

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

WATER WELL LOG Revised 08/18/2016

Drilling Start	ed:/		eted: <u>10 / 29 / 1982</u> Pump Install:/
City/Borough	Subdivision	Block	Lot Property Owner Name & Address
Kenai Peninsula Borough			SOLDOTNA, CITY OF,
Well location: Latitude 60.			Longitude -151.10319
Meridian S Towns	ship <u>005N</u> Range <u>010W</u>	Section	n <u>31 , SE 1/4 of NE 1/4 of SE 1/4 of SW 1/4</u>
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC			Drilling method: ☐Air rotary, ☐ Cable tool, ☐ Other  Well use: ☐ Public supply, ☐ Domestic, ☐ Reinjection, ☐ Hydrofracking ☐ Commercial, ☐ Observation/Monitoring, ☐ Test/Exploratory, ☐ Cooling, ☐ Irrigation/Agriculture, ☐ Grounding, ☐ Recharge/Aquifer Storage,
		1	☐ Heating, ☐ Geothermal Exploration, ☐ Other
			Fluids used: ft Casing stickup: ft
			Casing type: it Casing stickup:tt  Casing type: Casing thickness: inches  Casing diameter: inches Casing depth: ft  Liner type: Depth: ft Diameter:inches  Note:
			Well intake opening type: ☐ Open end,☐Open hole, ☐ Other
			Screen type:, Screen mesh size:  Screen start: ft, Screen stop: ft, Perforated Yes No  Perforation description: Perf from: ft, Perforated
			to:ft, Perf from: ft, Perf to: ft
			Gravel packed ☐Yes ■ No Gravel start: ft , Gravel stop: ft
			Note:
			Static water (from top of casing): ft on/ Artesian well
			Pumping level & yield: feet after hours at gpm  Method of testing:  Development method: Duration:  Recovery rate: gpm
			Grout type: Volume
Include description or alcotob of	ual laastian (include ree	dnomes	Depth: Fromft, Toft
Include description or sketch of well location (include road names, buildings, etc.):			Final pump intake depth: ft Model:  Pump size: hp Brand name:
			Was well disinfected upon completion?
			Method of disinfection:
			Was water quality tested? Yes No
			Water quality parameters tested:
			Well driller name:
			Company name: JUNGMANN DRILLING
*			Mailing address: State: AK Zip:
North			Phone number: ()
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 <b>45 days of well completion</b> . Well logs may be submitted using the online well log reporting system available at:  https://dnr.alaska.gov/welts/			Driller's signature:
			Date:/
			Anchorage Municipal Code 15.55.060(I) 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 <b>30 days of well completion</b> .
OR email electronic well logs to			City Permit Number: Date of Issue:/
dnr.water.reports@alaska.gov			Parcel Identification Number:

B. B		WATER WELL DRILLERS L	DO NOT FILE IN			
<i>(</i>	Drilling Co. M. C. Jungmann Drilling USGS No.					
7	Driller Mark C	Jungmann Mah ?	Area			
	Well Owner City of	Soldotna	Una accurate CPCC			
	Location (address of: Township, Range & Section, if known, or distance					
	main road Kalifons	ky Beach Road aka well	D' of Sports Center ed: 1982 MAM			
l.	Tract 2 ASLS 81	143 Date Orill	d: 1982 MAM			
Seng	Size of casing 8"	Date Orill  Depth of hole 218' fee	t Cased to 126' feet			
	Static water level A	<pre>rtesian feet(below)land sur end ( ), Screen (<math>x</math>), P</pre>	face. Finish of woll			
Schaese	Describe screen or p	erforations 72' of #12 Johnso				
7	well pumping test at 59' f	400 gallons per (book)( eet of drawdown from stati	minute) for hours with c level			
	Remarks Screen is cove	ring 2 zones with 20' of blank in	clay zone separating H <sub>2</sub> 0 zones.			
		Well Log				
	Depth in feet from	Give details of formati	ons penetrated, size of			
	ground surface	material, color and ha				
	0_to6	Sandy top soil - soft - brow	n			
	6_to51	clay - gravel - sand - cobbl	es - hard - brown			
		sand & gravel - H <sub>2</sub> 0 - grey	- hard			
		sandy gravelly clay - grey -	med hard - unstable			
	90 to 100	sandy clay - grey - soft - s	table			
	_100_to_112	sandy clay - grey - soft - s	emi-stable			
	to119	sand - very silty - soft - b	rown-grey - artesian pressure			
··	119 to 128	clay - grey - soft				
4	128 to 162	sand - H <sub>2</sub> 0 artesian - soft -	grey-black			
	<u>162</u> to 182	clay - grey - soft	Sim &			
		sand - grey - soft - H <sub>2</sub> 0 art	esian - heaving			
7	to		8,0			
	to		)			
	to		- L D			
			38 15 10 40 10 10 10 10 10 10 10 10 10 10 10 10 10			
	to					
	to					
	2015	# 21499/				

