



STATE OF ALASKA 83929
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: / / Completed: 6 / 22 / 2022 Pump Install: / /

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	ACHEMAK WILDERNESS ACRES SUB ADDN NO			Jordan Sawyer ,

Well location: Latitude 59.71438604876863 Longitude -151.29340119659898
Meridian S Township 005S Range 012W Section 27 NE 1/4 of NW 1/4 of NE 1/4 of SE 1/4

BOREHOLE DATA: (from ground surface)

Suggest T.M. Hanna's hydrogeologic classification system*
https://my.ngwa.org/NC_Product?id=a185000000BYub3AAD

	Depth	
	From	To
topsoil	0	2
brown clay with streaks of gravel	2	13
dark brown silt and sand with streaks of gravel and gray clay	13	15
gray clay with gravel	15	17
wet gravel with coal streaks	17	23
gray sticky clay with gravel	23	28
hard rock	28	29
gray sticky clay	29	31
hard rock	31	32
sand and coal streaks	32	39

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

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,
☐ Heating, ☐ Geothermal Exploration, ☐ Other

Fluids used:

Depth of hole: 39 ft Casing stickup: 3 ft

Casing type: Steel Casing thickness: inches

Casing diameter: 6 inches Casing depth: 21 ft

Liner type: PVC Depth: 39 ft Diameter: 4.5 inches

Note:

Well intake opening type: ☐ Open end, ☐ Open hole, ☒ Other screened

Screen type: slotted pvc, Screen mesh size:

Screen start: ft, Screen stop: ft, Perforated ☐ Yes ☒ No

Perforation description: Perf from: ft, Perf

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): 23 ft on / / Artesian well ☐

Pumping level & yield: feet after 1 hours at 3.5 gpm

Method of testing:

Development method: air Duration: 1

Recovery rate: gpm

Grout type: Volume

Depth: From ft, To ft

Final pump intake depth: ft Model:

Pump size: hp Brand name:

Was well disinfected upon completion? ☐ Yes ☒ No

Method of disinfection:

Was water quality tested? ☐ Yes ☒ No

Water quality parameters tested:

Well driller name:

Company name: NORTHERN SUPERIOR CONSTRUCTION

Mailing address:

City: State: AK Zip:

Phone number: () -

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 30 days of well completion.

City Permit Number:

Date of Issue: / /

Parcel Identification 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 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

Northern Superior Construction

P.O.Box 1002

Kasilof, AK 99610

907-953-0829

Customer: Jordan Sawyer

Business:

Overall Depth: 39"

Address: 54153 Wilderness Ln. Homer, AK 99603

Phone: 907-750-6692

Date Drilled: 6/21/22

Property ID# 17214010

Legal:

T 5S R 12W SEC 27 Seward Meridian HM 0731180 KACHEMAK WILDERNESS ACRES SUB AD DN NO 1 TRACT 10

Driller: J.T. & Mike

Type of Rig Used: Rotary

Casing type: 6" Steel to 21'6"

Use of well: Domestic

Stick-up: 3'

Static Water Level: 23'

Finish of well: Open PVC

Dia: 4.5"

Slot size: Slotted top 10'

Set Between: 19'-39'

Developing information: 3.5 GPM

Hours: 1

Developed with: Air

Pump Information (if available):

HP:

Grout:

Neat cement:

Beonite Leonard:

MATERIAL LOG & DEPTH INFORMATION

Log 1: 0-2 Topsoil

Log 2: 2-13 Brown Clay w/ Streaks of Gravel

Log 3: 13-15 Dark Brown Silt & Sand w/ Streaks of Gravel & Gray Clay

Log 4: 15-17 Gray Clay w/ Gravel

Log 5: 17-23 Wet Gravel w/ Coal Streaks

Log 6: 23-28 Gray Sticky Clay w/ Gravel

Log 7: 28-29 Hard Rock

Log 8: 29-31 Gray Sticky Clay

Log 9: 31-32 Hard Rock

Log 10: 32-39 Sand & Coal Streaks

Log 11:

Log 12:

Log 13:

Log 14:

Log 15:

Log 16:

Log 17:

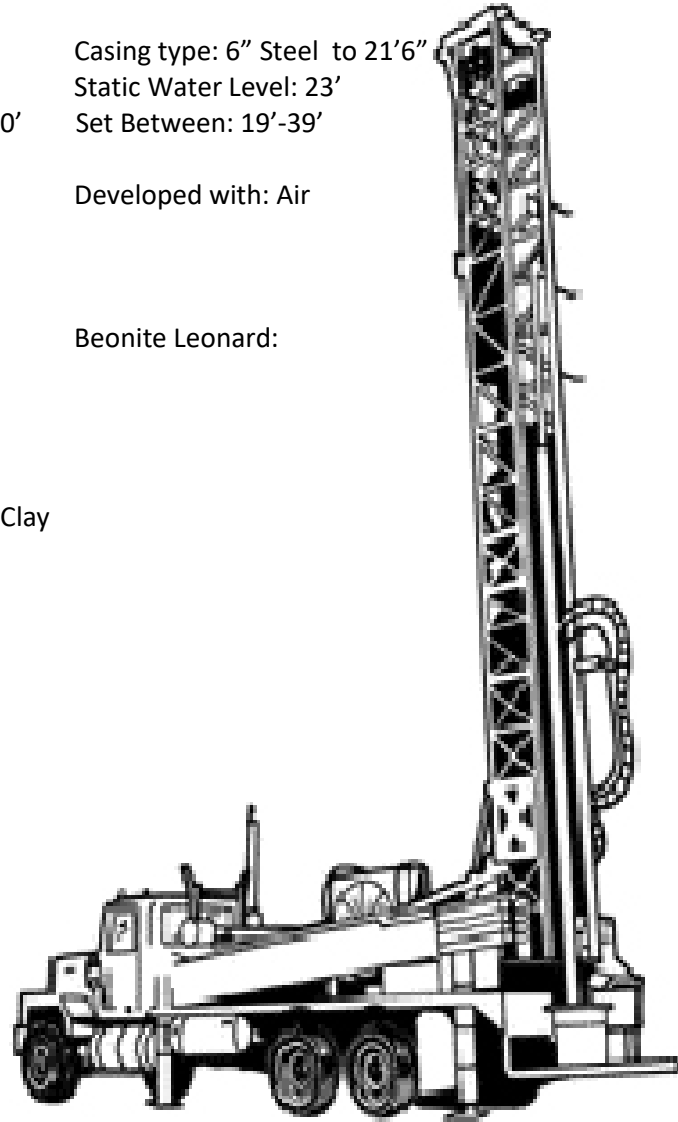
Log 18:

Log 19:

Log 20:

Log 21:

Log 22:



This well was drilled under my jurisdiction and this report is true to the best of my knowledge & belief.

Registered Business Name: Northern Superior Construction

Licensed, Bonded & Insured

--Signature:

Melissa Hawkins

Date: 6/22/22