

STATE OF ALASKA 23546 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Drilling Starte	ed:/	_ Compl	eted: <u>12 / 5 / 1992</u> Pump Install://				
City/Borough	Subdivision	Block	Lot Property Owner Name & Address				
Alaska Gateway REAA			Northway, Village Of,				
Well location: Latitude 62.			Longitude -141.948105				
Meridian C Towns	hip <u>014N</u> Range <u>018</u>	E Section	n <u>23</u> , <u>SW</u> 1/4 of <u>NE</u> 1/4 of <u>NW</u> 1/4 of 1/4				
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC			<u>Drilling method:</u> Air rotary, Cable tool, Other Well use: Public supply, Domestic, Reinjection, Hydrofracking Commercial, Observation/Monitoring, Test/Exploratory, Cooling, Irrigation/Agriculture, Grounding, Recharge/Aquifer Storage,				
	<u>11011</u>	<u>To</u>	Heating, Geothermal Exploration, Other				
			Fluids used:				
			Depth of hole: 204 ft Casing stickup: ft				
			Casing type: inches Casing depth: inches Casing depth: ft Liner type: Depth: ft Diameter: inches				
			Note: CASED TO 194 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				
			Gravel packed Yes No Gravel start: ft , Gravel stop: ft				
			Note:				
			Static water (from top of casing): 8 ft on/ Artesian well				
			Pumping level & yield: feet after hours at gpm				
			Method of testing:				
			Development method: Duration:				
			Recovery rate: gpm				
			Grout type: Volume				
Include description or sketch of	well location (include re	ad names.	Depth: Fromft, Toft				
buildings, etc.):	Woll loodilon (molddo re	aa namoo,	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:				
			Company name: KLONDIKE DRILLING				
			Mailing address:				
		1.	City: State: <u>AK</u> Zip:				
		Noth	Phone 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			Driller's signature:				
			Date:/				
available at: https://dnr.alaska.gov/we	elts/		that a copy of this well log be submitted to the Development Services Department/City within 30 days of well completion .				
OR email electronic well logs to			City Permit Number: Date of Issue://				
dnr.water.reports@alask	a.gov		Parcel Identification Number:				

LAS 14378

8/14/96

Chains !

KZD

Sec. 2B

CAM, TIUN RADE

SW4NE4NW4

don't have get, asl

451-2714

WATER WELL DRILLING AND COMPLETION DATA

Well Location:

SW Corner of the NE Corner of the NW Corner of

Section 23, Township 14 N, Range 18 E.

Well Owner: Village of Northway, Alaska

Drilling Contractor: Klondike Drilling

P.O. Box 10653

Fairbanks, Alaska 99710

907-452-3569

Well Log:

	Feet Below Surface		
Material Type	Тор	Bottom	
Frozen Tundra	0	3	
Thawed Muck	3	7	
Clay	7	15	
Frozen Muck	15	80	
Sand w/ little Gravel	80	180	
Sandy Gravel	180	200	
Gravel	200	204	

Well Total Depth: 204 feet

Date of Completion: 12-5-92

Drilling Method: 'Driven

Use: Public Supply

Casing: 6" @ 17 lbs/ft to 194 feet with 2' stickup

Static Water Level: 8 feet below surface (12-15-92)

Pumping Level: 14 feet below surface after 8 hours at 30 gpm.

Crouting No

AUG 1 9 1996

WELL WATER TEST RESULTS

LABORATORY: NORTHERN TESTING LABORATORIES, NC. 3330 NDUSTRIAL AVE. FAIRBANKS, ALASKA 99701 907-456-3116

SUBMITTED BY: BOB HOLDER, KLONDIKE DRILLING

DEFINITIONS:

REPORT DATE: 12/31/92 SAMPLE RECEIVED: 12/8/92

MDL = Method Detection Limit H = Above Regulatory Max. S = Below Regulatory Min.

LAB NO.: F121186

Malbad	Parameter	Units	Oos dta	-	MO	Data Andread
Method	Purdificiel	Onts	Results	Flag	MOL	Date Analyzed
EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7 EPA 200.7	Barium Calcium Copper Iron Manganese Sodium Zinc	mg/l mg/l mg/l mg/l mg/l mg/l	0.101 36.3 0.013 3.8 0.331 6.86 1.57	H	0.002 0.011 0.007 0.008 0.002 0.032 0.002	12/21/92 12/21/92 12/21/92 12/21/92 12/21/92 12/21/92 12/21/92
EPA 206.2	Arsenic	mg/l	0.005		0.001	12/18/92
EPA 213.2	Cadmium	mg/l	0.0003		0.0001	12/24/92
EPA 218.2	Chromium	mg/l	0.003		0.001	12/24/92
EPA 239.2	Lead	mg/l	0.274	Н	0.004	12/21/92
EPA 245.1	Mercury	mg/l	< MDL		0.0002	12/14/92
EPA 270.2	Selenium	mg/l	< MDL		0.002	12/16/92
EPA 272.2	Silver	mg/l	< MDL		0.0002	12/23/92
EPA 300.0	Chloride	mg/l	1.200		0.1	12/20/92
HACH	TDS (Conductivity)	mg/l	120		10	12/16/92
EPA 340.2	Flouride	mg/l	0.15		0.02	12/10/92
EPA 353.3	Nitrate-N	mg/l	< MDL		0.01	12/24/92
EPA 310.1	Alkalinity as CaCO3	mg/l	152		10	12/08/92
EPA 110.2	Color, Apparent	Unit	50	н	50	12/16/92
SM 203	Corrisivity (Langlier)	Unit	0.0			12/21/92
EPA 425.1	Foaming Agents	mg/l	< MDL		0.1	12/16/92
SM 207	Odor	TON	4	H	1	12/16/92
EPA 150.1	pH at 25 C	Unit	7.6			12/08/92
EPA 300.0	Sulfate	mg/l	0.3		0.1	12/20/92
EPA 160.1	TDS	mg/l	158		1	12/16/92

(S) James H. Johnson Vice President

LABORATORY: NORTHERN TESTING LABORATORIES, NC.

3330 NOUSTRIAL AVE. FARBANKS, ALASKA 99701 907-456-3116

SUBMITTED BY: Frank Turner

DEFINITIONS:

REPORT DATE: 4/5/94 SAMPLE RECEIVED: 3/18/94

MDL = Method Detection Limit H = Above Regulatory Max. S = Below Regulatory Min.

LAB NO.: F134973

Method	Parameter	Units	Results	Flog MDL	Date Analyzed	
EPA 239.2	Lead	mg/!	< MOL	0.002	4/2/94	

Note: This sample and testing as a result of suspicion that high Lead in first sample from Driller's sampling technique.