



STATE OF ALASKA 83928  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF MINING, LAND & WATER  
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: / / Completed: 6 / 21 / 2022 Pump Install: / /

|                         |                         |       |     |                               |
|-------------------------|-------------------------|-------|-----|-------------------------------|
| City/Borough            | Subdivision             | Block | Lot | Property Owner Name & Address |
| Kenai Peninsula Borough | HARBINSON HOMESTEAD SUB |       |     | John Miles ,                  |

Well location: Latitude 59.70312999999999 Longitude -151.47973  
Meridian S Township 005S Range 013W Section 34 , NW 1/4 of NW 1/4 of SE 1/4 of NW 1/4

**BOREHOLE DATA:** (from ground surface)

Suggest T.M. Hanna's hydrogeologic classification system\*  
[https://my.ngwa.org/NC\\_Product?id=a185000000BYub3AAD](https://my.ngwa.org/NC_Product?id=a185000000BYub3AAD)

|                                               | Depth |     |
|-----------------------------------------------|-------|-----|
|                                               | From  | To  |
| topsoil                                       | 0     | 2   |
| brown silt/brown clay                         | 2     | 11  |
| dark brown sticky clay                        | 11    | 13  |
| brown clay with brown silt                    | 13    | 24  |
| brown silt with sand                          | 24    | 33  |
| brown silt with clay and siltstone            | 33    | 36  |
| gray silt                                     | 36    | 41  |
| brown clay, silt and gravel                   | 41    | 49  |
| coal                                          | 49    | 51  |
| brown silt and sand with gray clay            | 51    | 59  |
| gray silt and sand with clay and coal streaks | 59    | 95  |
| gray sandstone with coal (wet)                | 95    | 101 |
| gray clay                                     | 101   | 115 |
| gray sandstone with coal streaks              | 115   | 122 |
|                                               |       |     |
|                                               |       |     |
|                                               |       |     |
|                                               |       |     |

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: 122 ft Casing stickup: 4 ft

Casing type: Steel Casing thickness: inches

Casing diameter: 6 inches Casing depth: 36 ft

Liner type: PVC Depth: 122 ft Diameter: 4.5 inches

Note:

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

Screen type: PVC slotted, 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): 84 ft on / / Artesian well ☐

Pumping level & yield: feet after 1 hours at 2 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](mailto:dnr.water.reports@alaska.gov)

# Northern Superior Construction

P.O.Box 1002

Kasilof, AK 99610

907-953-0829

Customer: John Miles

Business:

Overall Depth: 122'6"

Address: 39298 Woodman Ln. Homer, AK 99603

Phone: 907-299-6775

Date Drilled: 6/20/22

Property ID# 17136109

Legal: T 5S R 13W SEC 34 Seward Meridian HM 0880013 HARBINSON HOMESTEAD SUB TRACT H

Driller: J.T. & Mike

Type of Rig Used: Rotary

Casing type: 6" Steel to 36'

Use of well: Domestic

Stick-up: 4'

Static Water Level: 84'

Finish of well: Open PVC

Dia: 4.5"

Slot size: Slotted Bottom 40'

Set Between: 22'6"-122'6"

Developing information: 2 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: 2-11 Brown Silt / Brown Clay

Log 3: 11-13 Dark Brown Sticky Clay

Log 4: 13-24 Brown Clay w/ Brown Silt

Log 5: 24-33 Brown Silt w/ Sand

Log 6: 33-36 Brown Silt w/ Clay & Siltstone

Log 7: 36-41 Gray Silt

Log 8: 41-49 Brown Clay, Silt & Gravel

Log 9: 49-51 Coal

Log 10: 51-59 Brown Silt & Sand w/ Gray Clay

Log 11: 59-95 Gray Silt & Sand w/ Clay & Coal Streaks

Log 12: 95-101 Gray Sandstone w/ Coal (Wet)

Log 13: 101-115 Gray Clay

Log 14: 115-122.5 Gray Sandstone w/ Coal Streaks

Log 15:

Log 16:

Log 17:

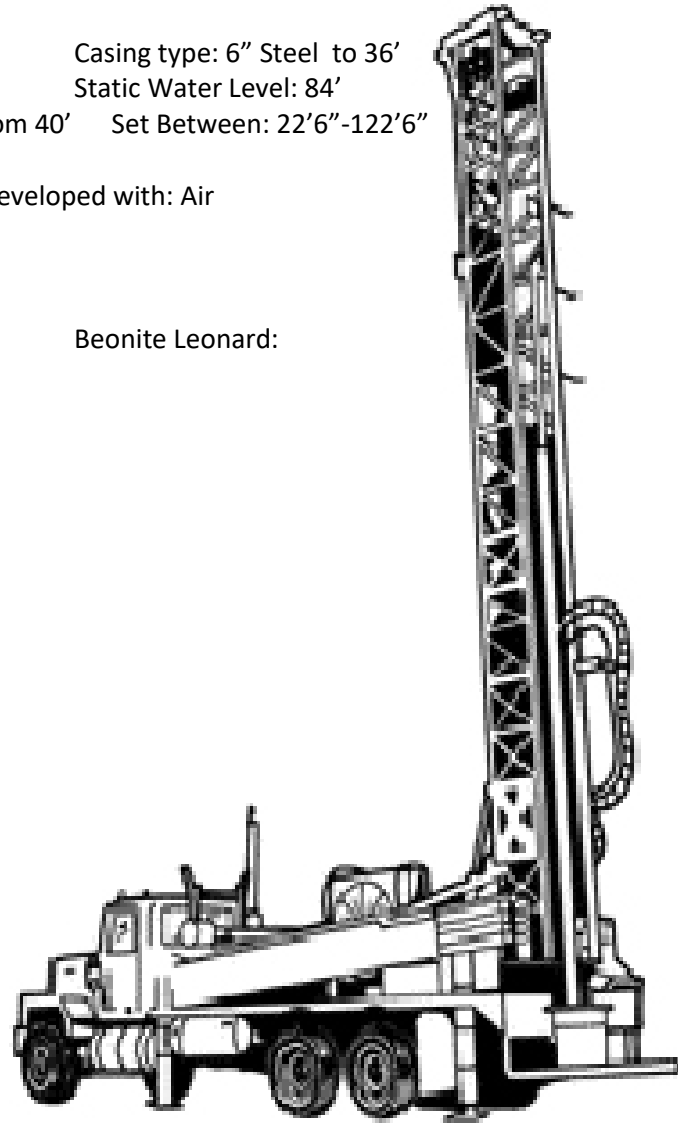
Log 18:

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: 6/21/22