Overview of Environmental and Hydrogeologic Conditions near Kenai, Alaska

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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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Anchorage, Alaska
1995

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

U.S. GEOLOGICAL SURVEY
Gordon P. Eaton, Director

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CONVERSION FACTORS, VERTICAL DATUM, AND ABBREVIATIONS

Multiply	By	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^2)	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 [$m^3/s)/km^2$]	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:

$$°F = 1.8\ (°C) + 32$$

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 (µg/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 aquifers. 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^2 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

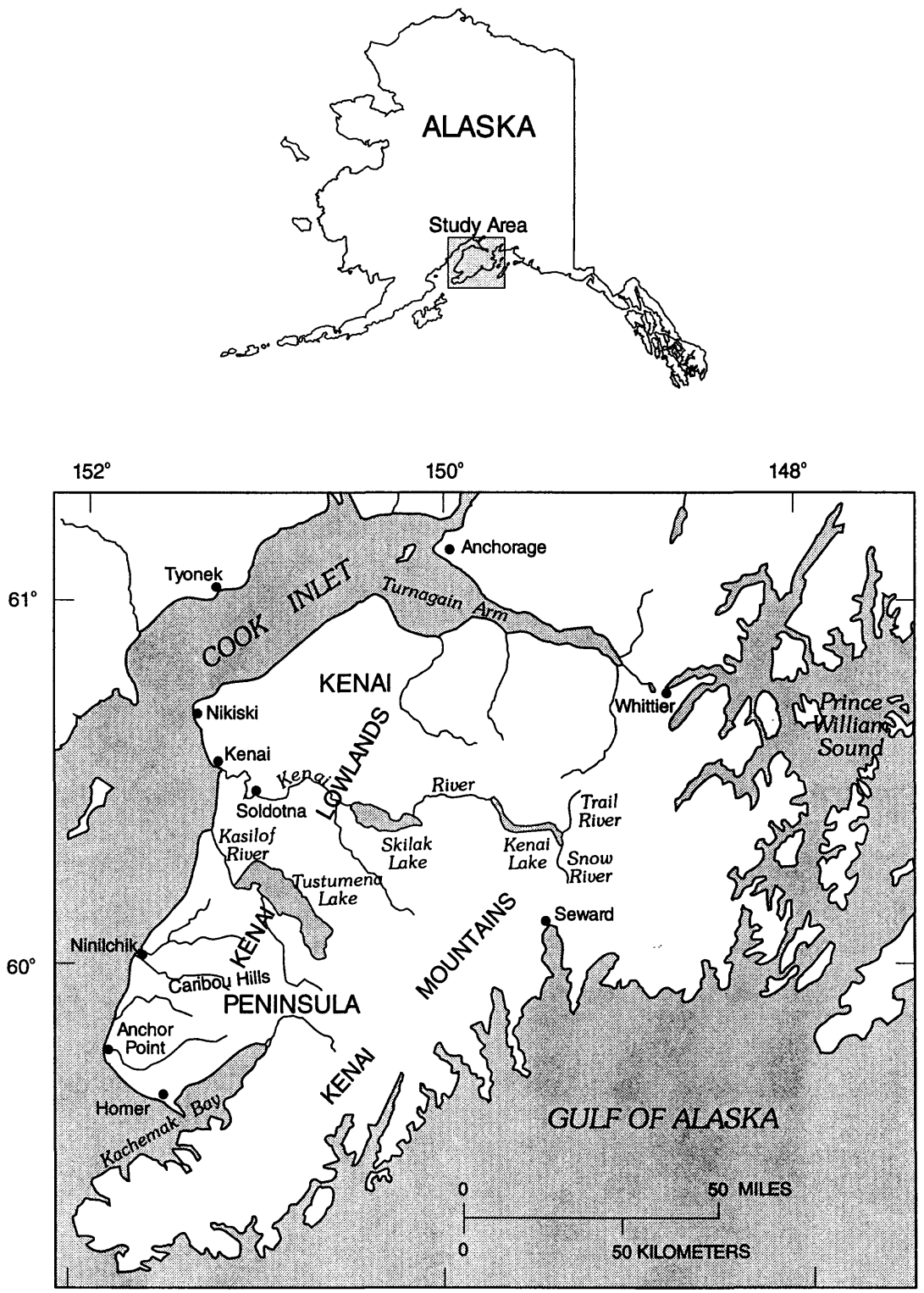
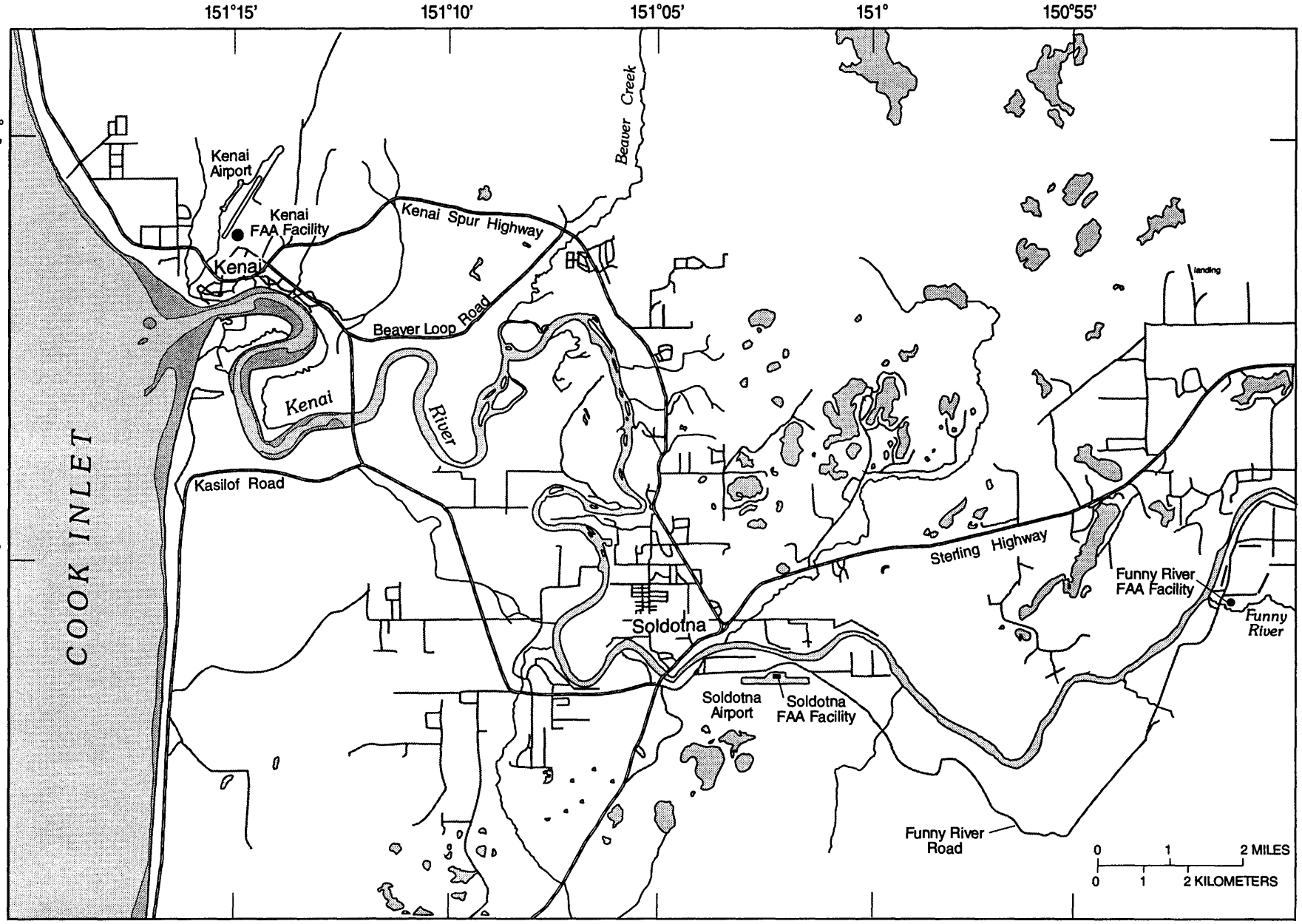


Figure 1. Location of Kenai Peninsula, Alaska.



Base from U.S.Geological Survey, Kenai (B-3, B-4, C-3, C-4), Alaska, 1:63,360, 1950 and 1951

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
						Temperature (°C)							
Mean maximum[1]	-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[2]	-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
						Precipitation, in millimeters of moisture							Total
	27	26	24	22	23	31	50	67	83	60	36	33	482
						Snowfall, in millimeters							Total
	671	503	417	91	0.0	0.0	0.0	0.0	0.0	31	269	589	2,571

[1]Record maximum, 33.9 °C, June 1969.
[2]Record minimum, -44.4 °C, February 1947.

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 low-spreading 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). Outwash-plain 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

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^2 and has an average annual runoff of about 0.005 $(m^3/s)/km^2$, 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 km^2 and has an average annual runoff of about 0.03 $(m^3/s)/km^2$, 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

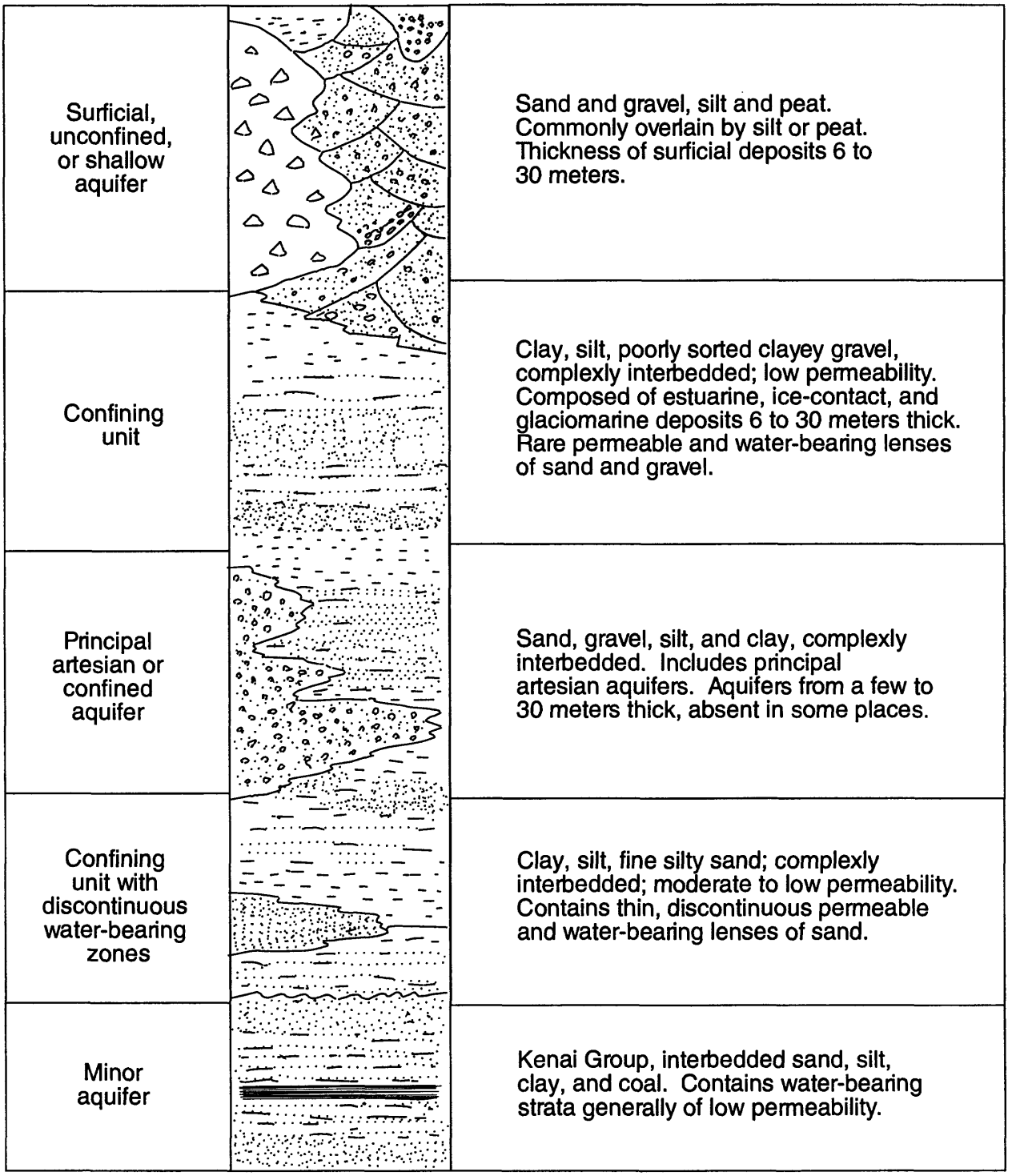


Figure 3. A lithology of sediments representing the ground-water system near the Kenai Airport (modified from Anderson and Jones, 1972).

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^3/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 aquifer (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

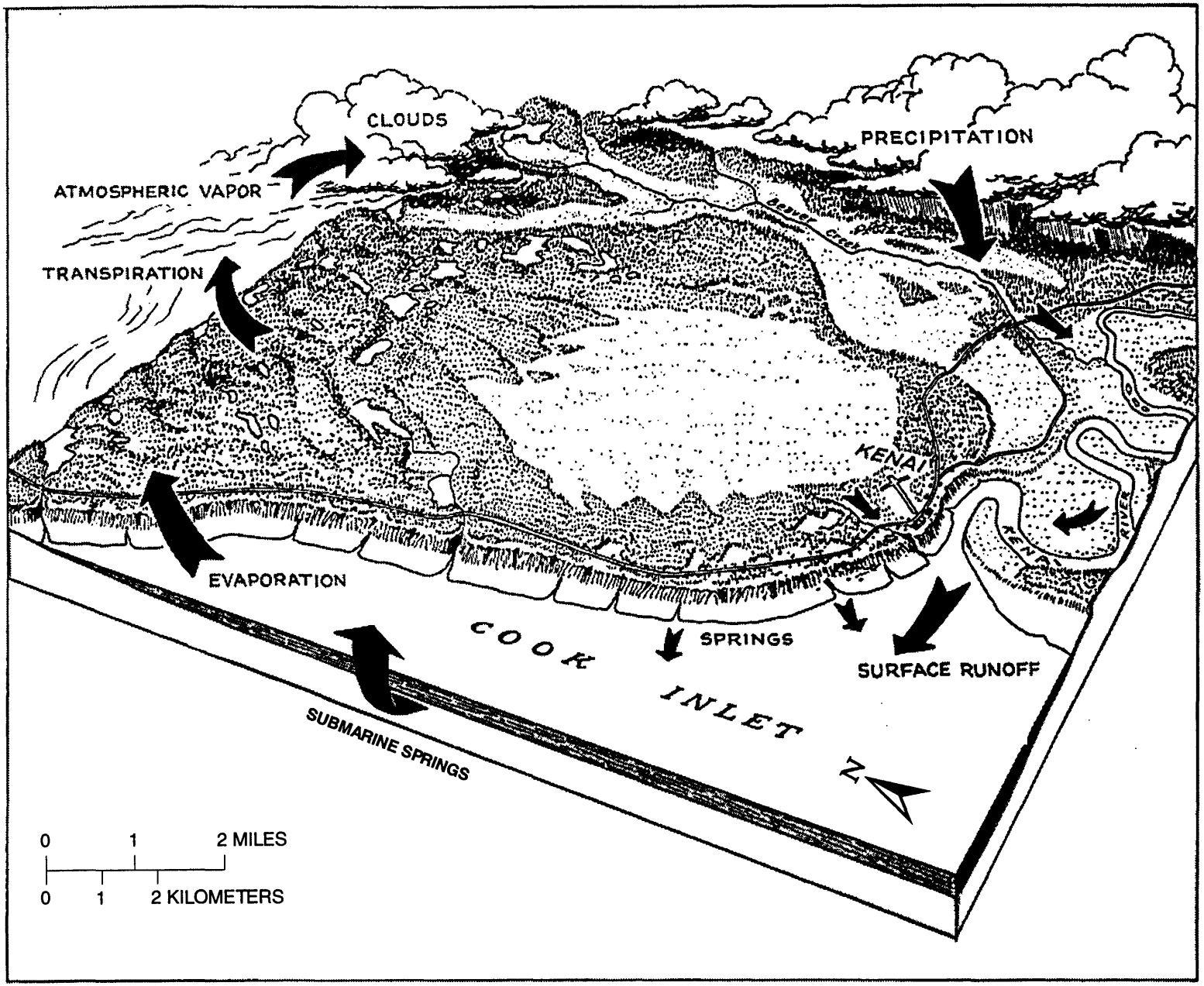


Figure 4. The hydologic cycle near the city of Kenai (modified from Nelson, 1981).

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	B
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
C084	Depth to bottom of this open interval	90.0
C085	Type of openings in this interval	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	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	O
C120	Type of analyses - QW network	B
C706	Network data type -miscellaneous	QW
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	W
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	Remark-date	19790917
C185	Remarks -misc	2 PH=7.0, HARDNESS=68 MG/L
C788	Record type for RMKS subrecord of MISC file	RMKS
C091	Depth to top of interval	5.00
C092	Depth to bottom of interval	17.0
C093	Aquifer code	110QRNR
C096	Lithology code	SILT
C097	Description of material	SNDY,PEAT
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	17.0
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	MEDIUM
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19680822
C126	Aquifer-static-level	3.00
C132	Aquifer contribution	100
C235	Water-level measurement date	19680822
C237	Water level	1.84
C235	Water-level measurement date	19680910
C237	Water level	2.84
C235	Water-level measurement date	19681002
C237	Water level	2.27
C235	Water-level measurement date	19681010
C237	Water level	1.50
C235	Water-level measurement date	19681017
C237	Water level	1.74
C235	Water-level measurement date	19681023
C237	Water level	2.22
C235	Water-level measurement date	19681120
C237	Water level	3.32

C001	**Site ID (station number)**	**603646151173701**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603646
C010	Longitude	1511737
C011	Lat-long accuracy code	F
C012	Local well number	SB00601213ADBD1 001
C013	Land-net location	NWSENES13 T006N R012W S
C014	Name of location map	KENAI C-4SE NK28
C015	Scale of location map	25000
C016	Altitude of land surface	103
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19891014
C023	Primary use of site	O

C024	Primary use of water	U
C027	Hole depth	9.61
C028	Depth of well	9.61
C029	Source of depth data	Z
C030	Water level	5.53
C031	Date water level measured	19891014
C033	Source of water-level data	Z
C034	Method water level measured	R
C900	Station name	SB00601213ADBD1 001
C060	Date of construction	19891014
C063	Name of contractor	UNKNOWN
C066	Type of finish	O
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	9.61
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	9.61
C079	Diameter of this casing string	6
C080	Casing material	P
C758	Record type for CSNG subrecord of CONS file	CSNG
C159	Date of ownership	19891014
C161	Owner	USAF WILDWOOD AIR FORCE STATION
C190	Other identifier	WILDWOOD
C191	Assignor of other identifier	MILITARY RESERV
C190	Other identifier	164GW
C191	Assignor of other identifier	WELL POINT 1
C185	Remarks -misc	SOURCE INFORM ECOLOGY&ENVIRONMENT INC
C185	Remarks -misc	1989 FIELD INVESTIGATION REPORT
C185	Remarks -misc	PHASE II SITE INVESTIGATION FORMER DOD SITE
C185	Remarks -misc	WTR IS HIGHLY TURBID,BRN,NO ODOR
C185	Remarks -misc	PVC CSNG WRAPPED W/CLOTH TO PREVENT SILTING

C001	**Site ID (station number)**	**603623151165501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603623
C010	Longitude	1511655
C011	Lat-long accuracy code	T
C012	Local well number	SB00601118CBDC1 002
C013	Land-net location	SENWSWS18 T006N R011W S
C014	Name of location map	KENAI C-3
C015	Scale of location map	63360
C016	Altitude of land surface	98.00
C017	Method altitude determined	M
C018	Altitude accuracy	25
C019	Topographic setting	L
C020	Hydrologic unit code	19020302
C021	Date well constructed	19520801
C023	Primary use of site	W
C024	Primary use of water	C
C027	Hole depth	95.0
C028	Depth of well	95.0
C030	Water level	6.00
C031	Date water level measured	19520801
C033	Source of water-level data	R
C900	Station name	SB00601118CBDC1 002
C060	Date of construction	195208
C063	Name of contractor	UNKNOWN
C064	Source of construction data	D
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	95.0
C075	Diameter of this interval	12.0
C756	Record type for HOLE subrecord of CONS 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	WILDWOOD STA
C187	Date of visit	19600322
C188	Person who made visit	CRANDALL G
C774	Record type for VIST subrecord of MISC 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 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	O
C120	Type of analyses - QW network	H
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	C
C004	Source agency code	USGS
C009	Latitude	603623
C010	Longitude	1511703
C011	Lat-long accuracy code	T
C012	Local well number	SB00601118CCAD1 001
C013	Land-net location	NESWSWS18 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	101.90
C017	Method altitude determined	L
C018	Altitude accuracy	.1
C019	Topographic setting	L
C020	Hydrologic unit code	19020302

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

C191	Assignor of other identifier	CONFINED
C181	Other data type	OTHER QW
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	D
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	70.0
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C115	Begin year of data collection	1967
C116	End year of data collection	1967
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	B
C706	Network data type -miscellaneous	QW
C730	Sequence number for SPEC subrecord of MISC file	1
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1968
C116	End year of data collection	1968
C118	Frequency of data collection	I
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	1966
C116	End year of data collection	1970
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
C184	Remark-date	19790917
C185	Remarks -misc	1 HOLE BACKFILLED
C185	Remarks -misc	2 WITHDRAWAL LIMITED AS
C185	Remarks -misc	3 DISCUSSED IN USA F&M
C185	Remarks -misc	4 06/05/1969 REDEVELOPED 31 HOURS
C091	Depth to top of interval	58.0
C092	Depth to bottom of interval	65.0
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	GRAVELLY
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19661019
C126	Aquifer-static-level	5.50
C132	Aquifer contribution	100
C750	Record type for AQFR subrecord of GEOH file	AQFR
C751	Last update for AQFR subrecord of GEOH file	19860314
C235	Water-level measurement date	19661019
C237	Water level	5.5
C235	Water-level measurement date	19690219
C237	Water level	11.9
C235	Water-level measurement date	19700126
C237	Water level	13.23

C001	**Site ID (station number)**	**603623151171301**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603623
C010	Longitude	1511713
C011	Lat-long accuracy code	F
C012	Local well number	SB00601118CCBA1 003
C013	Land-net location	NWSWSWS18 T006N R011W S
C014	Name of location map	KENAI C-4SE NK29

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

C030	Water level	5.52
C031	Date water level measured	19891014
C033	Source of water-level data	Z
C034	Method water level measured	R
C900	Station name	SB00601224ADCC1 003
C060	Date of construction	19891014
C063	Name of contractor	UNKNOWN
C064	Source of construction data	Z
C066	Type of finish	O
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	9.40
C075	Diameter of this interval	4
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	9.40
C079	Diameter of this casing string	4
C758	Record type for CSNG subrecord of CONS file	CSNG
C159	Date of ownership	19891014
C161	Owner	USAF WILDWOOD AIR FORCE STATION
C190	Other identifier	WILDWOOD
C191	Assignor of other identifier	MILITARY RESERV
C190	Other identifier	166GW
C191	Assignor of other identifier	WELL POINT 2
C185	Remarks -misc	SOURCE OF INFORM ECOLOGY&ENVIRONMENT INC
C185	Remarks -misc	1989 FIELD INVESTIGATION REPORT
C185	Remarks -misc	PHASE II SITE INVESTIGATION FORMER DOD SITE
C185	Remarks -misc	PURGED 8 GAL

C001	**Site ID (station number)**	**603511151133002**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603511
C010	Longitude	1511330
C011	Lat-long accuracy code	T
C012	Local well number	SB00601128BBDA2 001
C013	Land-net location	SENWNWS28 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	100.00
C017	Method altitude determined	M
C018	Altitude accuracy	13
C019	Topographic setting	T
C020	Hydrologic unit code	19020302
C021	Date well constructed	19680821
C023	Primary use of site	T
C024	Primary use of water	U
C027	Hole depth	65.0
C028	Depth of well	65.0
C030	Water level	3.16
C031	Date water level measured	19680822
C033	Source of water-level data	S
C034	Method water level measured	S
C900	Station name	SB00601128BBDA2 001
C060	Date of construction	19680821
C063	Name of contractor	USGS
C064	Source of construction data	S
C065	Method of construction	B
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	65.0

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	-2.50
C078	Depth to bottom of this casing string	62.0
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	62.0
C084	Depth to bottom of this open interval	65.0
C085	Type of openings in this interval	S
C760	Record type for OPEN subrecord of CONS file	OPEN
C321	Begin date for use of this measuring point	19690409
C323	Height of this measuring point	4.00
C766	Record type for MPNT subrecord of CONS file	MPNT
C159	Date of ownership	19680821
C161	Owner	USGS KENAI
C190	Other identifier	10155
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C181	Other data type	QW
C182	Other data location	Z
C261	Format of other data	Z
C193	Date of water-quality measurement	19680821
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	4.0
C776	Record type for QUAL subrecord of MISC file	QUAL
C193	Date of water-quality measurement	19680821
C196	Water-quality parameter code	00095
C197	Value of water-quality parameter	256
C776	Record type for QUAL subrecord of MISC file	QUAL
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	O
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	1968
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
C115	Begin year of data collection	1969
C116	End year of data collection	1970
C117	Source agency for network data	USGS
C118	Frequency of data collection	C
C706	Network data type -miscellaneous	WL
C780	Record type for NETW subrecord of MISC file	NETW
C184	Remark-date	19780204
C185	Remarks -misc	HACH FIELD TESTS: IRON=600 UG/L,PH=8.0
C788	Record type for RMKS subrecord of MISC file	RMKS
C184	Remark-date	19800505
C185	Remarks -misc	HARDNESS=120 MG/L
C091	Depth to top of interval	3.00
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19660822
C126	Aquifer-static-level	3.00
C132	Aquifer contribution	100
C235	Water-level measurement date	19671010
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
C237	Water level	2.49
C235	Water-level measurement date	19681017
C237	Water level	2.91
C235	Water-level measurement date	19681023
C237	Water level	3.47
C235	Water-level measurement date	19681120
C237	Water level	4.50
C235	Water-level measurement date	19690313
C237	Water level	7.13
C235	Water-level measurement date	19690408
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
C235	Water-level measurement date	19701005
C237	Water level	3.93
C235	Water-level measurement date	19701007
C237	Water level	3.68
C235	Water-level measurement date	19701010
C237	Water level	2.92
C235	Water-level measurement date	19701013
C237	Water level	2.84
C235	Water-level measurement date	19701020
C237	Water level	3.46

C001	**Site ID (station number)**	**603511151133003**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603511
C010	Longitude	1511330
C011	Lat-long accuracy code	T
C012	Local well number	SB00601128BBDA3 001
C013	Land-net location	SENWNWS28 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	100.00
C017	Method altitude determined	M
C018	Altitude accuracy	50
C019	Topographic setting	T
C020	Hydrologic unit code	19020302
C021	Date well constructed	19700101
C023	Primary use of site	T
C024	Primary use of water	U
C027	Hole depth	11.3

C028	Depth of well	11.3
C030	Water level	3.48
C031	Date water level measured	19701020
C034	Method water level measured	S
C900	Station name	SB00601128BBDA3 001
C060	Date of construction	1970
C063	Name of contractor	USGS
C064	Source of construction data	S
C065	Method of construction	B
C066	Type of finish	P
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
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	11.3
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	7.00
C084	Depth to bottom of this open interval	11.3
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	19701228
C323	Height of this measuring point	3.00
C766	Record type for MPNT subrecord of CONS file	MPNT
C159	Date of ownership	1970
C161	Owner	USGS KENAI
C190	Other identifier	10883
C191	Assignor of other identifier	AKRG
C181	Other data type	DAILY VALU
C182	Other data location	D
C261	Format of other data	M
C115	Begin year of data collection	1970
C116	End year of data collection	1974
C117	Source agency for network data	USGS
C118	Frequency of data collection	C
C706	Network data type -miscellaneous	WL
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1975
C116	End year of data collection	1979
C117	Source agency for network data	USGS
C118	Frequency of data collection	C
C706	Network data type -miscellaneous	WL

C001	**Site ID (station number)**	**603523151195301**
C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603517
C010	Longitude	1511948
C011	Lat-long accuracy code	T
C012	Local well number	SB00601226ABBD1 002
C013	Land-net location	NWNWNES26 T006N R012W S
C014	Name of location map	KENAI C-4SW KR01
C015	Scale of location map	25000
C016	Altitude of land surface	90
C017	Method altitude determined	M
C018	Altitude accuracy	10
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C021	Date well constructed	19720731
C023	Primary use of site	W

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

C201	Depth to bottom of logged interval	88.0
C202	Source of log data	D
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
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	DRY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	20
C092	Depth to bottom of interval	51
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	RUSTY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	51
C092	Depth to bottom of interval	80
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	Depth to bottom of interval	81
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR,CLEAN
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	81
C092	Depth to bottom of interval	84
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR,W/COAL,DIRTY
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	84
C092	Depth to bottom of interval	88
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR,CLEAN
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	88
C093	Aquifer code	110QRNR
C096	Lithology code	SILT
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19720731
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19720731
C095	Aquifer date -geo	19720731
C126	Aquifer-static-level	66
C001	**Site ID (station number)**	**603504151181201**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
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	C
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
C150	Discharge	146
C151	Source of discharge data	R
C153	Production level	37.0
C154	Static water level	20.0

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
C202	Source of log data	R
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	O
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	O
C120	Type of analyses - QW network	B
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	O
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
C118	Frequency of data collection	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
C096	Lithology code	SAND
C097	Description of material	GRAVELLY
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

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

C083	Depth to top of this open interval	85.0
C084	Depth to bottom of this open interval	90.0
C085	Type of openings in this interval	R
C086	Material in this interval	R
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
C323	Height of this measuring point	2.40
C148	Date discharge measured	19690326
C150	Discharge	140
C151	Source of discharge data	R
C153	Production level	61.0
C154	Static water level	25.0
C155	Source of water-level data	R
C157	Duration of discharge before producing level	5.0
C272	Specific capacity -disch	3.89
C309	Water-level drawdown	36.0
C703	Discharge type	P
C159	Date of ownership	195709
C161	Owner	WILDWOOD STA 5
C190	Other identifier	10518
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C190	Other identifier	NO.05
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	90.0
C202	Source of log data	R
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	O
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	1957
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	55.0
C092	Depth to bottom of interval	75.0
C093	Aquifer code	112NPTN
C096	Lithology code	SAND
C097	Description of material	SILTY
C304	Contributing unit	U
C721	Sequence number for GEOH subrecord of GEOH file	1
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	75.0
C092	Depth to bottom of interval	90.0
C093	Aquifer code	112NPTN
C096	Lithology code	SAND
C097	Description of material	SILTY
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19690326
C126	Aquifer-static-level	26.0
C132	Aquifer contribution	100
C750	Record type for AQFR subrecord of GEOH file	AQFR
C235	Water-level measurement date	19570918

C237	Water level	19
C276	Accuracy code	0
C235	Water-level measurement date	19690326
C237	Water level	25
C276	Accuracy code	0

C001 Site ID (station number) **603500151180001**

C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C006	District code	02
C007	State code	02
C009	Latitude	603500
C010	Longitude	1511800
C011	Lat-long accuracy code	T
C012	Local well number	SB00601225ACDB1 001
C013	Land-net location	SESWNES25 T006N R012W 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	A
C900	Station name	SB00601225ACDB1 001
C060	Date of construction	195207
C063	Name of contractor	UNKNOWN
C064	Source of construction data	R
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	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	Frequency of data collection	I
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
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	O
C120	Type of analyses - QW network	B
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
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	O
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C091	Depth to top of interval	81.0
C092	Depth to bottom of interval	83.9
C093	Aquifer code	112NPTN
C096	Lithology code	SDGL
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	195207
C126	Aquifer-static-level	12.0
C132	Aquifer contribution	100

C001	**Site ID (station number)**	**603500151180002**
C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603500
C010	Longitude	1511800
C011	Lat-long accuracy code	T
C012	Local well number	SB00601225ACDB2 001
C013	Land-net location	SESWNES25 T006N R012W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	86.90
C017	Method altitude determined	L
C018	Altitude accuracy	.1
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C021	Date well constructed	19550301
C023	Primary use of site	W
C024	Primary use of water	P
C027	Hole depth	650
C028	Depth of well	95.0
C030	Water level	28.0
C031	Date water level measured	19550811
C033	Source of water-level data	A
C034	Method water level measured	A
C803	Agency use of site code	A
C900	Station name	SB00601225ACDB2 001
C060	Date of construction	195503
C063	Name of contractor	PENN-JERSEY
C064	Source of construction data	A
C066	Type of finish	S
C068	Depth to bottom of seal	0
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	650
C075	Diameter of this interval	10.0
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	.00
C079	Diameter of this casing string	10.0

C083	Depth to top of this open interval	246
C084	Depth to bottom of this open interval	266
C085	Type of openings in this interval	R
C086	Material in this interval	R
C087	Diameter of this open interval	10.0
C088	Width of openings	.012
C083	Depth to top of this open interval	266
C084	Depth to bottom of this open interval	270
C085	Type of openings in this interval	R
C086	Material in this interval	R
C087	Diameter of this open interval	10.0
C088	Width of openings	.020
C760	Record type for OPEN subrecord of CONS file	OPEN
C083	Depth to top of this open interval	270
C084	Depth to bottom of this open interval	276
C085	Type of openings in this interval	R
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
C159	Date of ownership	195504
C161	Owner	WILDWOOD STA 4
C190	Other identifier	10643
C191	Assignor of other identifier	AKRG
C190	Other identifier	4
C191	Assignor of other identifier	USCE
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C187	Date of visit	19700127
C188	Person who made visit	KLEPPER R
C774	Record type for VIST subrecord of MISC file	VIST
C187	Date of visit	19600321
C188	Person who made visit	CRANDELL G
C187	Date of visit	19570715
C193	Date of water-quality measurement	19600321
C195	Aquifer sampled	112NPTN
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	97.0
C201	Depth to bottom of logged interval	650
C202	Source of log data	A
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	O
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
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	O
C120	Type of analyses - QW network	B
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	O
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	1970
C117	Source agency for network data	USGS
C118	Frequency of data collection	I

C706	Network data type -miscellaneous	WL
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	Aquifer 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	110QRNR
C096	Lithology code	CLAY
C097	Description of material	TILL,SILTY
C304	Contributing unit	U
C095	Aquifer date -geo	19550811
C126	Aquifer-static-level	28.0
C132	Aquifer contribution	100
C235	Water-level measurement date	195207
C237	Water level	22
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
C235	Water-level measurement date	19700126
C237	Water level	32

C001	**Site ID (station number)**	**603458151192301**
C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603458
C010	Longitude	1511919
C011	Lat-long accuracy code	T
C012	Local well number	SB00601226ADDC1 001
C013	Land-net location	SESENES26 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	M
C018	Altitude accuracy	5
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C021	Date well constructed	19530101
C023	Primary use of site	W
C024	Primary use of water	C
C027	Hole depth	160
C028	Depth of well	160
C040	Date site record last updated	19930709
C900	Station name	SB00601226ADDC1 001
C060	Date of construction	1955
C063	Name of contractor	SAFELY DRL
C064	Source of construction data	O
C068	Depth to bottom of seal	0
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	160

C075	Diameter of this interval	6.00
C159	Date of ownership	195301
C161	Owner	FRONTIER BAR
C190	Other identifier	10523
C191	Assignor of other identifier	AKRG
C187	Date of visit	19700703
C188	Person who made visit	ANDERSON G
C187	Date of visit	19660902
C188	Person who made visit	MEINZ L
C193	Date of water-quality measurement	19700730
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	6.0
C193	Date of water-quality measurement	19660902
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	12.0
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	O
C120	Type of analyses - QW network	A
C706	Network data type -miscellaneous	QW
C115	Begin year of data collection	1970
C116	End year of data collection	1970
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C184	Remark-date	19790917
C185	Remarks -misc	1 EXACT DATE CONSTR/OWNERSHIP
C185	Remarks -misc	2 UNKNOWN

C001	**Site ID (station number)**	**603452151185901**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603452
C010	Longitude	1511859
C011	Lat-long accuracy code	F
C012	Local well number	SB00601225CBBC1 009
C013	Land-net location	NWNWSWS25 T006N R012W S
C014	Name of location map	KENAI C-4SW KR01
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	19840810
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	78
C028	Depth of well	78
C029	Source of depth data	D
C030	Water level	51
C031	Date water level measured	19840810
C033	Source of water-level data	D
C034	Method water level measured	R
C714	Aquifer code	110QRNR
C900	Station name	SB00601225CBBC1 009
C060	Date of construction	19840810
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	D
C065	Method of construction	A
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	78
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	73
C079	Diameter of this casing string	6
C080	Casing material	S
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	73
C084	Depth to bottom of this open interval	78
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	19840810
C150	Discharge	50
C151	Source of discharge data	D
C152	Method discharge measured	R
C703	Discharge type	P
C159	Date of ownership	19840810
C161	Owner	WHITE WILLIAM
C190	Other identifier	L04B03
C191	Assignor of other identifier	BLACK GOLD EST
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	78
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	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
C097	Description of material	TOPSOIL & CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	2
C092	Depth to bottom of interval	15
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	15
C092	Depth to bottom of interval	45
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	W/LAYERS OF SDGL DRLR RPTS
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	45
C092	Depth to bottom of interval	53
C093	Aquifer code	110QRNR
C096	Lithology code	SDST
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	53
C092	Depth to bottom of interval	58
C093	Aquifer code	110QRNR
C096	Lithology code	SDST
C097	Description of material	WET
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH

C091	Depth to top of interval	58
C092	Depth to bottom of interval	70
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WET,CLEAN
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	70
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
C095	Aquifer date -geo	19840810
C126	Aquifer-static-level	51

C001	**Site ID (station number)**	**603450151180501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603450
C010	Longitude	1511805
C011	Lat-long accuracy code	T
C012	Local well number	SB00601225DBAC1 005
C013	Land-net location	NENWSES25 T006N R012W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	83.00
C017	Method altitude determined	M
C018	Altitude accuracy	5
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C023	Primary use of site	W
C024	Primary use of water	P
C027	Hole depth	268
C028	Depth of well	268
C033	Source of water-level data	D
C803	Agency use of site code	A
C900	Station name	SB00601225DBAC1 005
C060	Date of construction	1965
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
C073	Depth to top of this interval	.00
C074	Depth to bottom of this interval	268
C075	Diameter of this interval	6.00
C756	Record type for HOLE subrecord of CONS file	HOLE
C150	Discharge	51.0
C151	Source of discharge data	D
C152	Method discharge measured	E
C153	Production level	40.0
C154	Static water level	38.0
C155	Source of water-level data	D
C157	Duration of discharge before producing level	48.0
C272	Specific capacity -disch	25.5
C309	Water-level drawdown	2.00
C703	Discharge type	P
C159	Date of ownership	1965
C161	Owner	KILLEN MORRIS
C190	Other identifier	AD01
C191	Assignor of other identifier	MOMMSEN SUBD
C190	Other identifier	10520
C191	Assignor of other identifier	AKRG

C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	OTHER QW
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	D
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	268
C202	Source of log data	D
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	Frequency of data collection	O
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C115	Begin year of data collection	1972
C116	End year of data collection	1972
C117	Source agency for network data	USGS
C118	Frequency of data collection	I
C120	Type of analyses - QW network	M
C706	Network data type -miscellaneous	QW
C184	Remark-date	19790917
C185	Remarks -misc	1 DATES OF CONSTR/OWNERSHIP UNKNOWN
C091	Depth to top of interval	84.0
C092	Depth to bottom of interval	250
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	AND/SILT
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	250
C093	Aquifer code	110QRNR
C096	Lithology code	GRVL
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	1965
C126	Aquifer-static-level	38.0
C132	Aquifer contribution	100

C001	**Site ID (station number)**	**603450151185601**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603450
C010	Longitude	1511856
C011	Lat-long accuracy code	F
C012	Local well number	SB00601225CBBD1 010
C013	Land-net location	NWNWSWS25 T006N R012W S
C014	Name of location map	KENAI C-4SW KR01
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	19851108
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	79
C028	Depth of well	79
C029	Source of depth data	D
C030	Water level	51.2
C031	Date water level measured	19851108
C033	Source of water-level data	D

C034	Method water level measured	R
C900	Station name	SB00601225CBBD1 010
C060	Date of construction	19851108
C063	Name of contractor	NORTHLAND DR
C064	Source of construction data	D
C065	Method of construction	A
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	79
C075	Diameter of this interval	6
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
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	74
C084	Depth to bottom of this open interval	79
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	19851108
C150	Discharge	45
C151	Source of discharge data	D
C152	Method discharge measured	R
C702	Last update -disch	19900417
C703	Discharge type	P
C159	Date of ownership	19851108
C161	Owner	BYFORD BILLY
C190	Other identifier	L07B03
C191	Assignor of other identifier	BLACK GOLD EST
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	79
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C184	Remark-date	19851108
C185	Remarks -misc	DRLR RPTS NO WELL GROUTING USED
C091	Depth to top of interval	0
C092	Depth to bottom of interval	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
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	2
C092	Depth to bottom of interval	12
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	12
C092	Depth to bottom of interval	40
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	SAND W/GRVL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	40
C092	Depth to bottom of interval	60
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	60
C092	Depth to bottom of interval	72
C093	Aquifer code	110QRNR
C096	Lithology code	SDCL
C097	Description of material	W/SILT
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	72
C092	Depth to bottom of interval	78
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	CLEAN
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	78
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	CLEAN SAND&LTTL GRVL
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19851108
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19851108

C001	**Site ID (station number)**	**603443151183902**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603443
C010	Longitude	1511839
C011	Lat-long accuracy code	T
C012	Local well number	SB00601225CACC2 008
C013	Land-net location	SWNESWS25 T006N T012W 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	M
C018	Altitude accuracy	5
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C021	Date well constructed	1967
C023	Primary use of site	W
C024	Primary use of water	P
C027	Hole depth	70.0
C028	Depth of well	70.0
C803	Agency use of site code	A
C900	Station name	SB00601225CACC2 008
C159	Date of ownership	196709
C161	Owner	WOODLAND ESTATES
C190	Other identifier	10887
C191	Assignor of other identifier	AKRG
C115	Begin year of data collection	1970
C116	End year of data collection	1971
C117	Source agency for network data	USGS
C118	Frequency of data collection	A
C120	Type of analyses - QW network	M
C706	Network data type -miscellaneous	QW
C184	Remark-date	19790917
C185	Remarks -misc	1 EXACT DATE CONSTR/OWNERSHIP
C185	Remarks -misc	2 UNKNOWN

C001	**Site ID (station number)**	**603440151190001**
C002	Type of site	W
C003	Record classification	C
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	M
C018	Altitude accuracy	5
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C023	Primary use of site	W
C024	Primary use of water	P
C025	Secondary use of water	C
C027	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
C161	Owner	SID TROPHY ROOM
C190	Other identifier	10521
C191	Assignor of other identifier	AKRG
C181	Other data type	QW
C182	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
C776	Record type for QUAL subrecord of MISC file	QUAL
C193	Date of water-quality measurement	19680606
C196	Water-quality parameter code	00095
C197	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	O

C120	Type of analyses - QW network	A
C706	Network data type -miscellaneous	QW
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	O
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C115	Begin year of data collection	1969
C116	End year of data collection	1969
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	C
C706	Network data type -miscellaneous	QW
C184	Remark-date	19791208
C185	Remarks -misc	1 EXACT DATE OF CONSTR/OWNERHSIP
C185	Remarks -misc	2 UNKNOWN
C185	Remarks -misc	3 HACH FIELD TESTS:IRON=300UG/L,PH=8.0

C001 Site ID (station number) 603436151184501

C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603436
C010	Longitude	1511840
C011	Lat-long accuracy code	T
C012	Local well number	SB00601225CDCB1 007
C013	Land-net location	SWSESWS25 T006N R012W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	79.00
C017	Method altitude determined	M
C018	Altitude accuracy	5
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C023	Primary use of site	W
C024	Primary use of water	P
C025	Secondary use of water	C
C027	Hole depth	180
C028	Depth of well	180
C803	Agency use of site code	A
C900	Station name	SB00601225CDCB1 007
C038	Date lift data collected	19670919
C043	Type of lift	S
C045	Type of power	E
C046	Horsepower rating	3.00
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	1961
C063	Name of contractor	UNKNOWN
C064	Source of construction data	R
C065	Method of construction	C
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	180
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	.00
C078	Depth to bottom of this casing string	170
C079	Diameter of this casing string	6.00
C080	Casing material	I
C758	Record type for CSNG subrecord of CONS file	CSNG
C159	Date of ownership	1961

C161	Owner	THOMAS CARL J
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
C193	Date of water-quality measurement	19670919
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	6.5
C776	Record type for QUAL subrecord of MISC file	QUAL
C115	Begin year of data collection	1967
C116	End year of data collection	1967
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW
C185	Remarks -misc	1 EXACT DATE OF CONSTR/OWNERSHIP
C185	Remarks -misc	2 UNKNOWN
C311	Sequence number for RMKS subrecord of MISC file	2

C001 Site ID (station number) **603434151170801**

C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C005	Project number	KENAI GRJ
C009	Latitude	603434
C010	Longitude	1511708
C011	Lat-long accuracy code	F
C012	Local well number	SB00601130CCDB1 005
C013	Land-net location	SESWSWS30 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	197007
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	44
C028	Depth of well	44
C029	Source of depth data	O
C030	Water level	23
C031	Date water level measured	197007
C033	Source of water-level data	O
C034	Method water level measured	R
C900	Station name	SB00601130CCDB1 005
C060	Date of construction	197007
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	O
C066	Type of finish	O
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	44
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	44
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C321	Begin date for use of this measuring point	19910814
C323	Height of this measuring point	.20
C324	Description of this measuring point	TOP OF CASING
C766	Record type for MPNT subrecord of CONS file	MPNT

C159	Date of ownership	197007
C161	Owner	PARSONS RUTH
C190	Other identifier	TR01
C191	Assignor of other identifier	PARSONS HMSTD
C187	Date of visit	19910813
C188	Person who made visit	GLASS R
C774	Record type for VIST subrecord of MISC file	VIST
C115	Begin year of data collection	1991
C116	End year of data collection	1991
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	C
C257	Primary network	3
C307	Agency that analyzes samples	USGS
C706	Network data type -miscellaneous	QW
C708	Network secondary -misc	4
C184	Remark-date	19910813
C185	Remarks -misc	R GLASS COULD NOT GET WL BOLT TO TIGHT
C311	Sequence number for RMKS subrecord of MISC file	1
C788	Record type for RMKS subrecord of MISC file	RMKS
C185	Remarks -misc	OWNR RPTS QW 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

C001	**Site ID (station number)**	**603429151180301**
C002	Type of site	X
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603429
C010	Longitude	1511803
C011	Lat-long accuracy code	F
C012	Local well number	SB00601236ABBA1 004
C013	Land-net location	NWNWNES36 T006N R012W S
C014	Name of location map	KENAI C-4SE KR01
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	1986
C023	Primary use of site	O
C024	Primary use of water	U
C027	Hole depth	65
C028	Depth of well	65
C029	Source of depth data	R
C030	Water level	32
C031	Date water level measured	19860108
C033	Source of water-level data	G
C034	Method water level measured	R
C900	Station name	SB00601236ABBA1 004
C060	Date of construction	1986
C063	Name of contractor	UNKNOWN
C064	Source of construction data	G
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	65
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	60
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 60
C084 Depth to bottom of this open interval 65
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
C161 Owner KENAI P B KENAI LANDFILL
C190 Other identifier PKL 3
C191 Assignor of other identifier KENAI LANDFILL
C190 Other identifier PKL 3
C191 Assignor of other identifier TEST WELL 3
C190 Other identifier TEST 3
C191 Assignor of other identifier KENAI LANDFILL
C190 Other identifier UNCONSOL
C191 Assignor of other identifier UNCONFINED
C181 Other data type JAN 1986 ANALYTICAL REPORT
C181 Other data type ANALYTICAL REPORT APIRL
C199 Type of log G
C200 Depth to top of logged interval 0
C201 Depth to bottom of logged interval 65
C202 Source of log data R
C778 Record type for LOGS subrecord of MISC file LOGS
C091 Depth to top of interval 0
C092 Depth to bottom of interval 3
C093 Aquifer code 110QRNR
C096 Lithology code CLAY
C097 Description of material GENERALLY SILTY
C304 Contributing unit N
C748 Record type for GEOH subrecord of GEOH file GEOH
C091 Depth to top of interval 3
C092 Depth to bottom of interval 39
C093 Aquifer code 110QRNR
C096 Lithology code SAND
C097 Description of material GENERALLY FN INTERBEDDED W/THIN LAYERS OF SILT&GRVL,LIGNITE FRAGMENTS&STAINS OF IRON OXIDE DO OCCUR
C304 Contributing unit U
C748 Record type for GEOH subrecord of GEOH file GEOH
C091 Depth to top of interval 39
C092 Depth to bottom of interval 44
C093 Aquifer code 110QRNR
C096 Lithology code SAND
C097 Description of material GENERALLY MEDIUM-CRS,COAL VEIN @40FT
C304 Contributing unit U
C748 Record type for GEOH subrecord of GEOH file GEOH
C091 Depth to top of interval 44
C092 Depth to bottom of interval 46
C093 Aquifer code 110QRNR
C096 Lithology code SAND
C097 Description of material GENERALLY SITLY
C304 Contributing unit U
C748 Record type for GEOH subrecord of GEOH file GEOH
C091 Depth to top of interval 46
C093 Aquifer code 110QRNR
C096 Lithology code SDGL
C097 Description of material MEDIUM-CRS,W/SILT LENSES
C304 Contributing unit P
C748 Record type for GEOH subrecord of GEOH file GEOH
C095 Aquifer date -geo 1986
C126 Aquifer-static-level 32

C001 Site ID (station number) 603423151180901

C002 Type of site W
C003 Record classification U

C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603423
C010	Longitude	1511809
C011	Lat-long accuracy code	F
C012	Local well number	SB00601236ABCB1 002
C013	Land-net location	SWNWNES36 T006N R012W S
C014	Name of location map	KENAI C-4SE KR01
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	1986
C023	Primary use of site	O
C024	Primary use of water	U
C027	Hole depth	71
C028	Depth of well	70
C029	Source of depth data	R
C030	Water level	38.8
C031	Date water level measured	19860108
C034	Method water level measured	R
C900	Station name	SB00601236ABCB1 002
C060	Date of construction	1986
C063	Name of contractor	UNKNOWN
C064	Source of construction data	G
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	71
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-1.5
C078	Depth to bottom of this casing string	65
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	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
C161	Owner	KENAI P B KENAI LANDFILL
C190	Other identifier	PKL 2
C191	Assignor of other identifier	KENAI LANDFILL
C190	Other identifier	PKL 2
C191	Assignor of other identifier	KENAI LANDFILL
C190	Other identifier	TEST WELL 1
C191	Assignor of other identifier	KENAI LANDFILL
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C181	Other data type	1-1986 ANALYTICAL REPORT
C181	Other data type	4-1986 ANALYTICAL REPORT
C199	Type of log	G
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	71
C202	Source of log data	R
C778	Record type for LOGS subrecord of MISC file	LOGS
C091	Depth to top of interval	0
C092	Depth to bottom of interval	3
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	GENERALLY STLY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH

C091	Depth to top of interval	3
C092	Depth to bottom of interval	39
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material GENERAL FN,W/THIN LAYERS OF SILT&GRVL,LIGNITE FRAGMENTS &STAINS OF IRON OXIDE DO OCCUR,WET@36FT	
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	39
C092	Depth to bottom of interval	57
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	GENERALLY FN-MEDIUM,W/SILT LENSES
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	57
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	GENERALLY MEDIUM-CRS W/LIGMENT FRAGMENTS
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	1986
C126	Aquifer-static-level	38.8

C001	**Site ID (station number)**	**603420151161401**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603420
C010	Longitude	1511614
C011	Lat-long accuracy code	F
C012	Local well number	SB00601131ABDC1 013
C013	Land-net location	SENWNES31 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
C016	Altitude of land surface	86
C017	Method altitude determined	M
C018	Altitude accuracy	5
C020	Hydrologic unit code	19020302
C021	Date well constructed	19850808
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	30
C028	Depth of well	30
C029	Source of depth data	D
C030	Water level	18
C031	Date water level measured	19850808
C033	Source of water-level data	D
C034	Method water level measured	R
C900	Station name	SB00601131ABDC1 013
C060	Date of construction	19850808
C063	Name of contractor	NORTHLAND DR
C064	Source of construction data	D
C065	Method of construction	A
C066	Type of finish	O
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	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	30
C079	Diameter of this casing string	6

C758	Record type for CSNG subrecord of CONS file	CSNG
C148	Date discharge measured	19850808
C150	Discharge	10
C151	Source of discharge data	D
C152	Method discharge measured	R
C703	Discharge type	P
C159	Date of ownership	19850808
C161	Owner	FOX GEORGE
C190	Other identifier	L05B0M
C191	Assignor of other identifier	WOODLAND PART 2
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	30
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C185	Remarks -misc	DRLR RPTS NO GROUTING USED
C788	Record type for RMKS subrecord of MISC file	RMKS
C091	Depth to top of interval	0
C092	Depth to bottom of interval	1
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
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
C092	Depth to bottom of interval	18
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	18
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	WATER
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19850808
C126	Aquifer-static-level	18
C132	Aquifer contribution	100
C750	Record type for AQFR subrecord of GEOH file	AQFR

C001	**Site ID (station number)**	**603413151105501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603413
C010	Longitude	1511055
C011	Lat-long accuracy code	T
C012	Local well number	SB00601134ACAC1 004
C013	Land-net location	NESWNES34 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	85.00
C017	Method altitude determined	M
C018	Altitude accuracy	10
C019	Topographic setting	T
C020	Hydrologic unit code	19020302
C021	Date well constructed	19660101
C023	Primary use of site	W
C024	Primary use of water	T
C027	Hole depth	20.0
C028	Depth of well	20.0

C803	Agency use of site code	A
C900	Station name	SB00601134ACAC1 004
C043	Type of lift	J
C045	Type of power	E
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	1966
C063	Name of contractor	UNKNOWN
C064	Source of construction data	R
C065	Method of construction	V
C066	Type of finish	T
C068	Depth to bottom of seal	0
C754	Record type for CONS subrecord of CONS file	CONS
C159	Date of ownership	1966
C161	Owner	CHURCH/CHRIST EAST KENAI
C190	Other identifier	10488
C191	Assignor of other identifier	AKRG
C193	Date of water-quality measurement	19660906
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	11.0
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	O
C120	Type of analyses - QW network	A
C706	Network data type -miscellaneous	QW
C184	Remark-date	19790917
C185	Remarks -misc	1 DATE OF CONSTR/OWNERSHIP UNKNOWN
C185	Remarks -misc	2 DEPTH UNCERTAIN

C001 Site ID (station number) **603412151104601**

C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI SCK
C009	Latitude	603412
C010	Longitude	1511046
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134ADBC1 021
C013	Land-net location	NWSENES34 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	19801201
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	42
C028	Depth of well	42
C029	Source of depth data	D
C030	Water level	14
C031	Date water level measured	1985
C033	Source of water-level data	O
C034	Method water level measured	R
C900	Station name	SB00601134ADBC1 021
C060	Date of construction	19801201
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	42

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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             40
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                40
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
C760   Record type for OPEN subrecord of CONS file       OPEN
C148   Date discharge measured                           19801201
C150   Discharge                                         12
C151   Source of discharge data                          D
C152   Method discharge measured                         R
C703   Discharge type                                    P
C159   Date of ownership                                 19801201
C161   Owner                                             HALL BRUCE
C159   Date of ownership                                 1985
C161   Owner                                             YRAGUI MARY JEAN
C768   Record type for OWNR subrecord of MISC file       OWNR
C190   Other identifier                                  L027
C191   Assignor of other identifier                      SECTION 34 LOTS
C190   Other identifier                                  UNCONSOL
C191   Assignor of other identifier                      UNCONFINED
C181   Other data type                          INSPECTION FOR WTR&SEWER SYS 1980
C182   Other data location                               D
C261   Format of other data                              F
C181   Other data type                            APPLICATION FOR WTR&SEWER SYS 1985
C182   Other data location                               D
C261   Format of other data                              F
C772   Record type for OTDT subrecord of MISC file       OTDT
C199   Type of log                                       D
C200   Depth to top of logged interval                   0
C201   Depth to bottom of logged interval                42
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                       6
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                          6
C092   Depth to bottom of interval                       22
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SAND
C097   Description of material                           W/WATER
C304   Contributing unit                                 S
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                          22
C092   Depth to bottom of interval                       24
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    COAL
C097   Description of material                           SOFT
C304   Contributing unit                                 U
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                          24
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
C095   Aquifer date -geo                                 1985
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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	U
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
C024	Primary use of water	H
C027	Hole depth	187
C028	Depth of well	187
C029	Source of depth data	D
C030	Water level	70
C031	Date water level measured	1975
C033	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	O
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
C151	Source of discharge data	D
C152	Method discharge measured	R
C153	Production level	98
C154	Static water level	70
C155	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

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C161   Owner                                          WHITE LISA
C768   Record type for OWNR subrecord of MISC file    OWNR
C190   Other identifier                               L045
C191   Assignor of other identifier                   SECTION 34 LOTS
C190   Other identifier                               UNCONSOL
C191   Assignor of other identifier                   CONFINED
C181   Other data type                  APPLICATION FOR WTR&SEWER SYS 1975
C182   Other data location                            D
C261   Format of other data                           F
C181   Other data type                APPLICATION FOR WTR&SEWER SYS 1986
C182   Other data location                            D
C261   Format of other data                           F
C772   Record type for OTDT subrecord of MISC file    OTDT
C181   Other data type             APPLICATION FOR WTR&SEWER SYS 1990
C182   Other data location                            D
C261   Format of other data                           F
C772   Record type for OTDT subrecord of MISC file    OTDT
C199   Type of log                                    D
C200   Depth to top of logged interval                       0
C201   Depth to bottom of logged interval                  187
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                           3
C093   Aquifer code                                   110QRNR
C096   Lithology code                                 GRVL
C097   Description of material                        W/SLTY SOIL
C304   Contributing unit                              N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                              3
C092   Depth to bottom of interval                          12
C093   Aquifer code                                   110QRNR
C096   Lithology code                                 SAND
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                             12
C092   Depth to bottom of interval                          28
C093   Aquifer code                                   110QRNR
C096   Lithology code                                 SAND
C097   Description of material                SURFACE WTR IN BRN SILTY SAND
C304   Contributing unit                              N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                             28
C092   Depth to bottom of interval                          32
C093   Aquifer code                                   110QRNR
C096   Lithology code                                 SAND
C097   Description of material                  WTR IN CLEAN MED FN SAND
C304   Contributing unit                              N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                             32
C092   Depth to bottom of interval                          39
C093   Aquifer code                                   110QRNR
C096   Lithology code                                 SAND
C097   Description of material                        WTR,SILTY
C304   Contributing unit                              N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                             39
C092   Depth to bottom of interval                          42
C093   Aquifer code                                   110QRNR
C096   Lithology code                                 CLAY
C097   Description of material                        SLTY GRAVELY
C304   Contributing unit                              N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                             42
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C092   Depth to bottom of interval                          43
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    GRVL
C097   Description of material                           WTR,SANDY PEA GRVL
C304   Contributing unit                                 N
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                             43
C092   Depth to bottom of interval                          44
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SAND
C097   Description of material                           WTR,SILTY
C304   Contributing unit                                 N
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                             44
C092   Depth to bottom of interval                          47
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    GRVL
C097   Description of material            CLEAN WTR,VR IRONY,HEAVING SANDY
C304   Contributing unit                                 N
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                             47
C092   Depth to bottom of interval                          54
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SDCL
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                             54
C092   Depth to bottom of interval                          58
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SDGL
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                             58
C092   Depth to bottom of interval                          71
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SDCL
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                             71
C092   Depth to bottom of interval                          81
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SDGL
C097   Description of material                           WB,SILTY
C304   Contributing unit                                 N
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                             81
C092   Depth to bottom of interval                          85
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SDGL
C097   Description of material                           WB,SILTY,LARGE GRAVEL
C304   Contributing unit                                 N
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                             85
C092   Depth to bottom of interval                          89
C093   Aquifer code                                      110QRNR
C096   Lithology code                                    SAND
C097   Description of material                           WB,SILTY
C304   Contributing unit                                 N
C748   Record type for GEOH subrecord of GEOH file       GEOH
C091   Depth to top of interval                             89
C092   Depth to bottom of interval                          90
C093   Aquifer code                                      110QRNR
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C096   Lithology code                                  CLAY
C097   Description of material                        SMALL LAYER
C304   Contributing unit                               N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                             90
C092   Depth to bottom of interval                          95
C093   Aquifer code                                    110QRNR
C096   Lithology code                                  SAND
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                             95
C092   Depth to bottom of interval                         110
C093   Aquifer code                                    110QRNR
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   Lithology code                                  SDGL
C097   Description of material                LARGE 2IN-4IN GRVL W/SILTY SAND
C304   Contributing unit                               N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                            111
C092   Depth to bottom of interval                         120
C093   Aquifer code                                    110QRNR
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                            120
C092   Depth to bottom of interval                         121
C093   Aquifer code                                    110QRNR
C096   Lithology code                                  GRDS
C097   Description of material                        WB,THIN LAYER,FN GRVL
C304   Contributing unit                               N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                            121
C092   Depth to bottom of interval                         130
C093   Aquifer code                                    110QRNR
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                            130
C092   Depth to bottom of interval                         133
C093   Aquifer code                                    110QRNR
C096   Lithology code                                  SAND
C097   Description of material                        SILTY FINE
C304   Contributing unit                               N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                            133
C092   Depth to bottom of interval                         134
C093   Aquifer code                                    110QRNR
C096   Lithology code                                  SDST
C097   Description of material                        HEAVING
C304   Contributing unit                               N
C748   Record type for GEOH subrecord of GEOH file    GEOH
C091   Depth to top of interval                            134
C092   Depth to bottom of interval                         145
C093   Aquifer code                                    110QRNR
C096   Lithology code                                  SILT
C097   Description of material                        HARD DRY
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C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	145
C092	Depth to bottom of interval	170
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	170
C093	Aquifer code	110QRNR
C096	Lithology code	SDCL
C097	Description of material	WB,SILTY CLAY
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	1975
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
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
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
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
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
C126	Aquifer-static-level	70
C001	**Site ID (station number)**	**603416151180901**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603416
C010	Longitude	1511809
C011	Lat-long accuracy code	F
C012	Local well number	SB00601236ACBB1 003
C013	Land-net location	NWSWNES36 T006N R012W S
C014	Name of location map	KENAI C-4SE KR01
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	1986
C023	Primary use of site	O
C024	Primary use of water	U
C027	Hole depth	69
C028	Depth of well	68.5
C029	Source of depth data	R
C030	Water level	41.4
C031	Date water level measured	19860108
C033	Source of water-level data	G
C034	Method water level measured	R
C900	Station name	SB00601236ACBB1 003

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

C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	61.5
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	GENERALLY CRS,W/SILT LENSES,LIGNITE FRAGMENTS PRESENT
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	1986
C126	Aquifer-static-level	41.4

C001	**Site ID (station number)**	**603405151100301**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603405
C010	Longitude	1511003
C011	Lat-long accuracy code	F
C012	Local well number	SB00601135BCDC1 002
C013	Land-net location	SESWNWS35 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	19490305
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	27
C028	Depth of well	27
C029	Source of depth data	O
C030	Water level	10
C031	Date water level measured	19781228
C033	Source of water-level data	O
C034	Method water level measured	R
C900	Station name	SB00601135BCDC1 002
C159	Date of ownership	19490305
C161	Owner	COLE MALCOM&GRACE
C190	Other identifier	L0F
C191	Assignor of other identifier	COLE SUB
C190	Other identifier	040091
C191	Assignor of other identifier	ADL
C181	Other data type	WATER RIGHTS CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	19490305
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE

C001	**Site ID (station number)**	**603406151120301**
C002	Type of site	W
C003	Record classification	M
C004	Source agency code	USGS
C005	Project number	KENAI SLK
C009	Latitude	603406
C010	Longitude	1511203
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134BCCC1 023
C013	Land-net location	SWSWNWS34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR3
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	1976
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	30
C028	Depth of well	30
C029	Source of depth data	O
C900	Station name	SB00601134BCCC1 023
C060	Date of construction	1976
C063	Name of contractor	UNKNOWN
C064	Source of construction data	O
C066	Type of finish	T
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	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	0
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C159	Date of ownership	1976
C161	Owner	MATTSON WILLIAM
C159	Date of ownership	1980
C161	Owner	WALSH JACK
C768	Record type for OWNR subrecord of MISC file	OWNR
C190	Other identifier	L03
C191	Assignor of other identifier	KEITH SUB
C181	Other data type	APPLICATION FOR WTR&SEWER SYS 1976
C182	Other data location	D
C261	Format of other data	F
C181	Other data type	INSPECTION FOR WTR&SEWER SYS 1980
C182	Other data location	D
C261	Format of other data	F
C772	Record type for OTDT subrecord of MISC file	OTDT
C185	Remarks -misc	ALL INFO FROM WTR&SEWER APP
C788	Record type for RMKS subrecord of MISC file	RMKS
C184	Remark-date	19760517
C185	Remarks -misc	WELL UNDER HOUSE SURVEYOR RPTS

C001	**Site ID (station number)**	**603406151123501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603406
C010	Longitude	1511235
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133ACDD1 011
C013	Land-net location	SESWNES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	19871016
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	36
C028	Depth of well	36
C029	Source of depth data	D
C030	Water level	5
C031	Date water level measured	19871016
C033	Source of water-level data	D
C034	Method water level measured	R
C900	Station name	SB00601133ACDD1 011

C060	Date of construction	19871016
C063	Name of contractor	NORTHLAND DR
C064	Source of construction data	D
C065	Method of construction	A
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	36
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	32
C079	Diameter of this casing string	6
C080	Casing material	S
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	32
C084	Depth to bottom of this open interval	36
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	19871016
C150	Discharge	20
C151	Source of discharge data	D
C152	Method discharge measured	R
C157	Duration of discharge before producing level	4
C703	Discharge type	P
C159	Date of ownership	19871016
C161	Owner	SATHER JOHN
C190	Other identifier	L08B
C191	Assignor of other identifier	THUMBLINA SUB
C190	Other identifier	L08
C191	Assignor of other identifier	SECTION 33 LOTS
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	36
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C184	Remark-date	19871016
C185	Remarks -misc	DRLR RPTS NO WELL GROUTING USED
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	0
C092	Depth to bottom of interval	3
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
C097	Description of material	SANDY CLAY-TOPSOIL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	3
C092	Depth to bottom of interval	30
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	BROWN
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	30
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	SAND-LOG UNREADABLE
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19871016

C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19871016
C126	Aquifer-static-level	20
C001	**Site ID (station number)**	**603405151120201**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	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	M
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	H
C027	Hole depth	32
C028	Depth of well	32
C029	Source of depth data	D
C030	Water level	8
C031	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	HOLE
C077	Depth to top of this casing string	-1
C078	Depth to bottom of this casing string	29
C079	Diameter of this casing string	6
C081	Wall thickness of this casing	.025
C758	Record type for CSNG subrecord of CONS file	CSNG
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
C156	Method water level measured	R
C272	Specific capacity -disch	2.09
C309	Water-level drawdown	8
C702	Last update -disch	19930616
C703	Discharge type	P
C159	Date of ownership	19840608

C161	Owner	BROECKEL DALE
C190	Other identifier	L05
C191	Assignor of other identifier	KEITH SUB
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C181	Other data type	APPLICATION FOR SEWER&WATER 1984
C181	Other data type	WTR&SEWER INSPECTION RPTS
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
C092	Depth to bottom of interval	1
C093	Aquifer code	110QRNR
C096	Lithology code	GRVL
C097	Description of material	FILL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	1
C092	Depth to bottom of interval	10
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	10
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	19840608
C126	Aquifer-static-level	8

C001	**Site ID (station number)**	**603300151091501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C006	District code	02
C007	State code	02
C009	Latitude	603400
C010	Longitude	1510915
C011	Lat-long accuracy code	T
C012	Local well number	SB00601135DBBD2 001
C013	Land-net location	NWNWSES35 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	59.00
C017	Method altitude determined	M
C018	Altitude accuracy	5
C019	Topographic setting	C
C020	Hydrologic unit code	19020302
C021	Date well constructed	19700101
C023	Primary use of site	W
C024	Primary use of water	P
C027	Hole depth	287
C028	Depth of well	287
C030	Water level	-4.00
C031	Date water level measured	19700801
C033	Source of water-level data	S
C803	Agency use of site code	A
C900	Station name	SB00601135DBBD2 001
C060	Date of construction	1970
C063	Name of contractor	UNKNOWN

C064	Source of construction data	S
C065	Method of construction	C
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	O
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
C182	Other data location	D
C261	Format of other data	M
C181	Other data type	PSA
C182	Other data location	D
C261	Format of other data	P
C772	Record type for OTDT subrecord of MISC file	OTDT
C187	Date of visit	19700812
C188	Person who made visit	ANDERSON G
C774	Record type for VIST subrecord of MISC file	VIST
C193	Date of water-quality measurement	19700812
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	4.0
C776	Record type for QUAL subrecord of MISC file	QUAL

C193	Date of water-quality measurement	19761123
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	D
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	287
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	J
C200	Depth to top of logged interval	10.0
C201	Depth to bottom of logged interval	287
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	N
C200	Depth to top of logged interval	10.0
C201	Depth to bottom of logged interval	287
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	U
C200	Depth to top of logged interval	10.0
C201	Depth to bottom of logged interval	287
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
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	M
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1974
C116	End year of data collection	1974
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	M
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1976
C116	End year of data collection	1976
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	Z
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1977
C116	End year of data collection	1977
C117	Source agency for network data	USGS
C118	Frequency of data collection	I
C120	Type of analyses - QW network	Z
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
C184	Remark-date	19790917
C185	Remarks -misc	1 ANDERSON OPEN-FILE REPORT 1971
C788	Record type for RMKS subrecord of MISC file	RMKS
C091	Depth to top of interval	20.0
C092	Depth to bottom of interval	71.0
C093	Aquifer code	112NPTN
C096	Lithology code	SAND
C097	Description of material	GRVL
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	71.0
C092	Depth to bottom of interval	246
C093	Aquifer code	110QRNR

C096	Lithology code	CLAY
C097	Description of material	CEMT GRVL,F. SND
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	246
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	197008
C126	Aquifer-static-level	-4.00
C132	Aquifer contribution	100
C750	Record type for AQFR subrecord of GEOH file	AQFR
C100	Hydraulic unit id	110QRNR
C103	Hydraulic unit type	A
C104	Hydraulic remarks	112070,USGS LABORATORY GRAB SAMPLE
C744	Record type for HYDR subrecord of HYDR file	HYDR
C108	Horizontal conductivity	19.0
C109	Vertical conductivity	.000
C746	Record type for COEF subrecord of HYDR file	COEF

C001	**Site ID (station number)**	**603400151091701**
C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603400
C010	Longitude	1510917
C011	Lat-long accuracy code	T
C012	Local well number	SB00601135DBBD1 001
C013	Land-net location	NWNWSES35 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	60.00
C017	Method altitude determined	M
C018	Altitude accuracy	5
C019	Topographic setting	C
C020	Hydrologic unit code	19020302
C021	Date well constructed	19700520
C023	Primary use of site	O
C024	Primary use of water	U
C027	Hole depth	266
C028	Depth of well	240
C030	Water level	-3.50
C031	Date water level measured	19700520
C033	Source of water-level data	S
C034	Method water level measured	S
C803	Agency use of site code	A

C900	**Station name**	**SB00601135DBBD1 001**
C060	Date of construction	19700520
C063	Name of contractor	THORN DRL
C064	Source of construction data	S
C065	Method of construction	C
C066	Type of finish	P
C068	Depth to bottom of seal	0
C070	Hours of development	2
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	90.0
C075	Diameter of this interval	8.00
C756	Record type for HOLE subrecord of CONS file	HOLE
C073	Depth to top of this interval	90.0
C074	Depth to bottom of this interval	266
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	-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	Discharge	412
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
C181	Other data type	HYD DATA
C182	Other data location	D
C261	Format of other data	M
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	Z
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
C200	Depth to top of logged interval	.00
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
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS

C199	Type of log	N
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	227
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	U
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	231
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
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
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	1970
C116	End year of data collection	1978
C117	Source agency for network data	USGS
C118	Frequency of data collection	C
C706	Network data type -miscellaneous	WL
C780	Record type for NETW subrecord of MISC file	NETW
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
C185	Remarks -misc	3 ANDERSON OPEN-FILE REPORT 1971
C091	Depth to top of interval	212
C092	Depth to bottom of interval	241
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	YELLOW
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	241
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	FINE
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19700520
C126	Aquifer-static-level	-3.50
C132	Aquifer contribution	100
C750	Record type for AQFR subrecord of GEOH file	AQFR
C100	Hydraulic unit id	110QRNR
C101	Test interval -top	242
C102	Test interval -bottom	243
C103	Hydraulic unit type	A
C104	Hydraulic remarks	GRAB SAMPLE,REPACKED FOR TESTING
C305	Hydraulic source agency	P0
C744	Record type for HYDR subrecord of HYDR file	HYDR
C108	Horizontal conductivity	24.9
C109	Vertical conductivity	.000
C746	Record type for COEF subrecord of HYDR file	COEF

C001 Site ID (station number) **603401151110301**

C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603401
C010	Longitude	1511103
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134DBBA1 015

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	H
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	L0E
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

C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19811107
C126	Aquifer-static-level	10
C132	Aquifer contribution	100

C001	**Site ID (station number)**	**603400151105801**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603400
C010	Longitude	1511058
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134DBAC1 014
C013	Land-net location	NENWSES34 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	1989
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	20
C028	Depth of well	20
C029	Source of depth data	A
C900	Station name	SB00601134DBAC1 014
C159	Date of ownership	1989
C161	Owner	LATTA DUANE J&ALYCE
C190	Other identifier	L095
C191	Assignor of other identifier	GOVT LOTS
C190	Other identifier	040338-C
C191	Assignor of other identifier	ADL
C181	Other data type	WATER RIGHTS CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	1989
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE

C001	**Site ID (station number)**	**603400151112701**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C006	District code	02
C007	State code	02
C009	Latitude	603400
C010	Longitude	1511127
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CABD1 010
C013	Land-net location	NWNESWS34 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	1981
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	42
C028	Depth of well	42
C029	Source of depth data	A
C900	Station name	SB00601134CABD1 010
C159	Date of ownership	1981

C161	Owner	PETERS FRANK&JUDITH
C190	Other identifier	L090
C191	Assignor of other identifier	GOVT LOTS
C190	Other identifier	209327-C
C191	Assignor of other identifier	ADL
C181	Other data type	WATER RIGHTS CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	1981
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE

C001	**Site ID (station number)**	**603359151105701**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603359
C010	Longitude	1511057
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134DBAC2 014
C013	Land-net location	NENWSES34 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	19820518
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	43.0
C028	Depth of well	42
C029	Source of depth data	D
C030	Water level	10
C031	Date water level measured	19820518
C033	Source of water-level data	D
C034	Method water level measured	R
C040	Date site record last updated	19930709
C303	Date site record created	19900531
C900	Station name	SB00601134DBAC2 014
C060	Date of construction	19820518
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	D
C065	Method of construction	A
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	43.0
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
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	37
C084	Depth to bottom of this open interval	42
C085	Type of openings in this interval	R
C086	Material in this interval	R
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	19820518
C150	Discharge	30
C151	Source of discharge data	D
C152	Method discharge measured	R

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	Aquifer date -geo	19820518
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19820518
C126	Aquifer-static-level	10

C001	**Site ID (station number)**	**603354151070501**
C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603354
C010	Longitude	1510705
C011	Lat-long accuracy code	T
C012	Local well number	SB00601136DADC1 005
C013	Land-net location	SENESES36 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360

C016	Altitude of land surface	33.95
C017	Method altitude determined	L
C018	Altitude accuracy	.1
C019	Topographic setting	C
C020	Hydrologic unit code	19020302
C021	Date well constructed	19690715
C023	Primary use of site	T
C024	Primary use of water	U
C027	Hole depth	250
C028	Depth of well	240
C030	Water level	-29.3
C031	Date water level measured	19690714
C033	Source of water-level data	S
C034	Method water level measured	M
C803	Agency use of site code	A
C900	Station name	SB00601136DADC1 005
C060	Date of construction	19690715
C063	Name of contractor	THORN DRL
C064	Source of construction data	D
C065	Method of construction	C
C066	Type of finish	P
C068	Depth to bottom of seal	0
C069	Method of development	C
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	21.0
C075	Diameter of this interval	8.00
C756	Record type for HOLE subrecord of CONS file	HOLE
C073	Depth to top of this interval	21.0
C074	Depth to bottom of this interval	250
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	-1.00
C078	Depth to bottom of this casing string	21.0
C079	Diameter of this casing string	8.00
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	212
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	115
C084	Depth to bottom of this open interval	212
C085	Type of openings in this interval	P
C760	Record type for OPEN subrecord of CONS file	OPEN
C083	Depth to top of this open interval	212
C084	Depth to bottom of this open interval	240
C085	Type of openings in this interval	X
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
C766	Record type for MPNT subrecord of CONS file	MPNT
C148	Date discharge measured	19690715
C150	Discharge	500
C151	Source of discharge data	S
C152	Method discharge measured	O
C153	Production level	-12.1
C154	Static water level	-29.3
C155	Source of water-level data	S
C156	Method water level measured	M
C157	Duration of discharge before producing level	24.0
C272	Specific capacity -disch	29.0
C309	Water-level drawdown	17.2
C703	Discharge type	F
C159	Date of ownership	19690715

C161	Owner	KENAI CITY OF
C190	Other identifier	TW2
C191	Assignor of other identifier	BEAVER CREEK
C190	Other identifier	10682
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	HYD DATA
C182	Other data location	D
C261	Format of other data	M
C181	Other data type	PSA
C182	Other data location	D
C261	Format of other data	P
C187	Date of visit	19690724
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	Aquifer sampled	110QRNR
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	250
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	J
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	239
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	N
C200	Depth to top of logged interval	1.00
C201	Depth to bottom of logged interval	239
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	Q
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	238
C202	Source of log data	S
C778	Record type for LOGS subrecord of MISC file	LOGS
C115	Begin year of data collection	1969
C116	End year of data collection	1969
C117	Source agency for network data	USGS
C118	Frequency of data collection	I
C120	Type of analyses - QW network	M
C706	Network data type -miscellaneous	QW
C780	Record type for NETW subrecord of MISC file	NETW
C115	Begin year of data collection	1971
C116	End year of data collection	1971
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	B
C706	Network data type -miscellaneous	QW
C115	Begin year of data collection	1969
C116	End year of data collection	1971
C117	Source agency for network data	USGS
C118	Frequency of data collection	I
C706	Network data type -miscellaneous	WL
C184	Remark-date	19770909
C185	Remarks -misc	ANDERSON,OPEN-FILE REPORT 1971
C788	Record type for RMKS subrecord of MISC file	RMKS
C091	Depth to top of interval	50.0
C092	Depth to bottom of interval	115
C093	Aquifer code	110QRNR

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

C001	**Site ID (station number)**	**603359151111801**
C002	Type of site	X
C003	Record classification	U
C004	Source agency code	USGS

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
C015	Scale of location map	25000
C016	Altitude of land surface	82
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19811012
C023	Primary use of site	T
C024	Primary use of water	U
C027	Hole depth	13.5
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
C075	Diameter of this interval	6
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	TH06
C191	Assignor of other identifier	NORTHERN T LABS
C181	Other data type	INSPECTION FOR WTR&SEWER SYS 1987
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
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	Aquifer code	110QRNR
C096	Lithology code	SILT
C097	Description of material	SLGT MOIST W/TR SDGL,TAN,STIFF,OCC COBBLES,3FT DIA BLDR@9FT
C304	Contributing unit	U

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
C009	Latitude	603359
C010	Longitude	1511118
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CAAD2 018
C013	Land-net location	NENESWS34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
C015	Scale of location map	25000
C016	Altitude of land surface	82
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19811012
C023	Primary use of site	T
C027	Hole depth	12
C028	Depth of well	12
C029	Source of depth data	G
C030	Water level	9.5
C031	Date water level measured	19811012
C033	Source of water-level data	G
C034	Method water level measured	R
C714	Aquifer code	BEDROCK
C815	Locator sequence number	02
C900	Station name	SB00601134CAAD2 018
C060	Date of construction	19811012
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	12
C075	Diameter of this interval	6
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	TH05
C191	Assignor of other identifier	NORTHERN T LABS
C181	Other data type	INSPECTION FOR WTR&SEWER SYS 1987
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	12
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
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	2.5
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	2.5
C092	Depth to bottom of interval	9.9
C093	Aquifer code	110QRNR
C096	Lithology code	SILT

C097	Description of material	DRY W/TR SDGL,TAN,STIFF
C304	Contributing unit	U
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	U
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
C001	**Site ID (station number)**	**603358151120901**
C002	Type of site	W
C003	Record classification	U
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
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19820723
C023	Primary use of site	W
C024	Primary use of water	H
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	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	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

C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	19820723
C150	Discharge	12
C151	Source of discharge data	D
C152	Method discharge measured	B
C702	Last update -disch	19930607
C703	Discharge type	P
C159	Date of ownership	19820723
C161	Owner	HOPPHORS HARRY&ANDREWS JOHN
C159	Date of ownership	19820723
C161	Owner	ANDREWS JOHN&HOPPHORS HARRY
C768	Record type for OWNR subrecord of MISC file	OWNR
C190	Other identifier	L02
C191	Assignor of other identifier	JENNY LYNN SUB
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	APPLICATION FOR WTR&SEWER SYS 1982
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	30
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	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
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	2
C092	Depth to bottom of interval	12
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	12
C092	Depth to bottom of interval	25
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	W/WTR
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	25
C093	Aquifer code	110QRNR
C096	Lithology code	ROCK
C097	Description of material	LARGE
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19820723
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19820723
C126	Aquifer-static-level	7.5

C001	**Site ID (station number)**	**603357151115401**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603357
C010	Longitude	1511154
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CBCA1 011
C013	Land-net location	SWNWSWS34 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	1980
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	15
C028	Depth of well	15
C029	Source of depth data	A
C900	Station name	SB00601134CBCA1 011
C159	Date of ownership	1980
C161	Owner	MCRAE ALBERT&MARGARET
C190	Other identifier	L09B02
C191	Assignor of other identifier	KAKNU SUB
C190	Other identifier	040463-C
C191	Assignor of other identifier	ADL
C181	Other data type	WATER RIGHTS CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	1980
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE

C001	**Site ID (station number)**	**603358151125202**
C002	Type of site	E
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603358
C010	Longitude	1511252
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DBBD2 008
C013	Land-net location	NWNWSES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
C016	Altitude of land surface	86
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19860708
C023	Primary use of site	T
C024	Primary use of water	U
C027	Hole depth	12
C030	Water level	9.5
C031	Date water level measured	19860708
C033	Source of water-level data	R
C034	Method water level measured	R
C714	Aquifer code	110QRNR
C815	Locator sequence number	02
C900	Station name	SB00601133DBBD2 008
C060	Date of construction	19860708
C063	Name of contractor	UNKNOWN
C064	Source of construction data	R
C065	Method of construction	D
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	12
C075	Diameter of this interval	48
C756	Record type for HOLE subrecord of CONS file	HOLE
C159	Date of ownership	19860708
C161	Owner	BUCKINGHAM DAVID
C768	Record type for OWNR subrecord of MISC file	OWNR
C190	Other identifier	L01B01

C191	Assignor of other identifier	KARDINAL SUB
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	12
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C184	Remark-date	19860708
C185	Remarks -misc	HOLE DUG W/BACKHOE DIAM EST 48IN
C185	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	Remarks -misc	APPROX SAME DEPTH ADJACENT TO CSNG IN THE
C185	Remarks -misc	TEST HOLE.ONLY PETROL ODER NOTED SMELLED
C185	Remarks -misc	LIKE GEAR OIL @ABOUT 6IN DEPTH ACCORDING
C185	Remarks -misc	TO DAVE B.COULD BE FROM HIS PICKUP
C185	Remarks -misc	SEE ADEC-SCRO REPORT FOR MORE INFORMATION
C185	Remarks -misc	WELL CSNG OF WELL NOT IN GWSI DATA BASE
C091	Depth to top of interval	0
C092	Depth to bottom of interval	.5
C093	Aquifer code	110QRNR
C096	Lithology code	OTHR
C097	Description of material	GRVL FILL
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	1
C093	Aquifer code	110QRNR
C096	Lithology code	SILT
C097	Description of material	RED-BRN W/TRACE ORGANICS
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	1
C092	Depth to bottom of interval	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
C097	Description of material	TOPSOIL,OLIVE,SILT W/TRACE SAND&ORGANICS
C304	Contributing unit	N
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	Aquifer code	110QRNR
C096	Lithology code	SDST
C097	Description of material	OLIVE SANDY SILT
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	3.5
C092	Depth to bottom of interval	4
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	W/SM RUST COLOR&TRACE ORGANICS
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	4
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	OLIVE,CLEAN,COARSE
C304	Contributing unit	P

C001	**Site ID (station number)**	**603358151125201**
C002	Type of site	E
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603358
C010	Longitude	1511252

C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DBBD1 008
C013	Land-net location	NWNWSES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
C016	Altitude of land surface	86
C017	Method altitude determined	M
C018	Altitude accuracy	5
C020	Hydrologic unit code	19020302
C021	Date well constructed	19860708
C023	Primary use of site	T
C024	Primary use of water	U
C027	Hole depth	12
C029	Source of depth data	R
C030	Water level	9
C031	Date water level measured	19860708
C033	Source of water-level data	R
C034	Method water level measured	R
C900	Station name	SB00601133DBBD1 008
C060	Date of construction	19860708
C063	Name of contractor	UNKNOWN
C064	Source of construction data	R
C065	Method of construction	D
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	12
C075	Diameter of this interval	48
C756	Record type for HOLE subrecord of CONS file	HOLE
C159	Date of ownership	19860708
C161	Owner	BUCKINGHAM DAVID
C190	Other identifier	L01B01
C191	Assignor of other identifier	KARDINAL SUB
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	12
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C184	Remark-date	19860708
C185	Remarks -misc	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
C185	Remarks -misc	HOLE 10FT N NE OF WELL CSNG
C185	Remarks -misc	WELL CSNG OF WELL NOT IN GWSI DATA BASE
C091	Depth to top of interval	0
C092	Depth to bottom of interval	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
C097	Description of material	TOPSOIL,SILT W/ORGANICS
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	2
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	LI OLIVE,AREA OF SIDEWALL WHERE SOIL DARKER OLIVE THAN NATERAL,LIKELY FILL FRM PREVIOUS EXCAVATION DRLR RPTS
C304	Contributing unit	U

C001	**Site ID (station number)**	**603356151112101**
C002	Type of site	W
C003	Record classification	M
C004	Source agency code	USGS
C005	Project number	KENAI SLK
C009	Latitude	603356

C010	Longitude	1511121
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CADB1 022
C013	Land-net location	SENESWS34 T006N R011W S
C014	Name of location map	KENAI C-4SE KR3
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	1982
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	30
C028	Depth of well	30
C029	Source of depth data	O
C900	Station name	SB00601134CADB1 022
C060	Date of construction	1982
C063	Name of contractor	UNKNOWN
C064	Source of construction data	O
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	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	30
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C159	Date of ownership	1982
C161	Owner	BURNETT JILL&WM
C190	Other identifier	L01B02
C191	Assignor of other identifier	KIANA SUB
C181	Other data type	APPLICATION FOR WTR&SEWER SYS 1986
C182	Other data location	D
C261	Format of other data	F
C185	Remarks -misc	ALL INFO FROM WTR&SEWER SYS APP 1986

C001	**Site ID (station number)**	**603350151071501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603350
C010	Longitude	1510715
C011	Lat-long accuracy code	F
C012	Local well number	SB00601136DDBB1 007
C013	Land-net location	NWSESES36 T006N R011W S
C014	Name of location map	KENAI C-3SW KR03
C015	Scale of location map	25000
C016	Altitude of land surface	41
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19770425
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	155
C028	Depth of well	155
C029	Source of depth data	A
C900	Station name	SB00601136DDBB1 007
C159	Date of ownership	19770425
C161	Owner	AMES PHILIP T
C190	Other identifier	L01B0H
C191	Assignor of other identifier	BEAVER CREEK

C190	Other identifier	080579-C
C191	Assignor of other identifier	ADL
C181	Other data type	WATER RIGHTS CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	19770425
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE

C001	**Site ID (station number)**	**603356151123101**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603356
C010	Longitude	1511231
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DACB1 009
C013	Land-net location	SWNESES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	1989
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	25
C028	Depth of well	25
C029	Source of depth data	A
C900	Station name	SB00601133DACB1 009
C159	Date of ownership	1989
C161	Owner	BAGLEY MILDRED M
C190	Other identifier	L032
C191	Assignor of other identifier	GOVT LOTS
C190	Other identifier	2113060-C
C191	Assignor of other identifier	ADL
C181	Other data type	WATER RIGHTS CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	1989
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE

C001	**Site ID (station number)**	**603359151152101**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603359
C010	Longitude	1511521
C011	Lat-long accuracy code	T
C012	Local well number	SB00601132CBCB1 001
C013	Land-net location	SWNWSWS32 T006N R011W 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	M
C018	Altitude accuracy	5
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C021	Date well constructed	19670801
C023	Primary use of site	W
C024	Primary use of water	P
C027	Hole depth	63.4
C028	Depth of well	53.0
C030	Water level	14.3

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	B
C068	Depth to bottom of seal	15
C069	Method of development	S
C070	Hours of development	16
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	63.4
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
C190	Other identifier	7C-A
C191	Assignor of other identifier	KENAI CITY OF
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	O
C120	Type of analyses - QW network	H
C706	Network data type -miscellaneous	QW

C001	**Site ID (station number)**	**603355151124801**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603355
C010	Longitude	1511248
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DBCA1 010
C013	Land-net location	SWNWSES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	1979

C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	35
C028	Depth of well	35
C029	Source of depth data	A
C900	Station name	SB00601133DBCA1 010
C159	Date of ownership	1979
C161	Owner	COOK CHESTER&HONORA
C190	Other identifier	L02
C191	Assignor of other identifier	HUTTO SUB
C190	Other identifier	201406
C191	Assignor of other identifier	ADL
C181	Other data type	WATER RIGHTS CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	1979
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE
C001	**Site ID (station number)**	**603355151125701**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603355
C010	Longitude	1511257
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DBCB1 012
C013	Land-net location	SWNWSES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	19760910
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	30
C028	Depth of well	30
C029	Source of depth data	D
C030	Water level	12
C031	Date water level measured	19760910
C033	Source of water-level data	D
C034	Method water level measured	R
C713	Aquifer-type code	C
C714	Aquifer code	110QRNR
C900	Station name	SB00601133DBCB1 012
C060	Date of construction	19760910
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	D
C065	Method of construction	C
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	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	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	R
C086	Material in this interval	R
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	19760910
C150	Discharge	12
C151	Source of discharge data	D
C152	Method discharge measured	R
C703	Discharge type	P
C159	Date of ownership	19760910
C161	Owner	FORBES DAVE&LORENE
C190	Other identifier	L02
C191	Assignor of other identifier	CINDERELLA SUB
C771	Last update for OTID subrecord of MISC file	19900417
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	INSPECTION REPORT FOR SEWAGE&WTR SYS
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	30
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	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
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	2
C092	Depth to bottom of interval	19
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	DRY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	19
C092	Depth to bottom of interval	24
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	RUSTY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	24
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
C095	Aquifer date -geo	19760910
C126	Aquifer-static-level	12
C001	**Site ID (station number)**	**603352151112401**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603352
C010	Longitude	1511124
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CADC1 013
C013	Land-net location	SENESWS34 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	197511
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	31
C028	Depth of well	31
C029	Source of depth data	D
C030	Water level	13
C031	Date water level measured	197511
C033	Source of water-level data	D
C034	Method water level measured	R
C714	Aquifer code	110QRNR
C900	Station name	SB00601134CADC1 013
C060	Date of construction	197511
C063	Name of contractor	ECHO LK DRL
C064	Source of construction data	D
C065	Method of construction	C
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	31
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
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	26
C084	Depth to bottom of this open interval	31
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	197511
C150	Discharge	15
C151	Source of discharge data	D
C152	Method discharge measured	E
C153	Production level	23
C154	Static water level	13
C155	Source of water-level data	D
C156	Method water level measured	E
C272	Specific capacity -disch	1.50
C309	Water-level drawdown	10.0
C703	Discharge type	P
C190	Other identifier	L02
C191	Assignor of other identifier	SHARON L SUB
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C190	Other identifier	209549
C191	Assignor of other identifier	ADL
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	31
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	2
C093	Aquifer code	110QRNR
C096	Lithology code	OBDN
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	2
C092	Depth to bottom of interval	16
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	16
C092	Depth to bottom of interval	24
C093	Aquifer code	110QRNR
C096	Lithology code	SDST
C097	Description of material	BRN SILT W/SM SAND
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	24
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	MED SAND&SM FINE GRVL
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH

C001	**Site ID (station number)**	**603353151122501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI SLK
C009	Latitude	603353
C010	Longitude	1511225
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DACD1 013
C013	Land-net location	SWNESES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	19830614
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	37
C028	Depth of well	36
C029	Source of depth data	D
C030	Water level	10
C031	Date water level measured	19830614
C033	Source of water-level data	D
C034	Method water level measured	R
C713	Aquifer-type code	U
C714	Aquifer code	110QRNR
C900	Station name	SB00601133DACD1 013
C038	Date lift data collected	19830816
C043	Type of lift	S
C045	Type of power	E
C046	Horsepower rating	5
C048	Manufacturer of lift device	RED JACKET
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	19830614
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	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	0
C078	Depth to bottom of this casing string	30.7
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	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 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	N
C748	Record type for GEOH subrecord of GEOH file	GEOH

C091	Depth to top of interval	1.5
C092	Depth to bottom of interval	10
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	10
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	19830614
C126	Aquifer-static-level	10

C001	**Site ID (station number)**	**603353151122601**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI SLK
C009	Latitude	603353
C010	Longitude	1511226
C011	Lat-long accuracy code	F
C012	Local well number	SB00601133DACD2 013
C013	Land-net location	SWNESES33 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	19830606
C023	Primary use of site	W
C024	Primary use of water	U
C027	Hole depth	108
C028	Depth of well	107
C029	Source of depth data	D
C030	Water level	10
C031	Date water level measured	19830606
C033	Source of water-level data	D
C034	Method water level measured	R
C713	Aquifer-type code	C
C714	Aquifer code	110QRNR
C900	Station name	SB00601133DACD2 013
C038	Date lift data collected	19830606
C043	Type of lift	S
C045	Type of power	E
C046	Horsepower rating	5
C048	Manufacturer of lift device	RED JACKET
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	19830606
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	108
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	95.9
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	95.9
C084	Depth to bottom of this open interval	101
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	.024
C760	Record type for OPEN subrecord of CONS file	OPEN
C083	Depth to top of this open interval	101
C084	Depth to bottom of this open interval	107
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	.050
C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	19830606
C150	Discharge	100
C151	Source of discharge data	D
C152	Method discharge measured	R
C153	Production level	88
C154	Static water level	10
C155	Source of water-level data	D
C156	Method water level measured	R
C272	Specific capacity -disch	1.28
C309	Water-level drawdown	78
C703	Discharge type	P
C159	Date of ownership	19830606
C161	Owner	LOWRY ED
C190	Other identifier	L01B03
C191	Assignor of other identifier	TREE TOP SUB
C190	Other identifier	WELL 02 L01B03
C191	Assignor of other identifier	TREE TOP SUB
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	108
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C185	Remarks -misc	WELL 02 IS A BACKUP SOURCE OF WTR FOR SUB
C748	Record type for GEOH subrecord of GEOH file	GEOH
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	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	1.5
C092	Depth to bottom of interval	42
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	42
C092	Depth to bottom of interval	44
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	SM CLAY CHUNKS
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	44
C092	Depth to bottom of interval	82
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	82
C092	Depth to bottom of interval	95
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	BLUE
C304	Contributing unit	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
C012	Local well number	SB00601136DCCA2 004
C013	Land-net location	SWSWSES36 T006N R011W S
C014	Name of location map	KENAI C-4SE KR03
C015	Scale of location map	25000
C016	Altitude of land surface	25
C017	Method altitude determined	M
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	H
C027	Hole depth	30
C028	Depth of well	30
C029	Source of depth data	D
C030	Water level	9
C031	Date water level measured	19780716
C033	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	O
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	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	R
C272	Specific capacity -disch	4.67
C309	Water-level drawdown	3.00
C703	Discharge type	P
C159	Date of ownership	19780716
C161	Owner	WALKER ROGER
C190	Other identifier	L08B0H
C191	Assignor of other identifier	BEAVER CREEK
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	30
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C184	Remark-date	19780716
C185	Remarks -misc	DRLR RPTS IRON TEST 5.5-6PPM
C091	Depth to top of interval	0
C092	Depth to bottom of interval	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
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	2
C092	Depth to bottom of interval	11
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	11
C092	Depth to bottom of interval	17
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	17
C092	Depth to bottom of interval	22
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	TIGHT FORMATION
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	22
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19780716
C126	Aquifer-static-level	9

C001	**Site ID (station number)**	**603353151154801**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603353
C010	Longitude	1511548
C011	Lat-long accuracy code	F
C012	Local well number	SB00601131DADC1 012
C013	Land-net location	SENESES31 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
C016	Altitude of land surface	86

C017	Method altitude determined	M
C018	Altitude accuracy	5
C020	Hydrologic unit code	19020302
C021	Date well constructed	19850822
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	65
C028	Depth of well	64
C029	Source of depth data	D
C030	Water level	38
C031	Date water level measured	19850822
C033	Source of water-level data	D
C034	Method water level measured	R
C714	Aquifer code	110QRNR
C900	Station name	SB00601131DADC1 012
C038	Date lift data collected	19850822
C043	Type of lift	S
C045	Type of power	E
C046	Horsepower rating	.5
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	19850822
C063	Name of contractor	NORTHLAND DR
C064	Source of construction data	D
C065	Method of construction	A
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	65
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-1.5
C078	Depth to bottom of this casing string	59
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	59
C084	Depth to bottom of this open interval	64
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	19850822
C150	Discharge	40
C151	Source of discharge data	D
C152	Method discharge measured	R
C153	Production level	45
C154	Static water level	38
C155	Source of water-level data	D
C156	Method water level measured	R
C272	Specific capacity -disch	5.71
C309	Water-level drawdown	7
C703	Discharge type	P
C159	Date of ownership	19850822
C161	Owner	LYNN ROLAND D&GAIL LEE
C769	Last update for OWNR subrecord of MISC file	19901126
C190	Other identifier	L79BB01
C191	Assignor of other identifier	MCKINLEY SUB
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	65
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C185	Remarks -misc	DRLR RPTS NO GROUTING USED
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
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	17
C092	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
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	45
C092	Depth to bottom of interval	54
C093	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 file	GEOH
C095	Aquifer date -geo	19850822
C126	Aquifer-static-level	38
C132	Aquifer contribution	100

C001	**Site ID (station number)**	**603347151113601**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603347
C010	Longitude	1511136
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134CDBC1 017
C013	Land-net location	NWSESWS34 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	1978
C023	Primary use of site	W
C024	Primary use of water	H
C900	Station name	SB00601134CDBC1 017
C159	Date of ownership	1978
C161	Owner	HOOD WILLIAM L&JOYCE
C190	Other identifier	L01
C191	Assignor of other identifier	HOOD SUB 2
C185	Remarks -misc	ALL INFO FROM DEC SEWAGE&WATER SYS
C788	Record type for RMKS subrecord of MISC file	RMKS
C185	Remarks -misc	WELL DEPTH UNKNOWN 8-9-90

C001	**Site ID (station number)**	**603352151154601**
C002	Type of site	W
C003	Record classification	U

C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603352
C010	Longitude	1511546
C011	Lat-long accuracy code	F
C012	Local well number	SB00601131DADC2 012
C013	Land-net location	SENESES31 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
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	1959
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	20
C028	Depth of well	20
C029	Source of depth data	A
C900	Station name	SB00601131DADC2 012
C060	Date of construction	1959
C063	Name of contractor	UNKNOWN
C064	Source of construction data	A
C065	Method of construction	D
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	20
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C159	Date of ownership	19591010
C161	Owner	MCGRADY ALLEN &VIVIAN L
C190	Other identifier	L80
C191	Assignor of other identifier	SECTION 31 LOTS
C190	Other identifier	040308
C191	Assignor of other identifier	ADL
C185	Remarks -misc	CERTIFICATE OF APPROPRIATION OF WATER

C001	**Site ID (station number)**	**603346151110301**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI SCK
C009	Latitude	603346
C010	Longitude	1511103
C011	Lat-long accuracy code	F
C012	Local well number	SB00601134DCBD1 019
C013	Land-net location	NWSWSES34 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	19820430
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	33.5
C028	Depth of well	33.5
C029	Source of depth data	D
C030	Water level	14
C031	Date water level measured	19820430
C033	Source of water-level data	D
C034	Method water level measured	R
C714	Aquifer code	110QRNR

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

C001 Site ID (station number) **603346151115701**

C002	Type of site	W

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	L02
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	Longitude	1511239
C011	Lat-long accuracy code	T
C012	Local well number	SB00601133DDCB1 007
C013	Land-net location	SWSESES33 T006N R011W S
C014	Name of location map	KENAI C-4
C015	Scale of location map	63360
C016	Altitude of land surface	81.00
C017	Method altitude determined	M
C018	Altitude accuracy	25
C019	Topographic setting	T
C020	Hydrologic unit code	19020302
C023	Primary use of site	W
C024	Primary use of water	T
C027	Hole depth	213
C028	Depth of well	201
C030	Water level	26.6
C031	Date water level measured	19691014

C033	Source of water-level data	S
C803	Agency use of site code	A
C815	Locator sequence number	02
C900	Station name	SB00601133DDCB1 007
C043	Type of lift	S
C045	Type of power	E
C046	Horsepower rating	10.0
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	1967
C063	Name of contractor	SOLDOTNA DRL
C064	Source of construction data	D
C065	Method of construction	C
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	213
C075	Diameter of this interval	8.00
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	201
C079	Diameter of this casing string	8.00
C758	Record type for CSNG subrecord of CONS file	CSNG
C321	Begin date for use of this measuring point	19750910
C323	Height of this measuring point	1.00
C766	Record type for MPNT subrecord of CONS file	MPNT
C148	Date discharge measured	1967
C150	Discharge	48.0
C151	Source of discharge data	D
C153	Production level	150
C154	Static water level	39.0
C155	Source of water-level data	D
C272	Specific capacity -disch	.43
C309	Water-level drawdown	111
C703	Discharge type	P
C159	Date of ownership	1967
C161	Owner	KENAI CENT HIGH SCH
C190	Other identifier	WELL2
C191	Assignor of other identifier	KENAI CNT HI SC
C190	Other identifier	10480
C191	Assignor of other identifier	AKRG
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	DAILY VALU
C182	Other data location	D
C261	Format of other data	M
C187	Date of visit	19670916
C188	Person who made visit	STILL P
C774	Record type for VIST subrecord of MISC file	VIST
C193	Date of water-quality measurement	19670916
C196	Water-quality parameter code	00010
C197	Value of water-quality parameter	20.0
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	213
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C199	Type of log	G
C200	Depth to top of logged interval	.00
C201	Depth to bottom of logged interval	213
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	4.00
C201	Depth to bottom of logged interval	200

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

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 measurement date	19731130
C237	Water level	25.07
C235	Water-level measurement date	19731219
C237	Water level	25.03
C235	Water-level measurement date	19740123
C237	Water level	25.44
C235	Water-level measurement date	19740221
C237	Water level	25.64
C235	Water-level 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

C237	Water level	25.76

C001	**Site ID (station number)**	**603343151124001**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603343
C010	Longitude	1511240
C011	Lat-long accuracy code	T
C012	Local well number	SB00601133DCDA1 003
C013	Land-net location	SESWSES33 T006N R011W 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
C153	Production level	18
C154	Static water level	7

C155	Source of water-level data	D
C156	Method water level measured	R
C272	Specific capacity -disch	22.7
C309	Water-level drawdown	11
C703	Discharge type	P
C159	Date of ownership	1960
C161	Owner	KENAI HIGH SCHOOL
C190	Other identifier	10478
C191	Assignor of other identifier	AKRG
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	45.5
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C185	Remarks -misc	DATES OF CONST/OWNERSHIP UNKNOWN
C788	Record type for RMKS subrecord of MISC file	RMKS
C091	Depth to top of interval	0
C092	Depth to bottom of interval	3.5
C093	Aquifer code	110QRNR
C096	Lithology code	OTHR
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	3.5
C092	Depth to bottom of interval	24
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	BROWN
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	24
C092	Depth to bottom of interval	35
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	REDDISH
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	35
C092	Depth to bottom of interval	45
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	GREY
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	45
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	BLUE
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH

C001	**Site ID (station number)**	**603336151070601**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI PVK
C009	Latitude	603336
C010	Longitude	1510706
C011	Lat-long accuracy code	F
C012	Local well number	SB00501101AABA1 011
C013	Land-net location	NWNENES01 T005N R011W S
C014	Name of location map	KENAI C-3SW KR06

C015	Scale of location map	25000
C016	Altitude of land surface	41
C017	Method altitude determined	M
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	H
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	O
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
C150	Discharge	12
C151	Source of discharge data	D
C152	Method discharge measured	R
C702	Last update -disch	19901123
C703	Discharge type	P
C159	Date of ownership	1990
C161	Owner	BENTON DEWAYNE J&LAONE C
C190	Other identifier	L10B04
C191	Assignor of other identifier	THOMPSON PARK 1
C771	Last update for OTID subrecord of MISC file	19901123
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	41
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
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
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
C092	Depth to bottom of interval	20
C093	Aquifer code	110QRNR
C096	Lithology code	SDCL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	20
C092	Depth to bottom of interval	32
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL

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	Aquifer 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	M
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	H
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
C714	Aquifer code	110QRNR
C900	Station name	SB00601134DCDD1 024
C060	Date of construction	19800825
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	D
C065	Method of construction	A
C066	Type of finish	O
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
C191	Assignor of other identifier	UNCONFINED
C181	Other data type	INSPECTION FOR WTR&SEWER SYS 1980
C182	Other data location	D
C261	Format of other data	F
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	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
C097	Description of material	TOPSOIL&CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	2
C092	Depth to bottom of interval	19
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C304	Contributing unit	U
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	19
C092	Depth to bottom of interval	34
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WTR
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	34
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	WTR
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19800825
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19800825
C126	Aquifer-static-level	14

C001	**Site ID (station number)**	**603335151070101**
C002	Type of site	W
C003	Record classification	M
C004	Source agency code	USGS
C005	Project number	KENAI EBA
C009	Latitude	603335
C010	Longitude	1510701
C011	Lat-long accuracy code	F
C012	Local well number	SB00501001AAAB1 002
C013	Land-net location	NENENES01 T005N R010W S
C014	Name of location map	KENAI C-3SW KR06
C015	Scale of location map	25000
C016	Altitude of land surface	221
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	1974
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	40
C028	Depth of well	40
C029	Source of depth data	O
C040	Date site record last updated	19930709

C303	Date site record created	19921222
C900	Station name	SB00501001AAAB1 002
C060	Date of construction	1974
C063	Name of contractor	UNKNOWN
C064	Source of construction data	O
C066	Type of finish	O
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	40
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	40
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
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	Remarks -misc	ALL INFO TAKEN FROM WTR&SEWER APPVL
C185	Remarks -misc	A SUBMERSIBLE PUMP WAS INSTALLED

C001 Site ID (station number) 603336151075101

C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI PVK
C009	Latitude	603336
C010	Longitude	1510751
C011	Lat-long accuracy code	F
C012	Local well number	SB00501101BAAB1 010
C013	Land-net location	NENENWS01 T005W R011W S
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	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19890629
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	100
C028	Depth of well	90
C029	Source of depth data	D
C030	Water level	20
C031	Date water level measured	19890629
C033	Source of water-level data	D
C034	Method water level measured	R
C714	Aquifer code	110QRNR
C900	Station name	SB00501101BAAB1 010
C060	Date of construction	19890629
C063	Name of contractor	NORTHLAND DR
C064	Source of construction data	D
C065	Method of construction	A
C066	Type of finish	O
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	100
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	90
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C148	Date discharge measured	19890629
C150	Discharge	10
C151	Source of discharge data	D
C152	Method discharge measured	R
C153	Production level	90
C154	Static water level	20
C155	Source of water-level data	D
C156	Method water level measured	R
C157	Duration of discharge before producing level	72
C272	Specific capacity -disch	.14
C309	Water-level drawdown	70
C702	Last update -disch	19901123
C703	Discharge type	P
C159	Date of ownership	19890629
C161	Owner	FLANDERS RICHARD
C190	Other identifier	TR0A
C191	Assignor of other identifier	BEAVER BLUFF
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	100
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C185	Remarks -misc	NO GROUTING USED DRLR RPTS
C788	Record type for RMKS subrecord of MISC file	RMKS
C091	Depth to top of interval	0
C092	Depth to bottom of interval	18
C093	Aquifer code	110QRNR
C096	Lithology code	SDCL
C097	Description of material	WET 15-18FT DRLR RPTS
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	18
C092	Depth to bottom of interval	50
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	WTR
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	50
C092	Depth to bottom of interval	60
C093	Aquifer code	110QRNR
C096	Lithology code	SDCL
C097	Description of material	CLAY STRKS W/FN SAND&BROKEN COAL SILT
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	60
C092	Depth to bottom of interval	80
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	W/2 OR 3 SAND STRKS
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	80
C092	Depth to bottom of interval	90
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	W/SAND STRKS
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	90

C093	Aquifer code	110QRNR
C096	Lithology code	SDCL
C097	Description of material	HEAVING CLAY, MOST SAND DRLR RPTS
C304	Contributing unit	S
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19890629
C750	Record type for AQFR subrecord of GEOH file	AQFR
C095	Aquifer date -geo	19890629
C126	Aquifer-static-level	20

C001	**Site ID (station number)**	**603335151080701**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI SLK
C009	Latitude	603335
C010	Longitude	1510807
C011	Lat-long accuracy code	F
C012	Local well number	SB00501101BABB1 025
C013	Land-net location	NWNENWS01 T005N R011W S
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	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19841104
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	102
C028	Depth of well	102
C029	Source of depth data	D
C030	Water level	87
C031	Date water level measured	19841104
C033	Source of water-level data	D
C034	Method water level measured	R
C713	Aquifer-type code	C
C714	Aquifer code	110QRNR
C900	Station name	SB00501101BABB1 025
C038	Date lift data collected	19841104
C043	Type of lift	S
C045	Type of power	E
C046	Horsepower rating	.5
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	19841104
C063	Name of contractor	SPIRES B
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	102
C075	Diameter of this interval	4
C756	Record type for HOLE subrecord of CONS file	HOLE
C077	Depth to top of this casing string	-2.1
C078	Depth to bottom of this casing string	95.5
C079	Diameter of this casing string	4
C758	Record type for CSNG subrecord of CONS file	CSNG
C083	Depth to top of this open interval	95.5
C084	Depth to bottom of this open interval	102
C085	Type of openings in this interval	S
C087	Diameter of this open interval	4
C088	Width of openings	.010
C760	Record type for OPEN subrecord of CONS file	OPEN
C148	Date discharge measured	19841104

C150	Discharge	35
C151	Source of discharge data	D
C152	Method discharge measured	R
C703	Discharge type	P
C159	Date of ownership	19841104
C161	Owner	POOLE BOB
C190	Other identifier	L05B01
C191	Assignor of other identifier	FOR PETES SAKE
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	APPLICATION FOR WTR&SEWER SYS 1985
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	102
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	3
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
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	3
C092	Depth to bottom of interval	10
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	10
C092	Depth to bottom of interval	20
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	20
C092	Depth to bottom of interval	35
C093	Aquifer code	110QRNR
C096	Lithology code	GRVL
C097	Description of material	&COBBLESTONE
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	35
C092	Depth to bottom of interval	50
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	50
C092	Depth to bottom of interval	60
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	60
C092	Depth to bottom of interval	92
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	92
C093	Aquifer code	110QRNR
C096	Lithology code	SAND

C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH 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	SB00601134CDDC1 012
C013	Land-net location	SESESWS34 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	1989
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	25
C028	Depth of well	25
C029	Source of depth data	A
C900	Station name	SB00601134CDDC1 012
C159	Date of ownership	1989
C161	Owner	NEETHER DALE A
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 CERTIFICATE
C182	Other data location	D
C261	Format of other data	F
C184	Remark-date	1989
C185	Remarks -misc	ALL INFO FROM WATER RIGHTS CERTIFICATE

C001	**Site ID (station number)**	**603344151164501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603344
C010	Longitude	1511645
C011	Lat-long accuracy code	F
C012	Local well number	SB00601131CDCA2 011
C013	Land-net location	SWSESWS31 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
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	SB00601131CDCA2 011
C060	Date of construction	1969
C063	Name of contractor	UNKNOWN

C064	Source of construction data	A
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
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	38
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C159	Date of ownership	1969
C161	Owner	SIPES MICHAEL
C159	Date of ownership	1979
C161	Owner	WANGREN GERRY
C768	Record type for OWNR subrecord of MISC file	OWNR
C181	Other data type	WTR&SEWER INSPECTION RPTS
C185	Remarks -misc	ALL INFO FRM WTR&SEWER INSPECTION RPTS

C001	**Site ID (station number)**	**603332151071501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI EBA
C009	Latitude	603332
C010	Longitude	1510715
C011	Lat-long accuracy code	F
C012	Local well number	SB00501101AABC1 019
C013	Land-net location	NWNENES01 T005N R011W S
C014	Name of location map	KENAI C-3SW KR06
C015	Scale of location map	25000
C016	Altitude of land surface	66
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19850913
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	46
C028	Depth of well	46
C029	Source of depth data	D
C030	Water level	35
C031	Date water level measured	19850913
C033	Source of water-level data	D
C034	Method water level measured	R
C713	Aquifer-type code	U
C714	Aquifer code	110QRNR
C900	Station name	SB00501101AABC1 019
C043	Type of lift	S
C044	Depth to intake	42
C045	Type of power	E
C046	Horsepower rating	.5
C048	Manufacturer of lift device	AERMOTOR
C752	Record type for LIFT subrecord of CONS file	LIFT
C060	Date of construction	19850913
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	D
C065	Method of construction	A
C066	Type of finish	O
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	46
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	46
C079	Diameter of this casing string	6
C758	Record type for CSNG subrecord of CONS file	CSNG
C148	Date discharge measured	19850913
C150	Discharge	10
C151	Source of discharge data	D
C152	Method discharge measured	R
C702	Last update -disch	19921014
C703	Discharge type	P
C159	Date of ownership	19850913
C161	Owner	ROBINSON MITCH
C159	Date of ownership	198510
C161	Owner	NAKKINEN DANIEL
C190	Other identifier	L04PT01
C191	Assignor of other identifier	SUNSET RIM SUB
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNCONFINED
C181	Other data type	APPLICATION FOR WTR&SEWER SYS 1985
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	46
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	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
C097	Description of material	TOPSOIL&CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	2
C092	Depth to bottom of interval	5
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	5
C092	Depth to bottom of interval	11
C093	Aquifer code	110QRNR
C096	Lithology code	CLAY
C097	Description of material	SANDY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	11
C092	Depth to bottom of interval	19
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	19
C092	Depth to bottom of interval	24
C093	Aquifer code	110QRNR
C096	Lithology code	SGVC
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	24
C092	Depth to bottom of interval	36
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	36
C092	Depth to bottom of interval	42

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

C190	Other identifier	L14B05
C191	Assignor of other identifier	THOMPSON PARK 2
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C181	Other data type	APPLICATION FOR WTR&SEWER SYS 1983
C182	Other data location	D
C261	Format of other data	F
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	69
C202	Source of log data	D
C778	Record type for LOGS subrecord of MISC file	LOGS
C185	Remarks -misc	SHOT LARGE BOULDER AT WELL BOTTOM,CLEAN WTR
C091	Depth to top of interval	0
C092	Depth to bottom of interval	28
C093	Aquifer code	110QRNR
C096	Lithology code	SDST
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	28
C092	Depth to bottom of interval	35
C093	Aquifer code	110QRNR
C096	Lithology code	GRVL
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	35
C092	Depth to bottom of interval	60
C093	Aquifer code	110QRNR
C096	Lithology code	HRDP
C097	Description of material	W/SILT&CLAY
C304	Contributing unit	N
C748	Record type for GEOH subrecord of GEOH file	GEOH
C091	Depth to top of interval	60
C093	Aquifer code	110QRNR
C096	Lithology code	BLDR
C304	Contributing unit	P
C748	Record type for GEOH subrecord of GEOH file	GEOH
C095	Aquifer date -geo	19830914
C126	Aquifer-static-level	26.3

C001	**Site ID (station number)**	**603342151162401**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI MAL
C009	Latitude	603342
C010	Longitude	1511624
C011	Lat-long accuracy code	F
C012	Local well number	SB00601131DCCB1 014
C013	Land-net location	SWSWSES31 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
C016	Altitude of land surface	74
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19640731
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	R
C900	Station name	SB00601131DCCB1 014
C060	Date of construction	19640731

C063	Name of contractor	UNKNOWN
C064	Source of construction data	A
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
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	HOLE
C159	Date of ownership	19640731
C161	Owner	RODGERS CARL F&CATHERINE M
C190	Other identifier	L134
C191	Assignor of other identifier	GOVT LOTS
C190	Other identifier	040392
C191	Assignor of other identifier	ADL
C185	Remarks -misc	INFO FROM H20 RIGHTS CERT. NO4741

C001 Site ID (station number) **603330151070101**

C002	Type of site	W
C003	Record classification	M
C004	Source agency code	USGS
C005	Project number	KENAI EBA
C009	Latitude	603330
C010	Longitude	1510701
C011	Lat-long accuracy code	F
C012	Local well number	SB00501001AADB2 008
C013	Land-net location	SENENES01 T005N R010W S
C014	Name of location map	KENAI C-3SW KR06
C015	Scale of location map	25000
C016	Altitude of land surface	254
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	36
C028	Depth of well	36
C029	Source of depth data	A
C030	Water level	24
C031	Date water level measured	1969
C033	Source of water-level data	A
C034	Method water level measured	R
C900	Station name	SB00501001AADB2 008
C060	Date of construction	1969
C063	Name of contractor	THORN DRL
C064	Source of construction data	A
C065	Method of construction	C
C066	Type of finish	O
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	36
C075	Diameter of this interval	6
C756	Record type for HOLE subrecord of CONS file	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
C159	Date of ownership	1980
C161	Owner	DOUTHIT HARVEY JR
C190	Other identifier	L01B03
C191	Assignor of other identifier	THOMPSON PARK 1
C771	Last update for OTID subrecord of MISC file	19921222
C181	Other data type	ON-SITE WTR&SEWER SYS INSPECTION 1980

C182	Other data location	D
C261	Format of other data	F
C181	Other data type	APPLICATION FOR WTR&SEWER SYS APPVL 91
C182	Other data location	D
C261	Format of other data	F
C185	Remarks -misc	ALL INFO TAKEN FROM INSPECTION&APPVL

C001	**Site ID (station number)**	**603330151071501**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603330
C010	Longitude	1510715
C011	Lat-long accuracy code	F
C012	Local well number	SB00501101AACB1 013
C013	Land-net location	SWNENES01 T005N R011W S
C014	Name of location map	KENAI C-3SW KR06
C015	Scale of location map	25000
C016	Altitude of land surface	41
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19860720
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	44
C028	Depth of well	44
C029	Source of depth data	D
C714	Aquifer code	110QRNR
C900	Station name	SB00501101AACB1 013
C038	Date lift data collected	19860720
C043	Type of lift	S
C045	Type of power	E
C046	Horsepower rating	.5
C060	Date of construction	19860720
C063	Name of contractor	WS&S CO
C064	Source of construction data	D
C066	Type of finish	S
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	44
C075	Diameter of this interval	6
C077	Depth to top of this casing string	-1
C078	Depth to bottom of this casing string	39
C079	Diameter of this casing string	6
C083	Depth to top of this open interval	39
C084	Depth to bottom of this open interval	44
C085	Type of openings in this interval	S
C087	Diameter of this open interval	6
C159	Date of ownership	19860720
C161	Owner	HALL QUALITY BUILDERS
C190	Other identifier	L05
C191	Assignor of other identifier	SUNSET RIM SUB
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	UNKNOWN
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	44
C202	Source of log data	D
C185	Remarks -misc	DRLR RPTS 12GPM
C091	Depth to top of interval	0
C092	Depth to bottom of interval	2
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL

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	NENENES03 T005N R011W 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	M
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	C
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

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

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
C304	Contributing unit	P
C095	Aquifer date -geo	197005
C126	Aquifer-static-level	10.0
C095	Aquifer date -geo	197005
C126	Aquifer-static-level	13.0
C132	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**
C002	Type of site	W
C003	Record classification	C
C004	Source agency code	USGS
C009	Latitude	603342
C010	Longitude	1511718
C011	Lat-long accuracy code	T
C012	Local well number	SB00601131CCCB1 002
C013	Land-net location	SWSWSWS31 T006N R011W 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	M
C018	Altitude accuracy	5
C019	Topographic setting	F
C020	Hydrologic unit code	19020302
C023	Primary use of site	W
C024	Primary use of water	C
C027	Hole depth	80.0
C028	Depth of well	80.0
C040	Date site record last updated	19930709
C303	Date site record created	19791110
C803	Agency use of site code	A
C900	Station name	SB00601131CCCB1 002
C060	Date of construction	1960
C063	Name of contractor	UNKNOWN
C064	Source of construction data	O
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	6.00
C077	Depth to top of this casing string	.00
C079	Diameter of this casing string	6.00
C080	Casing material	I
C159	Date of ownership	1960
C161	Owner	LARRYS CLUB
C190	Other identifier	10466
C191	Assignor of other identifier	AKRG
C187	Date of visit	19660902
C188	Person who made visit	ANDERSON G
C187	Date of visit	19670919
C188	Person who made visit	STILL P
C193	Date of water-quality measurement	19660902
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
C117	Source agency for network data	USGS
C118	Frequency of data collection	O
C120	Type of analyses - QW network	E
C706	Network data type -miscellaneous	QW

C001	**Site ID (station number)**	**603329151070501**
C002	Type of site	W
C003	Record classification	M
C004	Source agency code	USGS
C005	Project number	KENAI EBA
C009	Latitude	603329
C010	Longitude	1510705
C011	Lat-long accuracy code	F
C012	Local well number	SB00501001AACA1 005
C013	Land-net location	SWNENES01 T005N R010W S
C014	Name of location map	KENAI C-3SW KR06
C015	Scale of location map	25000
C016	Altitude of land surface	221
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	1970
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	65
C028	Depth of well	65
C029	Source of depth data	O
C040	Date site record last updated	19930709
C303	Date site record created	19921222
C900	Station name	SB00501001AACA1 005
C060	Date of construction	1970
C063	Name of contractor	UNKNOWN
C064	Source of construction data	O
C066	Type of finish	O
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	65
C075	Diameter of this interval	6
C077	Depth to top of this casing string	-1
C078	Depth to bottom of this casing string	65
C079	Diameter of this casing string	6
C159	Date of ownership	1982
C161	Owner	BURNETT TERRY&FREDRICK
C190	Other identifier	L07B03
C191	Assignor of other identifier	THOMPSON PARK 1
C181	Other data type	ON-SITE WTR&SEWER SYS INSPECTION 1980
C182	Other data location	D

C261	Format of other data	F
C181	Other data type	ON-SITE WTR&SEWER SYS INSPECTION 1982
C182	Other data location	D
C261	Format of other data	F
C185	Remarks -misc	ALL INFO TAKEN FROM WTR&SEWER INSPECTION
C789	Last update for RMKS subrecord of MISC file	19921222

C001	**Site ID (station number)**	**603341151164701**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603341
C010	Longitude	1511647
C011	Lat-long accuracy code	F
C012	Local well number	SB00601131CDCA1 011
C013	Land-net location	SWSESWS31 T006N R011W S
C014	Name of location map	KENAI C-4SE KR02
C015	Scale of location map	25000
C016	Altitude of land surface	74
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19840526
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	50
C028	Depth of well	50
C029	Source of depth data	D
C030	Water level	34
C031	Date water level measured	19840526
C033	Source of water-level data	D
C034	Method water level measured	E
C040	Date site record last updated	19930709
C303	Date site record created	19900411
C713	Aquifer-type code	C
C714	Aquifer code	110QRNR
C900	Station name	SB00601131CDCA1 011
C060	Date of construction	19840526
C063	Name of contractor	ECHO LK DRL
C064	Source of construction data	D
C065	Method of construction	C
C066	Type of finish	S
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	50
C075	Diameter of this interval	6
C077	Depth to top of this casing string	0
C078	Depth to bottom of this casing string	45
C079	Diameter of this casing string	6
C083	Depth to top of this open interval	45
C084	Depth to bottom of this open interval	50
C085	Type of openings in this interval	R
C086	Material in this interval	R
C087	Diameter of this open interval	6
C088	Width of openings	.014
C148	Date discharge measured	19840526
C150	Discharge	20
C151	Source of discharge data	D
C152	Method discharge measured	E
C153	Production level	38
C154	Static water level	34
C155	Source of water-level data	D
C156	Method water level measured	E
C272	Specific capacity -disch	5.00
C309	Water-level drawdown	4.00

C703	Discharge type	P
C159	Date of ownership	19840526
C161	Owner	OLDS RAY
C190	Other identifier	L05
C191	Assignor of other identifier	EDGINGTON SUB 1
C190	Other identifier	UNCONSOL
C191	Assignor of other identifier	CONFINED
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	50
C202	Source of log data	D
C184	Remark-date	19840526
C185	Remarks -misc	SL RPTD 34FT FRM TOP OF CSNG,NO MPNT RPTD
C184	Remark-date	19840526
C185	Remarks -misc	DRLR RPTS IRON-7PPM,PH-7,HARD-NO READING
C091	Depth to top of interval	0
C092	Depth to bottom of interval	3
C093	Aquifer code	110QRNR
C096	Lithology code	OBDN
C304	Contributing unit	N
C091	Depth to top of interval	3
C092	Depth to bottom of interval	17
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	MED-FN,CRS
C304	Contributing unit	N
C091	Depth to top of interval	17
C092	Depth to bottom of interval	25
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	MED-CRS SAND W/SM FN GRVLS
C304	Contributing unit	N
C091	Depth to top of interval	25
C092	Depth to bottom of interval	37
C093	Aquifer code	110QRNR
C096	Lithology code	SDST
C097	Description of material	MED-FN SILTY SAND
C304	Contributing unit	N
C091	Depth to top of interval	37
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	WB,MED-CRS SAND W/SM GRADED GRVLS
C304	Contributing unit	P
C095	Aquifer date -geo	19840526
C126	Aquifer-static-level	34
C132	Aquifer contribution	100

C001	**Site ID (station number)**	**603327151070501**
C002	Type of site	W
C003	Record classification	M
C004	Source agency code	USGS
C005	Project number	KENAI EBA
C009	Latitude	603327
C010	Longitude	1510705
C011	Lat-long accuracy code	F
C012	Local well number	SB00501001AACD2 007
C013	Land-net location	SWNENES01 T005N R010W S
C014	Name of location map	KENAI C-3SW KR06
C015	Scale of location map	25000
C016	Altitude of land surface	221
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	80
C028	Depth of well	80
C029	Source of depth data	A
C803	Agency use of site code	O
C900	Station name	SB00501001AACD2 007
C060	Date of construction	1969
C063	Name of contractor	UNKNOWN
C064	Source of construction data	A
C066	Type of finish	O
C073	Depth to top of this interval	0
C074	Depth to bottom of this interval	80
C075	Diameter of this interval	6
C077	Depth to top of this casing string	-1
C078	Depth to bottom of this casing string	80
C079	Diameter of this casing string	6
C725	Record number for casing subrecord	1
C159	Date of ownership	1969
C161	Owner	HINER REID
C190	Other identifier	L05B03
C191	Assignor of other identifier	THOMPSON PARK 1
C181	Other data type	REQUEST FOR WTR&SEWER SYS APPVL 1978
C182	Other data location	D
C261	Format of other data	F
C181	Other data type	REQUEST FOR WTR&SEWER SYS APPVL 1981
C182	Other data location	D
C261	Format of other data	F
C185	Remarks -misc	ALL INFO TAKEN FROM REQUEST OF APPVL

C001	**Site ID (station number)**	**603327151072701**
C002	Type of site	W
C003	Record classification	U
C004	Source agency code	USGS
C005	Project number	KENAI ERJ
C009	Latitude	603327
C010	Longitude	1510727
C011	Lat-long accuracy code	F
C012	Local well number	SB00501101ABDC1 018
C013	Land-net location	SENWNES01 T005N R011W S
C014	Name of location map	KENAI C-3SW KR06
C015	Scale of location map	25000
C016	Altitude of land surface	41
C017	Method altitude determined	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19790811
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	131
C028	Depth of well	131
C029	Source of depth data	D
C030	Water level	1
C031	Date water level measured	19790811
C033	Source of water-level data	D
C034	Method water level measured	R
C713	Aquifer-type code	C
C714	Aquifer code	110QRNR
C803	Agency use of site code	O
C900	Station name	SB00501101ABDC1 018
C060	Date of construction	19790811
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	D
C065	Method of construction	A

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

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
C003	Record classification	U
C004	Source agency code	USGS
C009	Latitude	603327
C010	Longitude	1510807
C011	Lat-long accuracy code	F
C012	Local well number	SB00501101BACC1 007
C013	Land-net location	SWNENWS01 T005N R011W S
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	M
C018	Altitude accuracy	10
C020	Hydrologic unit code	19020302
C021	Date well constructed	19820520
C023	Primary use of site	W
C024	Primary use of water	H
C027	Hole depth	212
C028	Depth of well	212
C029	Source of depth data	D
C031	Date water level measured	19820520
C033	Source of water-level data	D
C034	Method water level measured	R
C037	Site status at water-level measurement	F
C040	Date site record last updated	19930709
C303	Date site record created	19900413
C713	Aquifer-type code	C
C714	Aquifer code	110QRNR
C900	Station name	SB00501101BACC1 007
C060	Date of construction	19820520
C063	Name of contractor	KRAXBERGER
C064	Source of construction data	D

C065	Method of construction	A
C066	Type of finish	O
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
C073	Depth to top of this interval	38
C074	Depth to bottom of this interval	212
C075	Diameter of this interval	6
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
C703	Discharge type	F
C148	Date discharge measured	19820520
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
C199	Type of log	D
C200	Depth to top of logged interval	0
C201	Depth to bottom of logged interval	212
C202	Source of log data	D
C091	Depth to top of interval	0
C092	Depth to bottom of interval	3
C093	Aquifer code	110QRNR
C096	Lithology code	SOIL
C097	Description of material	TOPSOIL&CLAY
C304	Contributing unit	N
C091	Depth to top of interval	3
C092	Depth to bottom of interval	15
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C304	Contributing unit	N
C091	Depth to top of interval	15
C092	Depth to bottom of interval	25
C093	Aquifer code	110QRNR
C096	Lithology code	SAND
C097	Description of material	WATER
C304	Contributing unit	N
C091	Depth to top of interval	25
C092	Depth to bottom of interval	35
C093	Aquifer code	110QRNR
C096	Lithology code	SDGL
C097	Description of material	WATER
C304	Contributing unit	N
C091	Depth to top of interval	35
C092	Depth to bottom of interval	40
C093	Aquifer code	110QRNR
C096	Lithology code	STCL
C304	Contributing unit	N
C091	Depth to top of interval	40

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

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]

Property or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Physical properties and field measurements									
Specific conductance (µS/cm at 25 degrees Celsius)	404	300	60	2,280	336	219	343	--	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.
pH (units)	401	303	5.8	10.0	7.5	7.5	0.7	6.5-8.5 (S)	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.
Temperature (degrees Celsius)	327	268	2.5	22	6.2	5.0	3.2	--	Affects usefulness of water for many purposes. Most users desire water of uniformly low temperature.

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

Property or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Hardness (mg/L as $CaCO_3$)	334	260	2	209	65	57	39	--	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 $CaCO_3$; 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.
Dissolved oxygen, O_2 (mg/L)	58	58	<0.2	12	2.7	0.6	3.5	--	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.
Percent sodium (percent)	294	230	1.6	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, Ca	327	259	0.3 12<3.2 1@ND	52	17	14	11	--	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.
Magnesium, Mg	326	258	0.2 2@ND	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 contributes to hardness.

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

Property or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Sodium, Na	328	258	1.1	448	43	8.0	75	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	0.6	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_4	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	23	5.9	58	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

Property or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Silica, SiO_2	298	231	2.2	55	31	31	9.5	--	Silica is dissolved from rocks and soils. Together with calcium and magnesium, silica forms scale in boilers and steam turbines.
Dissolved solids, sum of constituents	319	253	44	1,270	206	152	189	500 (S)	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.
Nutrients, dissolved (milligrams per liter)									
Nitrite as N	71	70	58@<.01	0.04	--	<0.01	--	1 (P)	Nitrite is unstable in aerated water.
Nitrate plus nitrite as N	129	116	34@<.05 24@<0.1	6	--	0.1	--	10 (P)	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_4), nitrate (NO_3), and nitrite (NO_2), but nitrite is unstable in aerated water. A nitrate concentration of 10 mg/L as N is equivalent to 44 mg/L as NO_3. 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, as N	71	70	15@<.01	0.6	--	0.06	--	--	Ammonia is a component of the nitrogen cycle, but is usually present in water in small concentrations.
Ammonia + organic nitrogen, as N	61	61	23@<0.2	0.9	--	0.3	--	--	Organic nitrogen and ammonia nitrogen. Organic nitrogen includes such natural materials as proteins and peptides, nucleic acids and urea, and numerous synthetic organic materials.

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

Property or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Phosphorus, P	71	70	8@<0.01	2.9	0.26	0.07	0.52	--	Phosphorus is an essential element in the growth of plants and animals. It occurs as organically bound phosphorus or as phosphate, PO_4. Concentrations of phosphorus found in water are not reported to be toxic to man, animals or fish, however the element can stimulate the growth of algae in surface waters.
Orthophosphorus, PO_4	131	117	17@<.01 24@<0.1	5.0	--	0.1	--	--	
Metals and trace elements, dissolved (micrograms per liter)									
Aluminum, Al	105	99	6@<5 47@<10	320	--	<10	--	50 (S)	Usually present only in negligible quantities in natural waters. Acidic waters often contain large amounts of aluminum. In large amounts, aluminum is toxic to man and animals. Four sites exceeded 50 µg/L.
Arsenic, As	126	113	37@<1 1@<1.2	94	13	3	20	50 (P)	Arsenic compounds are present naturally in some waters. Arsenic is eliminated very slowly from the human body and in large amounts is toxic to man and animals. Nine sites exceeded 50 µg/L.
Barium, Ba	120	110	2@<2 9@<5 6@<100	300	--	17	--	1,000 (P)	Usually present only in negligible quantities in natural waters, but sometimes occurs in oil and gas drilling muds and brines from oil-well wastes. In large amounts, barium is toxic to man, animals and plants. No sites exceeded 1,000 µg/L.
Beryllium, Be	74	73	67@<0.5 2@<10	0.8	--	<0.5	--	4 (P)	Usually present only in negligible quantities in natural waters. No site exceeded 4 µg/L
Boron, B	12	9	3@<20	450	--	165	--	--	Small amounts of boron are essential to plant growth. Concentrations higher than 1,000 µg/L are harmful to some plants. Ocean water commonly contains about 4, 500 µg/L boron.
Cadmium, Cd	110	109	79@<1 3@<2 7@ND	3	--	<1	--	5 (P)	Toxic to man and animals. Cumulative in the human body. Can get into water by the corrosion of galvanized pipes. No sites exceeded 5 µg/L.

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

Property or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Chromium, Cr	106	100	60@<5 33@<1 9@ND	7	--	<5	--	50 (P)	Noticeable amounts from natural sources may be present in acidic waters. Often used in the electroplating of metals. Toxicity to aquatic life varies widely with species, temperature, pH and other factors. No sites exceeded 50 µg/L
Cobalt, Co	72	71	67@<3	9	--	<3	--	--	Usually present only in negligible quantities in natural waters.
Copper, Cu	118	108	19@<1 1@<2 47@<10 5@ND	300	--	<10	--	1,000 (P)	Copper is an essential nutrient for man, animals, and plants. 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.
Iron, Fe	136	122	3 3@<30	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.
Lead, Pb	118	109	19@<1 2@<2 57@<10	20	--	<10	--	50 (P)	Dissolved in very small amounts from some rocks. Toxic to man, animals and plants. Cumulative in the human body. No sites exceeded 50 µg/L
Lithium, Li	72	71	43@<4	10	--	<4	--	--	Usually present only in negligible quantities in natural waters.

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

Property or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Manganese, Mn	135	121	6@<1 6@<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	98	66@<0.1 28@<1.	0.5	--	<0.1	--	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	--	<10	--	--	Usually present only in negligible quantities in natural waters. Molybdenum is an essential element in animal and plant nutrition, especially legumes.
Nickel, Ni	105	99	9@<1 86@<10	10	--	<10	--	--	Usually present only in negligible quantities in natural waters.
Selenium, Se	23	19	16@<1	3.5	--	<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	--	90 (S)	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	84	80	41	--	Strontium is a fairly common element in rocks.
Vanadium, V	72	71	70@<6	7	--	<6	--	--	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 or constituent	Number of water samples	Number of wells sampled	Value or concentration[1]					Drinking-water standard[2]	Remarks
			Minimum	Maximum	Mean	Median	Standard deviation		
Zinc, Zn	120	110	10@<3 21@<20	1,260	--	20	--	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.
Organic compounds, total (micrograms per liter)									
Benzene	22	21	21@<0.2	21@<0.2	--	<0.2	--	5 (P)	Benzene is a major component of gasoline and is also used as a solvent and degreaser of metals.
Toluene	22	21	10@<0.2 11@<0.3	10@<0.2 11@<0.3	--	<0.2	--	1,000 (P)	Toluene is used as a solvent and in the manufacture of gasoline.
Ethylbenzene	22	21	21@<0.2	21@<0.2	--	<0.2	--	700 (P)	Ethylbenzene is a major component of gasoline.
Xylenes	22	21	21@<0.2	21@<0.2	--	<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.

[1]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.

[2]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.

_____1988b, 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.