



34333

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

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____ / ____ / ____ Completed: 6 / 22 / 2012 Pump Install: ____ / ____ / ____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Kenai Peninsula Borough	FERN FOREST		L02	E LAWTON ,

Well location: Latitude _____ **Longitude** _____
Meridian S _____ Township 005N Range 011W Section 25 _____, SW 1/4 of NE 1/4 of _____ 1/4 of _____ 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
Topsoil	0	2
Gravel	2	36
Clay	36	57
Sand with gravel and water	57	62
Clay with rock	62	76
Cemented clay	76	84
Cemented clay with rock and sand	84	110
Clay	110	140
Silts with sand	140	146
Clay	146	178
Sand with water	178	185
Sand with some gravel	185	190

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: 190 _____ ft Casing stickup: _____ ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: _____ ft

Liner type: _____ Depth: _____ ft Diameter: _____ inches

Note: CASSED WITH SANDSCREEN 187 FT TO 190 FT

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, 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): 17 _____ ft on ____ / ____ / ____ Artesian well ☐

Pumping level & yield: _____ feet after _____ hours at 50 _____ gpm

Method of testing: _____

Development method: _____ Duration: _____

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: NORTHLAND DRILLING

Mailing address: P.O. BOX 1292

City: KENAI State: AK Zip: 99611

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



Northland Drilling, Inc.

Well Log

52086 Bastion Drive

Nikiski, AK 99635

(907)776-8443 * FAX 776-8714

Date: 6/25/07

Owner: Erin Lawton

Distance and direction intersection

Address: P.O. Box 4216

Legal: K-Beach - Poppy Wood

City & State: Soldotna, AK 99669

Phone: 262-2414

Log: Soldotna

Final Depth: 190

Driller: Jet & Elliot

MATERIAL LOG & DEPTH INFORMATION

Log 1: 0-2 Topsoil
Log 2: 2-36 Gravel
Log 3: 36-57 Clay
Log 4: 57-62 Sand w/Gravel & Water
Log 5: 62-76 Clay w/Rock
Log 6: 76-84 Cemented Clay
Log 7: 84-110 Cemented Clay w/Rock & Sand
Log 8: 110-140 Clay
Log 9: 140-146 Silts w/Sand
Log 10: 146-178 Clay
Log 11: 178-185 Sand w/Water
Log 12: 185-190 Sand w/Some Gravel
Log 13:
Log 14:
Log 15:
Log 16:
Log 17:
Log 18:
Log 19:
Log 20:
Log 21:
Log 22:
Log 23:
Log 24:

Type of Rig Used: Rotary
Use of Well: Domestic
Casing Type Used: 6" Welded to 188 ft
Stickup: 2.5 ft.

Additional Casing: " to ft

Finish of well: Sand Screen
Dia: 6" Slot size: 16th
Length: 3 ft
Set Between: 187 ft and 190 ft.

Blank - ft: ft
Slotted - ft.: ft
Sand Size:

Static Water Level: 17
Date: 6/25/07
Above:
Top of Casing: X Artesian:

Developing information:
GPM's: 50 Hours: 1
Developed with: Air

Pump information (if available):
HP:
Length of Drop pipe: ft.
Capacity: GPM:

Grout:
Neat cement:
Beonite Leonard:

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

Remarks:

Registered Business Name
Northland Drilling

Signature: Cassidy Wash

Date: 6/22/2012

FERN FOREST L02
SB 5-11-25 AC

well 2