



STATE OF ALASKA 2583
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____ / ____ / ____ Completed: 4 / 11 / 1983 Pump Install: ____ / ____ / ____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Municipality of Anchorage				STATE OF ALASKA, DNR, Division of Agriculture ,

Well location: Latitude _____ **Longitude** _____

Meridian S Township 014N Range 002W Section 13 , NE 1/4 of NE 1/4 of NE 1/4 of NE 1/4

BOREHOLE DATA: (from ground surface)

Suggest T.M. Hanna's hydrogeologic classification system*
https://my.ngwa.org/NC_Product?id=a18500000BYub3AAD

	Depth	From	To	
Sand and gravel-some silt and cobbles	0	116		Drilling method: <input type="checkbox"/> Air rotary, <input type="checkbox"/> Cable tool, <input type="checkbox"/> Other _____
Sandy gravel with water	116	122		Well use: <input type="checkbox"/> Public supply, <input type="checkbox"/> Domestic, <input type="checkbox"/> Reinjection, <input type="checkbox"/> Hydrofracking
Clay with some gravel-grey	122	163		<input type="checkbox"/> Commercial, <input type="checkbox"/> Observation/Monitoring, <input type="checkbox"/> Test/Exploratory, <input type="checkbox"/> Cooling,
Silty sandy gravel w/ water	163	168		<input type="checkbox"/> Irrigation/Agriculture, <input type="checkbox"/> Grounding, <input type="checkbox"/> Recharge/Aquifer Storage,
Clay-grey	168	174		<input type="checkbox"/> Heating, <input type="checkbox"/> Geothermal Exploration, <input type="checkbox"/> Other _____
Sandy gravel with water	174	178		Fluids used: _____
Sandy gravel with silt and water	178	182		Depth of hole: 280 ft Casing stickup: _____ ft
Silty sandy gravel	182	184		Casing type: _____ Casing thickness: _____ inches
Silty sand-wet	184	203		Casing diameter: _____ inches Casing depth: _____ ft
Cemented sand	203	206		Liner type: _____ Depth: _____ ft Diameter: _____ inches
Silty sandy gravel	206	209		Note: _____
Silty sand-wet	209	216		Well intake opening type: <input type="checkbox"/> Open end, <input type="checkbox"/> Open hole, <input type="checkbox"/> Other _____
Silty sandy gravel w/water	216	221		Screen type: _____, Screen mesh size: _____
Clay w/some sand, gravel and water	221	244		Screen start: _____ ft, Screen stop: _____ ft, Perforated <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
Silty sand with wood and water	244	254		Perforation description: _____ Perf from: _____ ft, Perf to: _____ ft
Clay,sand and silt with water	254	260		Recovery rate: _____ gpm
Sandy gravel w/ water	260	273		Grout type: _____ Volume _____

Include description or sketch of well location (include road names, buildings, etc.):



AS 41.08.020(b)(4) and AAC 11 AAC 93.140(a) require that a copy of the well log be submitted to the Department of Natural Resources within **45 days of well completion**. Well logs may be submitted using the online well log reporting system available at:

<https://dnr.alaska.gov/welts/>

OR email electronic well logs to

dnr.water.reports@alaska.gov

Anchorage Municipal Code 15.55.060(l) and North Pole Ordinance 13.32.030(D) require that a copy of this well log be submitted to the Development Services Department/City within **30 days of well completion**.

City Permit Number: _____

Date of Issue: ____ / ____ / ____

Parcel Identification Number: _____ - _____ - _____

WATER WELL RECORD
STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
Division of Geological & Geophysical Surveys

L.S. c. 516.0'

(Please complete either 1a, 1b or 1c.)

Drilling Permit No. _____

A.D.L. No. _____

LOCATION OF WELL				Drilling Permit No. _____					
Borough	Subdivision	Lot	Block	1b. <input checked="" type="checkbox"/> 1/4 aqrs. <input type="checkbox"/> NE of NE of NE of NE	Section No. 13	Township N <input checked="" type="checkbox"/> S <input type="checkbox"/> 14	Range E <input type="checkbox"/> W <input checked="" type="checkbox"/> 2	Meridian Seward	
1c. DISTANCE AND DIRECTION FROM ROAD INTERSECTIONS				3. OWNER OF WELL: State of Alaska Div. of Geological & Geological Surveys Address: Water Resources Sec. P.O. Box 2116, Eagle River, Alaska 99577					
S. Side Eagle River Rd. Between Eagle River Loop Rd. & Chickaloon Street				Hole #3 T.W. #5					
Street Address and Area of Well Location				2. WELL LOG					
				Feet Below Surface		4. WELL DEPTH: (final)		5. DATE OF COMPLETION	
				Top	Bottom	282 289 ft.	4-11-83		
Casing Stickup				8-2	9-0	6. <input type="checkbox"/> Cable tool <input checked="" type="checkbox"/> Rotary <input type="checkbox"/> Driven <input type="checkbox"/> Dug			
Sand & Gravel - some silt & cobbles				2-0	118 116	<input type="checkbox"/> Auger <input type="checkbox"/> Jetted <input type="checkbox"/> Bored <input type="checkbox"/> Other			
Sandy Gravel w/water				400	118 116	124 122	7. USE: <input type="checkbox"/> Domestic <input type="checkbox"/> Public Supply <input type="checkbox"/> Industry		
Clay w/some gravel - Gray				124 122	165 163	<input type="checkbox"/> Irrigation <input type="checkbox"/> Recharge <input type="checkbox"/> Commercial			
Silty Sandy Gravel w/water				353	165 163	170 168	8. Casing: <input type="checkbox"/> Threaded <input checked="" type="checkbox"/> Welded		
Clay - - Gray				170 168	170 174	diam. 6 in. to ft. Depth Weight 17 lbs./ft.			
Sandy Gravel w/water				342	170 174	180 178	diam. in. to ft. Depth Stickup 2.0 ft.		
Sandy Gravel w/silt- & water				180 178	184 182	9. FINISH OF WELL:			
Silty Sandy Gravel				184	186 184	Type: Screen Diameter: 6" Tele.			
Silty Sand - wet				186 184	205 203	Slot/ Mesh Size: 0.040" Length: 5.6'			
Cemented Sand				205	208 206	Set between 265.4 ft. and 270.4 ft.			
Silty, Sandy Gravel				208 206	211 209	Backfilling 274-287 Gravel pack None			
Silty Sand - wet				211 209	218 216	272-280			
Silty, Sandy Gravel w/water				218	223 222	10. STATIC WATER LEVEL: 104 ft. 4/7/83			
Clay w/some sand, gravel & water				223	251 249	<input type="checkbox"/> Above or <input checked="" type="checkbox"/> Below land surface Date			
Silty Sand w/wood & water				267	251 249	262 Equipment used: Probe			
Clay, Sand & Silt w/water				256	269 260	11. BAIL TEST			
Sandy Gravel w/water				262 260	275 273	12. GROUTING Well Grouted: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
Sand, Silt & Clay w/some gravel				275 273	282 280	Material: <input type="checkbox"/> Neat Cement <input type="checkbox"/> Other			
				282	296	13. PUMP: (if available) HP			
						Length of Drop Pipe ft. capacity g.p.m.			
						<input type="checkbox"/> Subm. <input type="checkbox"/> Jet <input type="checkbox"/> Centrifical <input type="checkbox"/> Other			
16. WATER WELL CONTRACTOR'S CERTIFICATION:				14. REMARKS: Geophysical logs available: natural gamma, neutron					
This well was drilled under my jurisdiction and this report is true to the best of my knowledge and belief;									
M-W Drilling, Inc.				AK 1000					
Address: P.O. Box 110378, Anchorage, Alaska 99511				Contract License Number					
Signed: Robert W. Koenig				Field loc ~ 4-83					
Authorized Representative				Date: 7/15/83 RA 2-11-85					