



STATE OF ALASKA 75398
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Started: ____ / ____ / ____ Completed: 7 / 15 / 2008 Pump Install: ____ / ____ / ____

City/Borough	Subdivision	Block	Lot	Property Owner Name & Address
Matanuska-Susitna Borough	TOWNSHIP 18N RANGE 2E SECTION 22		D21	Rob Lipkin AK,

Well location: Latitude 61.6292 Longitude -149.066405
Meridian S Township 018N Range 002E Section 22, SE 1/4 of SE 1/4 of SW 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
Brown silty sand and gravel	0	13
Brown silty sand, gravel and cobbles	13	25
Gray silty sand, gravel and cobbles	25	67
Sand and gravel	67	77
Wet gravel and sand - 1gpm	77	81
Hardpan	81	105
Hardpan, layers fractured rock with sand	105	112
Hardpan layers fractured rock with silty sand and water	112	117

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: 117 ft Casing stickup: 3 ft

Casing type: _____ Casing thickness: _____ inches

Casing diameter: _____ inches Casing depth: 112 ft

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

Note: _____

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

Screen type: _____, Screen mesh size: 12

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): 92 ft on ____ / ____ / ____ Artesian well ☐

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

Method of testing: _____

Development method: _____ Duration: _____

Recovery rate: 8 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: VALLEY PUMP AND WELL SERVICE

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

807-745-3005 / Fax 807-745-3010

VALLEY PUMP & WELL SERVICE, INC

PO Box 877000
Wenatchee, Alaska 99667
tel 373-2343 fax 373-4856

WELL DRILLING LOG

WELL OWNER: ROB LIPKIN

WELL USE: PRIVATE
DRILLING METHOD: ROTARY
CASING SIZE: 6"

LOCATION: 18NR02ESEC22 LOT D021
4020 N CLARK WOLVERINE DR

FINISH OF WELL

DATE DRILLED: 7/15/2008
TOTAL WELL DEPTH: 120'
CASED TO: 115'
STATIC: 92'
WELL YIELD: 8 GPM

OPEN END:
OPEN HOLE:
PVC LINER:
SCREENED #12 SLOT
PERFORATED:

FROM	TO
0	3
3	16
16	28
28	70
70	80
80	84
84	108
108	115
115	120

FORMATION
CASING ABOVE GROUND
BROWN SILTY SAND & GRAVEL
BROWN SILTY SAND, GRAVEL & COBBLES
GRAY SILTY SAND, GRAVEL & COBBLES
SAND & GRAVEL
WET GRAVEL & SSAND 1 GPM

HARDPAN
HARDPAN LAYERS FRACTURED ROCK WITH SAND
HARDPAN LAYERS FRACTURED ROCK WITH SILTY SAND & WATI

DRILLER COMMENT:

WELL DRILLER:

Richard Palmer