34848

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: 5 / 18 / 2001 Pump Install: ____/____/_____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	TIERRA GRANDE ADD #1	3	7	Holler Engineering AK,

Well location: Latitude 61.60695807896718 **Longitude** -149.41371810429698

Meridian S Township 018N Range 001W Section 35 , SE 1/4 of SE 1/4 of SW 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

	Depth From	Depth To
Gravel	0	50
Hardpan Gravel	50	60
Gravel clay	60	65
Hardpan gravel	65	100
Silt and Gravel	100	147
Clay	147	189
Sand and Gravel, wet	189	204
Water gravel	204	207

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

North

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: 217 ft Casing stickup: _____ft

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 open end

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): 112 ft on____/____/_____ Artesian well ☐

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

Method of testing:_____

Development method:_____ Duration: _____

Recovery rate: 20 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: Larry Swihart

Company name: Clearwater Drilling

Mailing address:

City: wasilla State: AK Zip: _____

Phone number: (_____) _____- _____

Driller's signature: _____

Date: _____/_____/_____

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(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: _____-_____-_____

*Guide for Using the Hydrogeologic Classification System for Logging Water Well Boreholes by Thomas M. Hanna NGWA Press

CLEAR WATER DRILLING
WELL LOG

RECEIVED
MAR 26 2002
ADEC/Wasilla
Field Office

Customer

Date 5-18-01 **Location** Lot 7 Block 3
Tierra Grande Sub. #1

From 0 ft to 50 ft Gravel
From 50 ft to 60 ft Hard pan Gravel
From 60 ft to 65 ft Gravel Clay
From 65 ft to 100 ft Hard pan Gravel
From 100 ft to 147 ft Silt and Gravel
From 147 ft to 189 ft Clay
From 189 ft to 204 ft Sand and Gravel water
From 204 ft to 207 ft Gravel Water 20 GPM
From ft to ft
From ft to ft Static Water Level
From ft to ft @ 112
From ft to ft
From ft to ft
From ft to ft
From ft to ft
From ft to ft
From ft to ft
From ft to ft
From ft to ft
From ft to ft
From ft to ft
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From ft to ft
From ft to ft

Driller [signature]