width of openings
       Record type for OPEN subrecord of CONS file
                                                          OPEN
C760
                                                          19841104
C148
       Date discharge measured
```

```
C150
       Discharge
                                                                   35
C151
       Source of discharge data
                                                          D
                                                          R
C152
       Method discharge measured
C703
       Discharge type
                                                          19841104
C159
       Date of ownership
C161
       Owner
                                                          POOLE BOB
       Other identifier
                                                          L05B01
C190
                                                          FOR PETES SAKE
       Assignor of other identifier
C191
                                                          UNCONSOL
C190
       Other identifier
                                                          CONFINED
C191
       Assignor of other identifier
C181
       Other data type
                                               APPLICATION FOR WTR&SEWER SYS 1985
C182
       Other data location
                                                          D
                                                          F
C261
       Format of other data
                                                          D
C199
       Type of log
C200
       Depth to top of logged interval
                                                                  ٥
                                                                102
C201
       Depth to bottom of logged interval
                                                          D
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
       Depth to top of interval
                                                                  n
C091
C092
       Depth to bottom of interval
                                                                  3
                                                           110QRNR
C093
       Aguifer code
C096
       Lithology code
                                                           SOIL
                                                          TOPSOIL
C097
       Description of material
C304
       Contributing unit
                                                          N
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C748
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 10
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
C304
       Contributing unit
                                                          N
                                                          GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                 10
       Depth to top of interval
C091
                                                                 20
C092
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
                                                           SDGL
C096
       Lithology code
                                                          N
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
C091
       Depth to top of interval
                                                                 20
                                                                 35
C092
       Depth to bottom of interval
                                                           110QRNR
C093
       Aquifer code
                                                           GRVL
C096
       Lithology code
                                                           &COBBLESTONE
C097
       Description of material
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
                                                                 35
       Depth to top of interval
C091
       Depth to bottom of interval
                                                                 50
C092
C093
       Aquifer code
                                                           110QRNR
                                                           CLAY
C096
       Lithology code
                                                           N
       Contributing unit
C304
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                 50
       Depth to top of interval
C091
                                                                 60
       Depth to bottom of interval
C092
                                                           1100RNR
C093
       Aquifer code
                                                           SAND
C096
       Lithology code
C304
       Contributing unit
                                                           N
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
                                                                 60
C091
       Depth to top of interval
                                                                 92
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
                                                           CLAY
       Lithology code
C096
                                                           N
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 92
C091
       Depth to top of interval
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SAND
```

C304	Contributing unit		P	
C748	Record type for GEOH subrecord of G	EOH file	GEOH	
C095	Aquifer date -geo		19841104	
C126	Aquifer-static-level		87	
	-			
C001	Site ID (station number)			603339151112501
C002	Type of site		W	
C003	Record classification		U	
C004	Source agency code		USGS	
C009	Latitude		603339	
C010	Longitude		1511125	
C011	Lat-long accuracy code		F	
C012	Local well number		SB00601134CDDC	1 012
C013	Land-net location		SESESWS34 T006	N R011W S
C014	Name of location map		KENAI C-4SE KR	03
C015	Scale of location map		25000	
C016	Altitude of land surface		90	
C017	Method altitude determined		М	
C018	Altitude accuracy		10	
C020	Hydrologic unit code		19020302	
C020	Date well constructed		1989	
C021	Primary use of site		W	
C023	Primary use of water		H	
C024	-		25	
	Hole depth		25	
C028 C029	Depth of well		A	
	Source of depth data		SB00601134CDDC	1 012
C900	Station name		1989	1 012
C159	Date of ownership		NEETHER DALE A	
C161	Owner			
C190	Other identifier		L173	
C191	Assignor of other identifier		GOVT LOTS	
C190	Other identifier		040330-C	
C191	Assignor of other identifier		ADL	
C181	Other data type		WATER RIGHTS CERT	IFICATE
C182	Other data location		D	
C261	Format of other data		F	
C184	Remark-date		1989	
C185	Remarks -misc	ALL INFO FF	OM WATER RIGHTS CE	RTIFICATE
-001	mile a mm (charles as assumble as)		60334415116450	1
C001	Site ID (station number)		M 0033 <b>44</b> 12110 <b>4</b> 20	•
C002	Type of site			
C003	Record classification		Ü.	
C004	Source agency code		USGS	
C005	Project number		KENAI ERJ 603344	
C009	Latitude			
C010	Longitude		1511645 F	
C011	Lat-long accuracy code		_	2 011
C012	Local well number		SB00601131CDCA SWSESWS31 T006	
C013	Land-net location		KENAI C-4SE KR	
C014	Name of location map		25000	.02
C015	Scale of location map			
C016	Altitude of land surface		74	
C017	Method altitude determined		M	
C018	Altitude accuracy		10	
C020	Hydrologic unit code		19020302	
C021	Date well constructed		1969	
C023	Primary use of site		W	
C024	Primary use of water		H	
C027	Hole depth		38	
C028	Depth of well		38	
C029	Source of depth data		A	
C900	Station name		SB00601131CDCA	2 011
C060	Date of construction		1969	
C063	Name of contractor		UNKNOWN	

```
C064
       Source of construction data
                                                          Α
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
C073
       Depth to top of this interval
                                                                 0
C074
       Depth to bottom of this interval
                                                                38
                                                              6
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
       Depth to top of this casing string
C077
                                                                 0
C078
       Depth to bottom of this casing string
                                                                38
C079
       Diameter of this casing string
                                                              6
C758
       Record type for CSNG subrecord of CONS file
                                                          CSNG
                                                          1969
C159
       Date of ownership
       Owner
                                                          SIPES MICHAEL
C161
C159
                                                          1979
       Date of ownership
                                                          WANGREN GERRY
C161
       Owner
C768
       Record type for OWNR subrecord of MISC file
                                                          OWNR
                                                        WTR&SEWER INSPECTION RPTS
C181
       Other data type
                                          ALL INFO FRM WTR&SEWER INSPECTION RPTS
C185
       Remarks -misc
                                                                         603332151071501
C001
         Site ID (station number)
C002
       Type of site
                                                          W
                                                          U
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                          KENAI EBA
C005
       Project number
                                                           603332
C009
       Latitude
                                                           1510715
C010
       Longitude
C011
       Lat-long accuracy code
                                                          SB00501101AABC1 019
C012
      Local well number
C013
      'Land-net location
                                                          NWNENES01 T005N R011W S
                                                          KENAI C-3SW KR06
C014
      Name of location map
                                                            25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                                66
C017
       Method altitude determined
                                                          M
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          19850913
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                                46
C027
       Hole depth
                                                                46
C028
       Depth of well
C029
       Source of depth data
                                                               35
       Water level
C030
                                                          19850913
       Date water level measured
C031
                                                          D
C033
       Source of water-level data
C034
       Method water level measured
                                                          R
C713
       Aquifer-type code
C714
       Aquifer code
                                                          1100RNR
C900
                                                          SB00501101AABC1 019
       Station name
C043
       Type of lift
C044
       Depth to intake
                                                             42
C045
       Type of power
                                                               .5
C046
       Horsepower rating
       Manufacturer of lift device
                                                          AERMOTOR
C048
       Record type for LIFT subrecord of CONS file
                                                          LIFT
C752
                                                          19850913
C060
       Date of construction
C063
       Name of contractor
                                                          KRAXBERGER
       Source of construction data
                                                          D
C064
C065
       Method of construction
                                                          Α
C066
       Type of finish
                                                          0
                                                          CONS
       Record type for CONS subrecord of CONS file
C754
                                                                 0
       Depth to top of this interval
C073
C074
       Depth to bottom of this interval
                                                                46
       Diameter of this interval
C075
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C077
       Depth to top of this casing string
                                                                -2
```

```
C078
       Depth to bottom of this casing string
                                                                 46
C079
       Diameter of this casing string
                                                               6
C758
       Record type for CSNG subrecord of CONS file
                                                           CSNG
                                                           19850913
C148
       Date discharge measured
C150
                                                                   10
       Discharge
                                                           D
C151
       Source of discharge data
C152
       Method discharge measured
                                                           R
C702
       Last update -disch
                                                           19921014
C703
       Discharge type
                                                           19850913
C159
       Date of ownership
                                                           ROBINSON MITCH
C161
       Owner
                                                           198510
C159
       Date of ownership
C161
                                                           NAKKINEN DANIEL
       Owner
C190
       Other identifier
                                                           L04PT01
                                                           SUNSET RIM SUB
C191
       Assignor of other identifier
C190
       Other identifier
                                                           UNCONSOL
C191
       Assignor of other identifier
                                                           UNCONFINED
                                                APPLICATION FOR WTR&SEWER SYS 1985
C181
       Other data type
                                                           D
C182
       Other data location
                                                           F
C261
       Format of other data
C199
       Type of log
                                                           D
                                                                  0
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                                 46
C202
       Source of log data
                                                           D
       Record type for LOGS subrecord of MISC file
                                                           LOGS
C778
                                                                  0
C091
       Depth to top of interval
                                                                  2
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SOIL
                                                           TOPSOIL&CLAY
C097
       Description of material
                                                           N
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
                                                                  2
C091
       Depth to top of interval
                                                                  5
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                           110QRNR
                                                           SAND
C096
       Lithology code
                                                           N
       Contributing unit
C304
C748
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
                                                                  5
C091
       Depth to top of interval
       Depth to bottom of interval
                                                                 11
C092
C093
                                                           1100RNR
       Aquifer code
                                                           CLAY
C096
       Lithology code
       Description of material
                                                           SANDY
C097
C304
       Contributing unit
                                                           N
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 11
       Depth to top of interval
C091
C092
       Depth to bottom of interval
                                                                 19
                                                           110QRNR
C093
       Aquifer code
                                                           SAND
C096
       Lithology code
C304
       Contributing unit
                                                           N
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 19
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 24
                                                           1100RNR
C093
       Aquifer code
                                                           SGVC
C096
       Lithology code
C304
                                                           N
       Contributing unit
       Record type for GEOH subrecord of GEOH file
                                                           GEOH
C748
                                                                 24
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 36
C093
       Aquifer code
                                                           110QRNR
                                                           SDGL
C096
       Lithology code
C304
                                                           N
       Contributing unit
                                                           GEOH
C748
       Record type for GEOH subrecord of GEOH file
                                                                 36
C091
        Depth to top of interval
                                                                 42
C092
        Depth to bottom of interval
```

```
C093
       Aquifer code
                                                          110QRNR
                                                          SDGL
C096
       Lithology code
C097
                                                          WET
       Description of material
C304
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
C091
       Depth to top of interval
                                                                42
C093
       Aquifer code
                                                          110QRNR
                                                          SDGL
C096
       Lithology code
                                                          WTR
       Description of material
C097
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
                                                          19850913
C095
       Aquifer date -geo
       Aguifer-static-level
                                                               35
C126
C001
         Site ID (station number)
                                                                        603331151070901
C002
       Type of site
                                                          W
                                                          U
C003
       Record classification
                                                          USGS
C004
       Source agency code
C005
       Project number
                                                          KENAI EBA
       Latitude
                                                           603331
C009
C010
       Longitude
                                                           1510709
C011
       Lat-long accuracy code
                                                          SB00501001AABC1 004
       Local well number
C012
                                                          NWNENES01 T005N R010W S
C013
      Land-net location
                                                          KENAI C-3SW KR06
C014
       Name of location map
                                                            25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                               230
C017
       Method altitude determined
                                                          М
                                                           10
C018
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          19830914
C021
       Date well constructed
C023
       Primary use of site
C024
       Primary use of water
                                                                69
C027
       Hole depth
                                                                65
C028
       Depth of well
C029
       Source of depth data
                                                             26.3
C030
       Water level
                                                          19830914
C031
       Date water level measured
C033
       Source of water-level data
                                                          D
C034
       Method water level measured
                                                          R
                                                          C
C713
       Aquifer-type code
                                                          1100RNR
       Aquifer code
C714
                                                          SB00501001AABC1 004
C900
       Station name
                                                          19830914
C060
       Date of construction
                                                          SPIRES B
C063
       Name of contractor
C064
       Source of construction data
                                                          D
       Type of finish
                                                          0
C066
       Record type for CONS subrecord of CONS file
                                                          CONS
C754
                                                                 0
C073
       Depth to top of this interval
       Depth to bottom of this interval
                                                                69
C074
C075
       Diameter of this interval
       Record type for HOLE subrecord of CONS file
                                                          HOLE
C756
C077
       Depth to top of this casing string
                                                                -1
                                                                69
C078
       Depth to bottom of this casing string
C079
       Diameter of this casing string
                                                              4
                                                          CSNG
       Record type for CSNG subrecord of CONS file
C758
C148
       Date discharge measured
                                                          19830914
                                                                  30
C150
       Discharge
                                                          D
       Source of discharge data
C151
                                                          R
C152
       Method discharge measured
       Last update -disch
                                                          19930730
C702
C703
       Discharge type
                                                          19830914
C159
       Date of ownership
                                                          HOBBS RONALD
C161
       Owner
```

```
C190
       Other identifier
                                                          T.14R05
C191
       Assignor of other identifier
                                                          THOMPSON PARK 2
C190
       Other identifier
                                                          UNCONSOL
C191
       Assignor of other identifier
                                                          CONFINED
                                               APPLICATION FOR WTR&SEWER SYS 1983
C181
       Other data type
C182
       Other data location
                                                          D
                                                          F
C261
       Format of other data
C199
                                                          D
       Type of log
C200
       Depth to top of logged interval
                                                                 0
C201
       Depth to bottom of logged interval
                                                                69
C202
       Source of log data
C778
       Record type for LOGS subrecord of MISC file
                                                          LOGS
                                      SHOT LARGE BOULDER AT WELL BOTTOM, CLEAN WTR
C185
       Remarks -misc
C091
       Depth to top of interval
                                                                 0
C092
       Depth to bottom of interval
                                                                28
C093
                                                          1100RNR
       Aquifer code
                                                          SDST
C096
       Lithology code
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C091
       Depth to top of interval
                                                                28
C092
       Depth to bottom of interval
                                                                35
                                                          1100RNR
C093
       Aquifer code
                                                          GRVL
C096
       Lithology code
       Contributing unit
C304
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
       Depth to top of interval
                                                                35
C091
C092
       Depth to bottom of interval
                                                                60
                                                          1100RNR
C093
       Aquifer code
                                                          HRDP
C096
       Lithology code
       Description of material
                                                          W/SILT&CLAY
C097
C304
                                                          N
       Contributing unit
       Record type for GEOH subrecord of GEOH file
C748
                                                          GEOH
                                                                60
C091
       Depth to top of interval
C093
       Aquifer code
                                                          110QRNR
C096
       Lithology code
                                                          BLDR
                                                          Р
C304
       Contributing unit
C748
       Record type for GEOH subrecord of GEOH file
                                                          GEOH
C095
                                                          19830914
       Aquifer date -geo
                                                             26.3
C126
       Aquifer-static-level
C001
                                                                         603342151162401
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          П
                                                          USGS
C004
       Source agency code
C005
       Project number
                                                          KENAI MAL
                                                           603342
C009
       Latitude
                                                           1511624
C010
       Longitude
C011
       Lat-long accuracy code
C012
       Local well number
                                                          SB00601131DCCB1 014
                                                          SWSWSES31 T006N R011W S
C013
       Land-net location
C014
                                                          KENAI C-4SE KR02
       Name of location map
C015
       Scale of location map
                                                            25000
C016
       Altitude of land surface
                                                                74
C017
       Method altitude determined
C018
                                                           10
       Altitude accuracy
                                                          19020302
C020
       Hydrologic unit code
                                                          19640731
C021
       Date well constructed
C023
       Primary use of site
                                                          Н
C024
       Primary use of water
C027
                                                                38
       Hole depth
C028
       Depth of well
                                                                38
C029
       Source of depth data
                                                          SB00601131DCCB1 014
C900
       Station name
C060
                                                          19640731
       Date of construction
```

```
C063
       Name of contractor
                                                          UNKNOWN
C064
       Source of construction data
C754
       Record type for CONS subrecord of CONS file
                                                          CONS
                                                                 n
C073
       Depth to top of this interval
C074
       Depth to bottom of this interval
                                                                38
                                                              6
C075
       Diameter of this interval
C756
       Record type for HOLE subrecord of CONS file
                                                          HOLE
                                                          19640731
C159
       Date of ownership
                                                       RODGERS CARL F&CATHERINE M
C161
       Owner
C190
       Other identifier
                                                          L134
C191
       Assignor of other identifier
                                                          GOVT LOTS
C190
       Other identifier
                                                          040392
C191
       Assignor of other identifier
                                                          ADL
                                                INFO FROM H20 RIGHTS CERT. NO4741
C185
       Remarks -misc
                                                                         603330151070101
 C001
        Site ID (station number)
C002
       Type of site
                                                          W
                                                          М
C003
       Record classification
C004
                                                          USGS
       Source agency code
                                                          KENAI EBA
C005
       Project number
C009
                                                           603330
       Latitude
C010
                                                           1510701
       Longitude
C011
       Lat-long accuracy code
                                                          SB00501001AADB2 008
C012
       Local well number
C013
                                                          SENENES01 T005N R010W S
       Land-net location
                                                          KENAI C-3SW KR06
C014
       Name of location map
C015
                                                            25000
       Scale of location map
C016
       Altitude of land surface
                                                               254
       Method altitude determined
C017
C018
       Altitude accuracy
                                                           10
C020
       Hydrologic unit code
                                                          19020302
                                                          1969
C021
       Date well constructed
       Primary use of site
C023
C024
       Primary use of water
                                                                36
C027
       Hole depth
                                                                36
C028
       Depth of well
C029
       Source of depth data
                                                               24
C030
       Water level
                                                          1969
C031
       Date water level measured
C033
       Source of water-level data
                                                          Α
C034
       Method water level measured
C900
                                                         SB00501001AADB2 008
       Station name
C060
       Date of construction
                                                          1969
                                                          THORN DRL
       Name of contractor
       Source of construction data
                                                          Α
C064
                                                          С
C065
       Method of construction
                                                          0
C066
       Type of finish
                                                          CONS
       Record type for CONS subrecord of CONS file
C754
                                                                 0
 C073
       Depth to top of this interval
                                                                36
 C074
       Depth to bottom of this interval
 C075
       Diameter of this interval
        Record type for HOLE subrecord of CONS file
 C756
                                                          HOLE
 C077
        Depth to top of this casing string
                                                                -.5
 C078
        Depth to bottom of this casing string
                                                                36
 C079
        Diameter of this casing string
                                                              6
 C758
        Record type for CSNG subrecord of CONS file
                                                          CSNG
 C159
        Date of ownership
                                                          1991
 C161
        Owner
                                                          WINSTON WALTER&JAY
                                                          1980
 C159
       Date of ownership
                                                          DOUTHIT HARVEY JR
 C161
       Owner
 C190
       Other identifier
                                                          L01B03
 C191
        Assignor of other identifier
                                                          THOMPSON PARK 1
       Last update for OTID subrecord of MISC file
                                                          19921222
 C771
                                            ON-SITE WTR&SEWER SYS INSPECTION 1980
 C181
        Other data type
```

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C182
       Other data location
                                                          D
C261
       Format of other data
C181
                                           APPLICATION FOR WTR&SEWER SYS APPVL 91
       Other data type
C182
       Other data location
                                                          D
C261
       Format of other data
                                                          F
                                             ALL INFO TAKEN FROM INSPECTION&APPVL
C185
       Remarks -misc
                                                                         603330151071501
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
       Record classification
                                                          TT
                                                          USGS
C004
       Source agency code
                                                          KENAI ERJ
C005
       Project number
                                                           603330
C009
       Latitude
C010
       Longitude
                                                           1510715
C011
       Lat-long accuracy code
                                                          SB00501101AACB1 013
C012
       Local well number
C013
       Land-net location
                                                          SWNENES01 T005N R011W S
                                                          KENAI C-3SW KR06
C014
       Name of location map
                                                            25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                                41
       Method altitude determined
                                                          М
C017
C018
       Altitude accuracy
                                                           10
C020
       Hydrologic unit code
                                                          19020302
       Date well constructed
                                                          19860720
C021
C023
       Primary use of site
                                                          W
C024
       Primary use of water
                                                          Н
C027
       Hole depth
                                                                44
       Depth of well
                                                                44
C028
                                                          D
C029
       Source of depth data
       Aquifer code
                                                          1100RNR
C714
                                                          SB00501101AACB1 013
C900
       Station name
C038
       Date lift data collected
                                                          19860720
C043
                                                          S
       Type of lift
C045
       Type of power
                                                          Ε
                                                               .5
C046
       Horsepower rating
                                                          19860720
       Date of construction
C060
                                                          WS&S CO
C063
       Name of contractor
C064
       Source of construction data
                                                          D
C066
       Type of finish
C073
       Depth to top of this interval
                                                                 0
C074
       Depth to bottom of this interval
                                                                44
C075
       Diameter of this interval
                                                                -1
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                39
                                                              6
C079
       Diameter of this casing string
C083
       Depth to top of this open interval
                                                                39
                                                                44
C084
       Depth to bottom of this open interval
C085
       Type of openings in this interval
C087
       Diameter of this open interval
                                                          19860720
C159
       Date of ownership
                                                          HALL QUALITY BUILDERS
C161
       Owner
                                                          L05
C190
       Other identifier
       Assignor of other identifier
                                                          SUNSET RIM SUB
C191
                                                          UNCONSOL
C190
       Other identifier
                                                          UNKNOWN
C191
       Assignor of other identifier
C199
       Type of log
                                                          D
                                                                 0
C200
       Depth to top of logged interval
                                                                44
C201
       Depth to bottom of logged interval
C202
       Source of log data
                                                          DRLR RPTS 12GPM
C185
       Remarks -misc
C091
       Depth to top of interval
                                                                 0
                                                                 2
C092
       Depth to bottom of interval
                                                          1100RNR
C093
       Aquifer code
                                                          SOIL
C096
       Lithology code
```

C097	Description of material	TOPSOIL
C304	Contributing unit	N
C091	Depth to top of interval	2
C092	Depth to bottom of interval	36
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C304	Contributing unit	N
C091	Depth to top of interval	36
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR
C304	Contributing unit	P
C001	Site ID (station number)	603334151103001
C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603334
C010	Longitude	1511030
C011	Lat-long accuracy code	T
C012	Local well number	SB00501103AAAA1 001
C013	Land-net location	NENENESO3 TOO5N RO11W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	80.00
C017	Method altitude determined	М
C018	Altitude accuracy	10
C019	Topographic setting	T
C020	Hydrologic unit code	19020302
C021	Date well constructed	19700501
C023	Primary use of site	T
C024	Primary use of water	U
C027	Hole depth	273
C028	Depth of well	273
C030	Water level	12.6
C031	Date water level measured	19700811
C033	Source of water-level data	S
C034	Method water level measured	S
C803	Agency use of site code	A
C900	Station name	SB00501103AAAA1 001
C060	Date of construction	197005
C063	Name of contractor	THORN DRL
C064	Source of construction data	D
C065	Method of construction	С .
C066	Type of finish	P
C068	Depth to bottom of seal	0
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	80.0
C075	Diameter of this interval	8.00
C073	Depth to top of this interval	80.0
C074	Depth to bottom of this interval	273
C075	Diameter of this interval	6.00
C077	Depth to top of this casing string	-1.50
C078	Depth to bottom of this casing string	273
C079	Diameter of this casing string	6.00
C077	Depth to top of this casing string	-1.50
C078	Depth to bottom of this casing string	80.0
C079	Diameter of this casing string	8.00
C083	Depth to top of this open interval	177
C084	Depth to bottom of this open interval	182
C085	Type of openings in this interval	P
C321	Begin date for use of this measuring point	19700811
C323	Height of this measuring point	1.50
C148	Date discharge measured	197005
	. J	

```
60.0
C150
       Discharge
                                                           D
       Source of discharge data
C151
       Method discharge measured
C152
                                                           В
C153
       Production level
                                                              63.0
                                                              13.0
C154
       Static water level
C155
       Source of water-level data
       Duration of discharge before producing level
                                                                .5
C157
C272
       Specific capacity -disch
                                                               1.20
                                                              50.0
C309
       Water-level drawdown
C702
       Last update -disch
                                                           19860314
C703
       Discharge type
                                                           Р
                                                           197005
C159
       Date of ownership
C161
       Owner
                                                           KENAI CITY OF
C190
       Other identifier
                                                           TW-3
C191
       Assignor of other identifier
                                                           BEAVER CREEK
C190
       Other identifier
                                                           10792
       Assignor of other identifier
                                                           AKRG
C191
                                                           UNCONSOL.
C190
       Other identifier
       Assignor of other identifier
C191
                                                           UNCONFINED
C181
       Other data type
                                                           PSA
                                                           D
C182
       Other data location
C261
       Format of other data
                                                           P
                                                           19700512
C193
       Date of water-quality measurement
                                                           00010
C196
       Water-quality parameter code
                                                                 3.0
C197
       Value of water-quality parameter
C199
       Type of log
C200
       Depth to top of logged interval
                                                                .00
                                                             228
C201
       Depth to bottom of logged interval
                                                           D
C202
       Source of log data
C199
       Type of log
                                                           J
C200
       Depth to top of logged interval
                                                               2.50
C201
       Depth to bottom of logged interval
                                                             251
C202
       Source of log data
                                                           S
C199
       Type of log
                                                           N
                                                               8.00
C200
       Depth to top of logged interval
       Depth to bottom of logged interval
                                                             250
C201
C202
       Source of log data
                                                           S
C199
       Type of log
       Depth to top of logged interval
                                                               7.00
C200
C201
       Depth to bottom of logged interval
                                                             250
C202
       Source of log data
                                                           9
                                                           1970
C115
       Begin year of data collection
                                                           1970
C116
       End year of data collection
C117
                                                           USGS
       Source agency for network data
                                                           Ι
C118
       Frequency of data collection
C120
       Type of analyses - QW network
                                                           Н
                                                           QW
C706
       Network data type -miscellaneous
       Begin year of data collection
                                                           1970
C115
C116
       End year of data collection
                                                           1971
C117
       Source agency for network data
                                                           USGS
C118
       Frequency of data collection
                                                           0
C706
       Network data type -miscellaneous
                                                           WI.
                                                           1971
C115
       Begin year of data collection
                                                           USGS
C117
       Source agency for network data
       Frequency of data collection
                                                           С
C118
                                                           2
C257
       Primary network
                                                           WL
C706
       Network data type -miscellaneous
                                                 1 ANDERSON, OPEN-FILE REPORT 1971
C185
       Remarks -misc
C091
       Depth to top of interval
                                                              10.0
                                                              78.0
C092
       Depth to bottom of interval
                                                           112NPTN
C093
       Aquifer code
                                                           SAND
C096
       Lithology code
C304
       Contributing unit
                                                              78.0
C091
       Depth to top of interval
                                                             175
```

C092

Depth to bottom of interval

C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	BLUE
C304	Contributing unit	U
C091	Depth to top of interval	175
C092	Depth to bottom of interval	184
C093	Aquifer code	110QRNR
C096	Lithology code	GRVL P
C304 C095	Contributing unit	197005
C126	Aquifer date -geo Aquifer-static-level	10.0
C126	<del>-</del>	197005
C126	Aquifer date -geo Aquifer-static-level	13.0
C120	Aquifer contribution	100
C235	Water-level measurement date	19700511
C237	Water level	12.13
C235	Water-level measurement date	19700512
C237	Water level	12.14
C235	Water-level measurement date	19700811
C237	Water level	12.63
C235	Water-level measurement date	19700904
C237	Water level	12.18
C235	Water-level measurement date	19701028
C237	Water level	12.20
C235	Water-level measurement date	19701120
C237	Water level	13.12
C235	Water-level measurement date	19710127
C237	Water level	14.72
C235	Water-level measurement date	19710325
C237	Water level	16.63
C235	Water-level measurement date	19710615
C237	Water level	14.85
C235	Water-level measurement date	19710707
C237	Water level	15.33
C001	Site ID (station number)	603342151171201
<b>C001</b>	Site ID (station number) Type of site	6033 <b>4</b> 2151171201 w
<b>C001</b> C002 C003	Site ID (station number) Type of site Record classification	<b>603342151171201</b> W
C001 C002 C003 C004	Site ID (station number) Type of site Record classification Source agency code	603342151171201 W C USGS
C001 C002 C003 C004 C009	Site ID (station number) Type of site Record classification Source agency code Latitude	603342151171201 W C USGS 603342
C001 C002 C003 C004 C009 C010	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude	603342151171201 W C USGS 603342 1511718
C001 C002 C003 C004 C009 C010	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code	603342151171201 W C USGS 603342 1511718
C001 C002 C003 C004 C009 C010 C011 C012	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number	603342151171201 W C USGS 603342 1511718 T SB00601131CCCB1 002
C001 C002 C003 C004 C009 C010 C011 C012 C013	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00 M
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00 M 5
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00 M 5 F
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00 M 5 F 19020302
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00 M 5 F 19020302 W
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00 M 5 F 19020302 W C
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth	603342151171201  W C USGS 603342 1511718 T SB00601131CCCB1 002 SWSWSWS31 T006N R011W S KENAI C-4 63360 80.00 M 5 F 19020302 W C 80.0
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well	## COUSGS
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028 C040 C303 C803	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well Date site record last updated	## COUSGS
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028 C040 C303 C803 C900	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Date site record created Agency use of site code Station name	## COUSGS
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028 C040 C303 C803 C900 C060	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Date site record created Agency use of site code Station name Date of construction	## COUSGS
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028 C040 C303 C803 C900 C060 C063	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Date site record created Agency use of site code Station name Date of construction Name of contractor	## COUSGS
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028 C040 C303 C803 C900 C060 C063 C064	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Date site record created Agency use of site code Station name Date of construction Name of contractor Source of construction data	## COUSGS
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028 C040 C303 C803 C900 C060 C063 C064 C068	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Date site record created Agency use of site code Station name Date of construction Name of contractor Source of construction data Depth to bottom of seal	## COUSGS
C001 C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C019 C020 C023 C024 C027 C028 C040 C303 C803 C900 C060 C063 C064	Site ID (station number) Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Topographic setting Hydrologic unit code Primary use of site Primary use of water Hole depth Depth of well Date site record last updated Date site record created Agency use of site code Station name Date of construction Name of contractor Source of construction data	## COUSGS

```
80.0
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                            6.00
C077
       Depth to top of this casing string
                                                                .00
                                                            6.00
C079
       Diameter of this casing string
                                                           Т
C080
       Casing material
                                                          1960
C159
       Date of ownership
                                                          LARRYS CLUB
C161
       Owner
                                                           10466
C190
       Other identifier
C191
       Assignor of other identifier
                                                           AKRG
                                                           19660902
C187
       Date of visit
C188
       Person who made visit
                                                          ANDERSON G
C187
       Date of visit
                                                          19670919
                                                          STILL P
       Person who made visit
C188
                                                          19660902
C193
       Date of water-quality measurement
C196
       Water-quality parameter code
                                                           00010
C197
       Value of water-quality parameter
                                                                 8.0
C115
       Begin year of data collection
                                                           1966
C116
       End year of data collection
                                                           1966
                                                          USGS
C117
       Source agency for network data
C118
       Frequency of data collection
                                                          0
                                                          E
C120
       Type of analyses - QW network
                                                          OW
C706
       Network data type -miscellaneous
                                                                          603329151070501
C001
         Site ID (station number)
C002
       Type of site
                                                          W
C003
                                                          М
       Record classification
                                                           USGS
C004
       Source agency code
C005
       Project number
                                                           KENAI EBA
C009
                                                            603329
       Latitude
                                                           1510705
C010
       Longitude
C011
       Lat-long accuracy code
C012
       Local well number
                                                          SB00501001AACA1 005
                                                          SWNENES01 T005N R010W S
C013
       Land-net location
                                                           KENAI C-3SW KR06
C014
       Name of location map
C015
       Scale of location map
                                                             25000
C016
                                                                221
       Altitude of land surface
C017
       Method altitude determined
                                                           10
C018
       Altitude accuracy
C020
                                                           19020302
       Hydrologic unit code
C021
       Date well constructed
                                                           1970
C023
       Primary use of site
                                                          W
C024
       Primary use of water
                                                          Н
C027
       Hole depth
                                                                 65
                                                                 65
C028
       Depth of well
                                                           0
C029
       Source of depth data
                                                           19930709
C040
       Date site record last updated
                                                           19921222
C303
       Date site record created
                                                           SB00501001AACA1 005
C900
       Station name
C060
       Date of construction
                                                           1970
C063
       Name of contractor
                                                           UNKNOWN
                                                          0
C064
       Source of construction data
                                                           0
C066
       Type of finish
                                                                  0
C073
       Depth to top of this interval
C074
                                                                 65
       Depth to bottom of this interval
                                                               6
C075
       Diameter of this interval
C077
                                                                 -1
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                 65
C079
       Diameter of this casing string
                                                               6
C159
                                                           1982
       Date of ownership
C161
       Owner
                                                           BURNETT TERRY&FREDRICK
C190
       Other identifier
                                                           L07B03
C191
       Assignor of other identifier
                                                           THOMPSON PARK 1
                                            ON-SITE WTR&SEWER SYS INSPECTION 1980
C181
       Other data type
C182
       Other data location
                                                           D
```

```
C261
       Format of other data
                                          ON-SITE WTR&SEWER SYS INSPECTION 1982
C181
       Other data type
       Other data location
                                                          D
C182
                                                          F
C261
       Format of other data
                                      ALL INFO TAKEN FROM WTR&SEWER INSPECTION
C185
       Remarks -misc
C789
       Last update for RMKS subrecord of MISC file
                                                          19921222
                                                                         603341151164701
C001
         Site ID (station number)
       Type of site
                                                          W
C002
                                                          U
C003
       Record classification
                                                          USGS
C004
       Source agency code
                                                           603341
C009
       Latitude
C010
       Longitude
                                                           1511647
C011
       Lat-long accuracy code
                                                          SB00601131CDCA1 011
C012
       Local well number
       Land-net location
                                                          SWSESWS31 TOO6N RO11W S
C013
      Name of location map
                                                          KENAI C-4SE KR02
C014
C015
       Scale of location map
                                                            25000
C016
       Altitude of land surface
                                                                74
C017
       Method altitude determined
                                                           10
C018
       Altitude accuracy
C020
       Hydrologic unit code
                                                          19020302
                                                          19840526
       Date well constructed
C021
C023
       Primary use of site
C024
       Primary use of water
                                                                50
C027
       Hole depth
C028
       Depth of well
                                                                50
C029
       Source of depth data
                                                               34
C030
       Water level
                                                          19840526
C031
       Date water level measured
C033
       Source of water-level data
                                                          D
       Method water level measured
                                                          Е
C034
C040
       Date site record last updated
                                                          19930709
                                                          19900411
C303
       Date site record created
C713
       Aquifer-type code
C714
       Aquifer code
                                                          1100RNR
                                                          SB00601131CDCA1 011
C900
       Station name
                                                          19840526
C060
       Date of construction
                                                          ECHO LK DRL
C063
       Name of contractor
C064
       Source of construction data
       Method of construction
                                                          С
C065
C066
       Type of finish
                                                          s
                                                                 0
C073
       Depth to top of this interval
                                                                50
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
                                                                 n
C077
       Depth to top of this casing string
                                                                45
C078
       Depth to bottom of this casing string
C079
                                                              6
       Diameter of this casing string
                                                                45
C083
       Depth to top of this open interval
                                                                50
C084
       Depth to bottom of this open interval
C085
       Type of openings in this interval
                                                          R
                                                          R
C086
       Material in this interval
C087
       Diameter of this open interval
                                                              6
                                                            .014
C088
       Width of openings
                                                          19840526
C148
       Date discharge measured
                                                                  20
C150
       Discharge
                                                          D
C151
       Source of discharge data
                                                          Ε
C152
       Method discharge measured
                                                                38
       Production level
C153
C154
       Static water level
                                                                34
                                                          D
C155
       Source of water-level data
C156
       Method water level measured
       Specific capacity -disch
                                                              5.00
C272
                                                               4.00
C309
       Water-level drawdown
```

```
C703
       Discharge type
                                                           Р
C159
       Date of ownership
                                                           19840526
                                                           OLDS RAY
C161
       Owner
C190
                                                           L05
       Other identifier
                                                           EDGINGTON SUB 1
C191
       Assignor of other identifier
                                                           UNCONSOL
C190
       Other identifier
       Assignor of other identifier
                                                           CONFINED
C191
C199
       Type of log
                                                                  n
C200
       Depth to top of logged interval
       Depth to bottom of logged interval
                                                                 50
C201
                                                           D
C202
       Source of log data
                                                           19840526
C184
       Remark-date
C185
       Remarks -misc
                                        SL RPTD 34FT FRM TOP OF CSNG, NO MPNT RPTD
C184
       Remark-date
                                                           19840526
                                         DRLR RPTS IRON-7PPM, PH-7, HARD-NO READING
C185
       Remarks -misc
C091
       Depth to top of interval
                                                                  0
C092
       Depth to bottom of interval
                                                                  3
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           OBDN
                                                           N
C304
       Contributing unit
                                                                  3
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 17
C093
       Aquifer code
                                                           110QRNR
C096
       Lithology code
                                                           SAND
                                                           MED-FN, CRS
C097
       Description of material
C304
       Contributing unit
                                                                 17
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 25
C093
                                                           1100RNR
       Aquifer code
       Lithology code
C096
                                                           SDGL
C097
       Description of material
                                                       MED-CRS SAND W/SM FN GRVLS
C304
       Contributing unit
C091
                                                                 25
       Depth to top of interval
                                                                 37
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
                                                           SDST
C096
       Lithology code
                                                           MED-FN SILTY SAND
C097
       Description of material
C304
       Contributing unit
                                                                 37
C091
       Depth to top of interval
C093
       Aquifer code
                                                           110QRNR
                                                           SDGL
C096
       Lithology code
                                                 WB, MED-CRS SAND W/SM GRADED GRVLS
C097
       Description of material
C304
       Contributing unit
                                                           19840526
C095
       Aquifer date -geo
C126
       Aquifer-static-level
                                                                34
                                                           100
C132
       Aquifer contribution
                                                                          603327151070501
C001
         Site ID (station number)
                                                           W
C002
       Type of site
C003
       Record classification
                                                           М
C004
       Source agency code
                                                           USGS
                                                           KENAI EBA
C005
       Project number
                                                            603327
C009
       Latitude
                                                            1510705
C010
       Longitude
C011
       Lat-long accuracy code
C012
                                                           SB00501001AACD2 007
       Local well number
                                                           SWNENES01 T005N R010W S
C013
       Land-net location
                                                           KENAI C-3SW KR06
C014
       Name of location map
                                                             25000
C015
       Scale of location map
C016
       Altitude of land surface
                                                                221
                                                           М
C017
       Method altitude determined
                                                            10
C018
       Altitude accuracy
                                                           19020302
C020
       Hydrologic unit code
                                                           1969
C021
       Date well constructed
```

```
C023
      Primary use of site
C024
      Primary use of water
                                                         Н
                                                               80
C027
      Hole depth
                                                               80
C028
      Depth of well
C029
      Source of depth data
                                                         Α
C803
      Agency use of site code
                                                         SB00501001AACD2 007
C900
      Station name
C060
      Date of construction
      Name of contractor
                                                         UNKNOWN
C063
C064
      Source of construction data
                                                         0
C066
      Type of finish
                                                                0
C073
      Depth to top of this interval
                                                               80
C074
       Depth to bottom of this interval
C075
       Diameter of this interval
C077
       Depth to top of this casing string
                                                               _1
C078
                                                               80
      Depth to bottom of this casing string
C079
      Diameter of this casing string
                                                             6
C725
      Record number for casing subrecord
                                                           1
                                                         1969
C159
      Date of ownership
C161
      Owner
                                                         HINER REID
                                                         L05B03
C190
      Other identifier
                                                         THOMPSON PARK 1
C191
      Assignor of other identifier
                                            REOUEST FOR WTR&SEWER SYS APPVL 1978
      Other data type
C181
      Other data location
C182
                                                         D
                                                         F
C261
      Format of other data
                                           REQUEST FOR WTR&SEWER SYS APPVL 1981
C181
      Other data type
C182
       Other data location
                                                         D
                                                         F
C261
       Format of other data
                                            ALL INFO TAKEN FROM REQUEST OF APPVL
C185
      Remarks -misc
                                                                       603327151072701
C001
         Site ID (station number)
                                                         W
C002
      Type of site
C003
      Record classification
                                                         U
                                                         USGS
C004
       Source agency code
                                                         KENAI ERJ
C005
       Project number
C009
      Latitude
                                                          603327
                                                          1510727
C010
      Longitude
C011
      Lat-long accuracy code
                                                         SB00501101ABDC1 018
C012
      Local well number
                                                         SENWNES01 T005N R011W S
C013
      Land-net location
C014
     Name of location map
                                                         KENAI C-3SW KR06
                                                           25000
C015
      Scale of location map
C016
     Altitude of land surface
                                                               41
                                                         м
C017
      Method altitude determined
C018 Altitude accuracy
                                                          10
                                                         19020302
C020 Hydrologic unit code
                                                         19790811
C021
      Date well constructed
C023
      Primary use of site
C024
      Primary use of water
                                                         Н
C027
       Hole depth
                                                              131
C028
       Depth of well
                                                              131
C029
       Source of depth data
                                                         D
                                                               1
C030
       Water level
                                                         19790811
C031
       Date water level measured
C033
       Source of water-level data
                                                         R
C034
       Method water level measured
                                                         C
C713
       Aquifer-type code
                                                         110QRNR
C714
       Aquifer code
C803
      Agency use of site code
                                                         SB00501101ABDC1 018
C900
       Station name
                                                         19790811
C060
      Date of construction
                                                         KRAXBERGER
C063
       Name of contractor
C064
      Source of construction data
                                                         Α
C065
      Method of construction
```

```
C066
                                                           0
       Type of finish
C073
       Depth to top of this interval
                                                                  0
C074
       Depth to bottom of this interval
                                                                131
                                                               6
C075
       Diameter of this interval
                                                                 -3
C077
       Depth to top of this casing string
C078
       Depth to bottom of this casing string
                                                                131
C079
       Diameter of this casing string
                                                               6
                                                           19790811
C148
       Date discharge measured
C150
       Discharge
                                                                   50
C151
       Source of discharge data
                                                           D
C152
       Method discharge measured
                                                           R
                                                           19920827
C702
       Last update -disch
C703
       Discharge type
                                                           19790811
C159
       Date of ownership
                                                           MURPHY CARROLL
C161
       Owner
C190
       Other identifier
                                                           TR0A
C191
       Assignor of other identifier
                                                           MACK SUB
                                                           UNCONSOL
C190
       Other identifier
                                                           CONFINED
       Assignor of other identifier
C191
C181
                                               APPLICATION FOR WTR&SEWER SYS 1981
       Other data type
C199
                                                           D
       Type of log
C200
       Depth to top of logged interval
C201
       Depth to bottom of logged interval
                                                                131
C202
       Source of log data
C091
       Depth to top of interval
                                                                  0
C092
       Depth to bottom of interval
                                                                  1
                                                           1100RNR
C093
       Aguifer code
                                                           SOIL
C096
       Lithology code
                                                           TOPSOIL
C097
       Description of material
C304
       Contributing unit
C091
                                                                  1
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                  5
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
C304
       Contributing unit
                                                           N
                                                                  5
C091
       Depth to top of interval
                                                                 32
       Depth to bottom of interval
C092
C093
       Aquifer code
                                                           1100RNR
                                                           GRVL
C096
       Lithology code
                                                           N
C304
       Contributing unit
C091
       Depth to top of interval
                                                                 32
       Depth to bottom of interval
                                                                 35
C092
                                                           110QRNR
C093
       Aquifer code
                                                           CLAY
C096
       Lithology code
                                                           BLU
       Description of material
C097
                                                           N
C304
       Contributing unit
                                                                 35
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 56
                                                           110QRNR
C093
       Aquifer code
C096
       Lithology code
                                                           SAND
C304
       Contributing unit
                                                           N
                                                                 56
C091
       Depth to top of interval
                                                                 62
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
                                                           CLAY
C096
       Lithology code
C304
       Contributing unit
                                                                 62
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 81
C093
                                                           110QRNR
       Aquifer code
C096
       Lithology code
                                                           GRVL
                                                           WTR, SILTY
C097
       Description of material
C304
       Contributing unit
                                                                 81
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 85
                                                           110QRNR
C093
       Aquifer code
```

C096	Lithology code	GRCM
C304	Contributing unit	N
C091	Depth to top of interval	85
C092	Depth to bottom of interval	95
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	HARD, ROCKY
C304	Contributing unit	N
C091	Depth to top of interval	95
C092	Depth to bottom of interval	96
C093	Aquifer code	110QRNR
C096	Lithology code	GRCM
C304	Contributing unit	N
C091	Depth to top of interval	96
C092	Depth to bottom of interval	98
C093	Aquifer code	110QRNR
C096	Lithology code	GRVL
C097	Description of material	LTL WTR, CLEAN
C304	Contributing unit	N
C091	Depth to top of interval	98
C092	Depth to bottom of interval	130
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	HARD, ROCKY
C304	Contributing unit	N
C091	Depth to top of interval	130
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR
C304	Contributing unit	P
C001	Site ID (station number)	603327151080701
C002	Type of site	W
	•	W U
C002	Type of site	
C002	Type of site Record classification	U
C002 C003 C004	Type of site Record classification Source agency code	U USGS
C002 C003 C004 C009	Type of site Record classification Source agency code Latitude	U USGS 603327
C002 C003 C004 C009 C010	Type of site Record classification Source agency code Latitude Longitude	U USGS 603327 1510807
C002 C003 C004 C009 C010	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code	U USGS 603327 1510807 F
C002 C003 C004 C009 C010 C011 C012	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number	U USGS 603327 1510807 F SB00501101BACC1 007
C002 C003 C004 C009 C010 C011 C012 C013	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S
C002 C003 C004 C009 C010 C011 C012 C013 C014	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water-level data	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033 C034	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured Source of water-level data Method water level measured	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D R
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033 C034 C037	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured Site status at water-level measurement	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D R F
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033 C034 C037 C040	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured Source of water-level data Method water level measurement Date site record last updated	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D R F 19930709
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033 C034 C037 C040 C303	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured Source of water-level data Method water level measured Site status at water-level measurement Date site record last updated Date site record created	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D R F 19930709 19900413
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033 C034 C037 C040 C303 C713	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured Source of water-level data Method water level measured Site status at water-level measurement Date site record created Aquifer-type code	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D R F 19930709 19900413 C
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033 C034 C037 C040 C303 C713 C714	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured Source of water-level data Method water level measured Site status at water-level measurement Date site record created Aquifer-type code Aquifer code	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D R F 19930709 19900413 C 110QRNR
C002 C003 C004 C009 C010 C011 C012 C013 C014 C015 C016 C017 C018 C020 C021 C023 C024 C027 C028 C029 C031 C033 C034 C037 C040 C303 C714 C900	Type of site Record classification Source agency code Latitude Longitude Lat-long accuracy code Local well number Land-net location Name of location map Scale of location map Altitude of land surface Method altitude determined Altitude accuracy Hydrologic unit code Date well constructed Primary use of site Primary use of water Hole depth Depth of well Source of depth data Date water level measured Source of water-level data Method water level measured Site status at water-level measurement Date site record created Aquifer-type code Aquifer code Station name	U USGS 603327 1510807 F SB00501101BACC1 007 SWNENWS01 T005N R011W S KENAI C-4SE KR06 25000 41 M 10 19020302 19820520 W H 212 212 D 19820520 D R F 19930709 19900413 C 110QRNR SB00501101BACC1 007

C065	Method of construction	A
C066	Type of finish	0
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	38
C075	Diameter of this interval	8
C724	Record number for hole subrecord	1
	Depth to top of this interval	38
C073		212
C074	Depth to bottom of this interval	6
C075	Diameter of this interval	
C077	Depth to top of this casing string	-2
C078	Depth to bottom of this casing string	38
C079	Diameter of this casing string	8
C077	Depth to top of this casing string	38
C078	Depth to bottom of this casing string	212
C079	Diameter of this casing string	6
C148	Date discharge measured	19820520
C150	Discharge	5
C151	Source of discharge data	D
C152	Method discharge measured	R
C702	Last update -disch	19900413
	•	F
C703	Discharge type	19820520
C148	Date discharge measured	
C150	Discharge	60
C151	Source of discharge data	D
C152	Method discharge measured	R
C703	Discharge type	P
C159	Date of ownership	19820520
C161	Owner	THOMPSON BILL
C190	Other identifier	L01B01
C191	Assignor of other identifier	FOR PETES SAKE
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C191	Type of log	D
C200	<del>**</del>	0
	Depth to top of logged interval	
	• • •	
C201	Depth to bottom of logged interval	212
C201 C202	Depth to bottom of logged interval Source of log data	212 D
C201 C202 C091	Depth to bottom of logged interval Source of log data Depth to top of interval	212 D
C201 C202	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval	212 D 0 3
C201 C202 C091	Depth to bottom of logged interval Source of log data Depth to top of interval	212 D 0 3 110QRNR
C201 C202 C091 C092	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval	212 D 0 3
C201 C202 C091 C092 C093	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code	212 D 0 3 110QRNR
C201 C202 C091 C092 C093 C096	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code	D 0 3 110QRNR SOIL
C201 C202 C091 C092 C093 C096 C097 C304	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit	D 0 3 110QRNR SOIL TOPSOIL&CLAY
C201 C202 C091 C092 C093 C096 C097 C304 C091	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval	D  0 3 110QRNR SOIL TOPSOIL&CLAY N
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval	D  0 3 110QRNR SOIL TOPSOIL&CLAY N  3 15
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code	D  0 3 110QRNR SOIL TOPSOIL&CLAY N  3 15 110QRNR
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code	D  0 3 110QRNR SOIL TOPSOIL&CLAY N  3 15 110QRNR SAND
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit	D  0 3 110QRNR SOIL TOPSOIL&CLAY N  3 15 110QRNR SAND N
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to bottom of interval	D  0 3 110QRNR SOIL TOPSOIL&CLAY N  3 15 110QRNR SAND N  15
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to bottom of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to bottom of interval Depth to bottom of interval Aquifer code	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C304 C091	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code	D  0 3 110QRNR SOIL TOPSOIL&CLAY N  3 15 110QRNR SAND N  15 25 110QRNR SAND WATER N
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C304 C091	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C304	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit	D  0 3 110QRNR SOIL TOPSOIL&CLAY N  3 15 110QRNR SAND N  15 25 110QRNR SAND WATER N
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C304 C091 C092	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to top of interval Depth to top of interval Depth to bottom of interval Depth to bottom of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Aquifer code Lithology code Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to top of interval Depth to top of interval Depth to bottom of interval Depth to bottom of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR SDGL
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to top of interval Aquifer code Lithology code Description of material Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR SDGL WATER
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to top of interval Depth to bottom of interval Depth to bottom of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR SDGL WATER N
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to top of interval Depth to bottom of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to top of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR SDGL WATER N 35 40
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to top of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Depth to bottom of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR SDGL WATER N 35 40 110QRNR
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to top of interval Aquifer code Lithology code Description of material Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Depth to bottom of interval Depth to bottom of interval Lithology code Lithology code	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR SDGL WATER N 35 40 110QRNR STCL
C201 C202 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093 C096 C097 C304 C091 C092 C093	Depth to bottom of logged interval Source of log data Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Contributing unit Depth to top of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to top of interval Depth to top of interval Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to bottom of interval Aquifer code Lithology code Description of material Contributing unit Depth to top of interval Depth to bottom of interval Depth to bottom of interval	212 D 0 3 110QRNR SOIL TOPSOIL&CLAY N 3 15 110QRNR SAND N 15 25 110QRNR SAND WATER N 25 35 110QRNR SDGL WATER N 35 40 110QRNR

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Depth to bottom of interval
                                                                 45
C092
C093
                                                          1100RNR
       Aquifer code
C096
                                                          SDGL
       Lithology code
                                                          WATER
C097
       Description of material
C304
       Contributing unit
                                                          N
                                                                 45
C091
       Depth to top of interval
                                                                 48
C092
       Depth to bottom of interval
C093
       Aquifer code
                                                          1100RNR
                                                          CLAY
C096
       Lithology code
       Description of material
                                                          BLUE
C097
C304
       Contributing unit
                                                          N
                                                                 48
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                 54
                                                          110QRNR
C093
       Aquifer code
                                                          SDST
C096
       Lithology code
                                                          WATER
C097
       Description of material
C304
       Contributing unit
                                                          N
                                                                 54
C091
       Depth to top of interval
                                                                 58
       Depth to bottom of interval
C092
                                                          1100RNR
C093
       Aquifer code
C096
                                                          CLAY
       Lithology code
C097
       Description of material
                                                          BLUE
                                                          N
C304
       Contributing unit
       Depth to top of interval
                                                                 58
C091
                                                                185
C092
       Depth to bottom of interval
                                                          1100RNR
C093
       Aquifer code
                                                          SDST
C096
       Lithology code
                                                          WTR, SAND&SILT STRKS
C097
       Description of material
C304
       Contributing unit
                                                                185
C091
       Depth to top of interval
                                                                191
C092
       Depth to bottom of interval
                                                          110QRNR
C093
       Aquifer code
                                                          CLAY
C096
       Lithology code
                                                          BLUE
C097
       Description of material
                                                          N
C304
       Contributing unit
C091
                                                                191
       Depth to top of interval
                                                                194
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                          SAND
       Description of material WTR, SL 3FT&30GPM PUMPED, ALMOST ARTESIAN DRLR RPTS
C097
C304
       Contributing unit
                                                                194
C091
       Depth to top of interval
                                                                200
C092
       Depth to bottom of interval
C093
                                                           1100RNR
       Aquifer code
C096
       Lithology code
                                                           CLAY
                                                          BLUE
C097
       Description of material
                                                          N
C304
       Contributing unit
                                                                200
C091
       Depth to top of interval
C092
       Depth to bottom of interval
                                                                203
                                                           110QRNR
C093
       Aquifer code
                                                           SAND
C096
       Lithology code
                                                          WTR, 40GPM
C097
       Description of material
C304
       Contributing unit
                                                                203
C091
       Depth to top of interval
                                                                208
C092
       Depth to bottom of interval
                                                           1100RNR
C093
       Aquifer code
C096
       Lithology code
                                                           CLAY
                                                           BLUE
C097
       Description of material
                                                           N
C304
       Contributing unit
                                                                208
       Depth to top of interval
C091
                                                           1100RNR
C093
       Aquifer code
                                                           SAND
C096
       Lithology code
                                                           WTR, ARTESIAN
C097
       Description of material
C304
       Contributing unit
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## **APPENDIX 2**

Water quality data for wells on the Kenai Peninsula Roy L. Glass, U.S. Geological Survey, written commun., 1995

## Selected physical properties and chemical constituents in ground water on the Kenai Peninsula

[Units: µS/cm, microsiemens per centimeter at 25 degrees Celsius; mg/L, milligram per liter; µg/L, microgram per liter Drinking-water standard: P, Primary maximum contaminant level; S, Secondary maximum contaminant level]

			y of water the total ss than 500 yalues t uses.	ange y of a solu- linity; val- siveness of cessively	Aost users
	Remarks		Specific conductance is a measure of the capacity of water to conduct electric current and is used to estimate the total dissolved constituents in water. Waters having less than 500 mg/L of dissolved solids, or specific conductance values less than about 820 μS/cm, are preferred for most uses. Eighteen sites had values greater than 820 μS/cm.	Hydrogen ion concentration. Values for pH can range between 0 and 14; a pH of 7.0 indicates neutrality of a solution. Values higher than 7 denote increasing alkalinity; values lower than 7 denote increasing acidity. Corrosiveness of water generally increases with decreasing pH. Excessively alkaline waters may also attack metals.  Thirty seven sites had pH values of 6.5 or less.  Twenty four sites had pH values of 8.5 or greater.	Affects usefulness of water for many purposes. Most users desire water of uniformly low temperature.
Drinking-	water standard <sup>2</sup>	Physical properties and field measurements	1	6.5-8.5 (S)	1
	Mean Median Standard deviation	and field m	343	0.7	3.5
tration <sup>1</sup>	Median	roperties	219	7.5	5.0
/alue or concentration <sup>1</sup>	Mean	hysical p	336	7.5	6.2
Value	Maxi- mum	ш	2,280	10.0	23
	Mini- mum		09	8.	2.5
Number	of wells sampled		300	303	268
Number Number	of water of wells samples sampled		404	401	327
Property	or constituent		Specific conductance (µS/cm at 25 degrees Celsius)	pH (units)	Temperature (degrees Celsius)

Selected physical properties and chemical constituents in ground water on the Kenai Peninsula--Continued

Value or concentration <sup>1</sup> Drinking-	Maxi- Median Geviation standard standard themse standard thems	Hardness describes the amount of scale that will form when the water evaporates and the amount of soap needed. Hardness is primarily due to the presence of calcium and magnesium and is expressed as mg/L as CaCO. In general, water of hardness as much as 60 mg/L is considered soft; 60-120 mg/L, moderately hard; 121-180 mg/L, hard; and greater than 180 mg/L, very hard.  One hundred forty two sites had values less than 60 mg/L as CaCO <sub>3</sub> ; Ninety two sites had values between 60 and 120 mg/L; Twenty three sites had values between 120 and 180 mg/L. Three sites had values exceeding 180 mg/L.	Water that enters the ground-water system has oxygen concentrations similar to those of surface water in contact with the atmosphere. The oxygen is depleted as it reacts with oxidizable material (such as organic materials and reduced inorganic minerals) encountered along the flow path of the water.	98 39 24 30 Proportion of sodium relative to all positively charged ions. A large ratio of sodium to calcium and magnesium is undesirable in water for irrigation.  Major inorganic constituents, dissolved (milligrams per liter)	Calcium is dissolved from almost all rocks and soils. It is a principal cation in Kenai ground water having specific conductance less than 1,000 μS/cm. Calcium and magnesium are the cause of most hardness and scale-forming properties of water.	27 5.7 4.6 4.0 Magnesium is dissolved from many rocks. Its effect in water is similar to that of calcium. Magnesium significantly
ion <sup>1</sup>	1			24 30 fruents, dissolv	14 11	
ncentration <sup>1</sup>				9 24	7 14	
Value or α			12	98 Major morge		27
	Mini- mum	8	<0.2	1.6	0.3 12<3.2 1@ND	0.2 2@ND
Number	of wells sampled	260	28	230	259	258
Number Number	of water of wells samples sampled	334	58	294	327	326
Property	<b>ب</b>	Hardness (mg/L as CaCO3)	Dissolved oxygen, O <sub>2</sub> (mg/L)	Percent sodium (percent)	Calcium, Ca	Magnesium, Mg

Selected physical properties and chemical constituents in ground water on the Kenai Peninsula--Continued

Property	Number	Number		Value c	/alue or concentration	ration1		Drinking-	
or constituent	of water samples		Mini- mum	Maxi- mum	Mean	Median	Standard deviation	water standard <sup>2</sup>	Remarks
Sodium, Na	328	258	1:1	448	43	8.0	27	250 (S)	Predominant cation in water having specific conductance greater than 1,000 µS/cm. High sodium concentrations may be harmful to individuals on a restricted sodium diet. Ten sites exceeded 250 mg/L.
Potassium, K	327	257	9.0	27	4.0	2.9	3.2	250 (S)	Potassium is dissolved from many rocks and is a minor cation in Kenai ground water. No sites exceeded 250 mg/L.
Alkalinity, fixed endpoint method	297	231	18	1,080	142	112	136	:	A property that describes the water's capacity for neutralizing acidity and is expressed as an equivalent concentration of calcium carbonate. Attributed mostly to bicarbonate, a principal anion in Kenai ground water. The significance of alkalinity to the domestic, agricultural, and industrial user is usually dependent upon the nature of the cations (calcium, magnesium, sodium, and potassium) associated with it. Alkalinity in moderate amounts does not adversely affect most users. However, high alkalinity is usually associated with high pH, hardness, and dissolved solids, which can be detrimental.
Sulfate, SO <sub>4</sub>	327	259	1@<.01 2@<0.1 38@ND	73	4.5	2.0	8.7	250 (S)	Sulfate is dissolved from most sedimentary rocks. Concentrations greater than 250 mg/L may have a laxative effect on some people. No sites exceeded 250 mg/L.
Chloride, Cl	334	260	0.5	457	83	5.9	& &	250 (S)	A principal cation in Kenai ground water having a specific conductance greater than 1,000 μS/cm. Large concentrations increase corrosiveness of water and, in combination with sodium, give a salty taste. Six sites exceeded 250 mg/L.
Fluoride, F	330	258	1@<.01 25@<0.1 17@ND	3.5	0.27	0.14	0.42	2 (S) 4 (P)	Fluoride concentrations of 0.6 to 1.7 mg/L in drinking water reduces incidence of tooth decay when the water is consumed during enamel calcification. Concentrations greater than 1.7 mg/L also protect the teeth from cavities but may cause an undesirable black stain. Five sites exceeded 2

mg/L.

Selected physical properties and chemical constituents in ground water on the Kenai Peninsula--Continued

	Remarks	Silica is dissolved from rocks and soils. Together with calcium and magnesium, silica forms scale in boilers and steam turbines.	The sum of the concentrations of all constituents. Normally, the smaller the concentration, the better the quality for most uses. Fifteen sites exceeded 500 mg/L.		Nitrite is unstable in aerated water.	Nitrogen is an essential element in animal and plant nutrition, however, large concentrations in ground water are commonly associated with pollution by human activities. Nitrogen is usually found in water or soil as ammonia (NH <sub>4</sub> ), nitrate (NO <sub>2</sub> ), and nitrite (NO <sub>2</sub> ), but nitrite is unstable in aerated water. A nitrate concentration of 10 mg/L as N is equivalent to 44 mg/L as NO <sub>3</sub> . Concentrations greater than 10 mg/L as nitrogen may cause methemoglobinemia, a sometimes fatal disease in infants. No sites exceeded 10 mg/L as N.	Ammonia is a component of the nitrogen cycle, but is usually present in water in small concentrations.	Organic nitrogen and ammonia nitrogen. Organic nitrogen includes such natural materials as proteins and peptides, nucleic acids and urea, and numerous synthetic organic materials.
Drinking-	water standard <sup>2</sup>	1	500 (S)	s per liter)	1 (P)	10 (P)	ł	i
	Standard deviation	9.5	189	Nutrients, dissolved (milligrams per liter)	ŀ	I	1	1
ration <sup>1</sup>	Median	31	152	, dissolve	<0.01	0.1	0.06	0.3
Value or concentration <sup>1</sup>	Mean	31	206	Nutrients	ŀ	ı	ı	ı
Value o	Maxi- mum	55	1,270		0.04	vo	9.0	6.0
	Mini- mum	2.2	4		58@<.01	34@<.05 24@<0.1	15@<.01	23@<0.2
Number Number	of water of wells samples sampled	231	253		70	116	10 1	61
Number	of water of wells samples sampled	298	319		71	129	71	. 61
Property	or constituent	Silica, SiO <sub>2</sub>	Dissolved solids, sum of constituents		Nitrite as N	Nitrate plus nitrite as N	Ammonia, as N	Ammonia + organic nitrogen, as N

Selected physical properties and chemical constituents in ground water on the Kenai Peninsula--Continued

Selected physical properties and chemical constituents in ground water on the Kenai Peninsula--Continued

Number Number Ovalue or concentration 1 Drinking-	of water of wells Mini- Maxi- Median Median Standard standard² samples sampled mum mum deviation	106 100 60@<5 7 <5 50 (P) Noticeable amounts from natural sources may be present in acidic waters. Often used in the electroplating of metals.  133@<1 Toxicity to aquatic life varies widely with species, temperature, ph and other factors. No sites exceeded 50 µg/L	72 71 67@<3 9 <3 Usually present only in negligible quantities in natural waters.	118 108 19@<1 300 <10 1,000 (P) Copper is an essential nutrient for man, animals, and plants.  1.000 (P) Small amounts may be introduced into water by solution of copper and brass pipes. Copper imparts a disagreeable metallic taste to water. Copper salts affect the mucus covering the gills of fish and interfere with respiration. No sites exceeded 1,000 µg/L.	136 122 3 41,000 2,800 210 5,400 300 (S) Iron is dissolved from many rocks and soils and is an essential element in the metabolism of animals and plants. On exposure to air, iron in ground water oxidizes to become a reddish brown sediment. If present in water in excessive amounts, it forms a red precipitate that stain laundry and plumbing fixtures, cause discoloration and unpleasant taste in beverages, and may promote growth of iron bacteria in pipes. Iron concentrations greater than 300 µg/L is not recommended for public water supply without treatment. Fifty six sites exceeded 300 µg/L.	118 109 19@<1 20 <10 50 (P) Dissolved in very small amounts from some rocks. Toxic to 2@<2 man, animals and plants. Cumulative in the human body. No sites exceeded 50 µg/L	
	water of w nples sam						71
Property Numb	or of wat constituent sampl	Chromium, Cr 106	Cobalt, Co 72	Copper, Cu 118	Iron, Fe 136	Lead, Pb 118	Lithium, Li 72

Selected physical properties and chemical constituents in ground water on the Kenai Peninsula--Continued

Property	Number	Number Number		Value o	Value or concentration <sup>1</sup>	tration <sup>1</sup>		Drinking-	
or constituent	of water samples	of water of wells samples sampled	Mini- mum	Maxi- mum	Mean	Median	Standard deviation	water standard <sup>2</sup>	Remarks
Manganese, Mn	135	121	\$@<1 \$@<5	1,400	218	110	284	50 (S)	Dissolved in some rocks and soils and it resembles iron in its chemical behavior and its natural occurrence. It is an essential element for both plants and animals. If present in water in excessive amounts (greater than 200 µg/L), it forms black oxide stains and an unpleasant taste in beverages. Seventy seven sites exceeded 50 µg/L.
Mercury, Hg	104	86	66@<0.1 28@<1.	0.5	ı	<b>40.1</b>	1	2 (P)	Mercury is the only common metal which is liquid at ordinary temperatures. It occurs free in nature but its chief source is cinnabar. Mercury compounds are toxic. No sites exceeded 2 µg/L
Molybdenum, Mo	72	71	70@<10	20	1	<10	1	1	Usually present only in negligible quantities in natural waters. Molybdenum is an essential element in animal and plant nutrition, especially legumes.
Nickel, Ni	105	66	9@<1 86@<10	10	ı	<10	i	ŀ	Usually present only in negligible quantities in natural waters.
Selenium, Se	ន	19	16@<1	3.5	1	7	1	50 (P)	Selenium is an essential nutrient, but is required in low concentrations. It is found naturally in food and soils and is used in electronics, photocopy operations, the manufacture of glass, chemicals, and drugs, and as a fungicide and as a feed additive. No sites exceeded 50 µg/L.
Silver, Ag	73	72	64@<1 9@ND	11	1	$\nabla$	ļ,	(S) 06	Silver is a rare element in crustal rocks but is used extensively in photography. No sites exceeded 90 µg/L.
Strontium, Sr	72	71	18	200	8	80	41	1	Strontium is a fairly common element in rocks.
Vanadium, V	27	71	70@<6	7	I	9>	ï	1	Vanadium is involved in biochemical processes in living matter. It is present in plants and in coal and petroleum.

Selected physical properties and chemical constituents in ground water on the Kenai Peninsula--Continued

Property Number Number	Number	Number		Value c	'alue or concentration <sup>1</sup>	tration <sup>1</sup>		Drinking-	
or of water of wells constituent samples sampled	of water samples	of water of wells samples	Mini- mum	Maxi- mum	Mean	Median	Median Standard deviation	water standard <sup>2</sup>	Remarks
Zinc, Zn	120	0110	10@<3 21@<20	1,260	1	20	1	5,000 (P)	Zinc is abundant in rocks and ores but it is only a minor constituent in natural water because the free metal and its oxides are only sparingly soluble. Zinc in water does not cause serious effects on health, but produces undesirable aesthetic effects. It is an essential plant and animal nutrient. May impart a metallic taste to water. No sites exceeded 5,000 µg/L.
				STO OTE	janic com	pounds,	total (micro	Organic compounds, total (micrograms per liter)	()4
Benzene	22	21 2	21@<0.2	21@<0.2	1	<0.2	ŀ	5 (P)	Benzene is a major component of gasoline and is also used as a solvent and degreaser of metals.
Toluene	23	21	10@<0.2 11@<0.3	10@<0.2 11@<0.3	1	<0.2	ı	1,000 (P)	Toluene is used as a solvent and in the manufacture of gasoline.
Ethylbenzene	22	21	21@<0.2	21@<0.2	ł	<0.2	ł	700 (P)	Ethylbenzene is a major component of gasoline.
Xylenes	22	21	21@<0.2	21@<0.2	1	<0.2	:	10,000 (P)	Xylene is used in the manufacture of gasoline and as a solvent for pesticides, and as a cleaner and degreaser of metals.

<sup>&</sup>lt;sup>1</sup>Statistical values were calculated for each constituent using a mean concentration for each site. Values for analytical results below detection levels were set to the detection level, if known, or to zero if the detection level was not known (ND). Mean and standard deviation values were not calculated when more than 25 percent of sites had analytical values less than detection levels.

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<sup>&</sup>lt;sup>2</sup>Drinking-water standards are from:

Alaska Department of Environmental Conservation, 1993, Drinking water regulations, 18 AAC 80. Juneau, Alaska, Title 18 Alaska Administrative Code, chapter 80, 134 p.

U.S. Environmental Protection Agency, 1988a, Maximum contamination levels (subpart B of part 141, national interim primary drinking water regulations): U.S. Code of Federal Regulations, Title 40 parts 100 to 140, revised as of July 1, 1988, p. 530-533.

<sup>1988</sup>b, Secondary maximum contamination levels (section 143.3 of part 143, national secondary drinking water regulations): U.S. Code of Federal Regulations, Title 40 parts 100 to 149, revised as of July 1, 1988, p. 608.