

STATE OF ALASKA 47893 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Brown sand and gravel 32 37 Note: Casing length = 80ft (78ft depth + 2ft stickup)	Drilling Started:// Completed: _6 / 3 / 2004 Pump Install://							
Metidan	City/Borough	Subdivis	sion	Block	Lot Property Owner Name & Address			
BOREHOLE DATA: (from ground surface) Section 23 N.M. 1/4 of SE 1/4 of SW 1/4 o			idge		· · · · · · · · · · · · · · · · · · ·			
Dilling method: Air rotary Dable too Other			044)1/4					
Suggest T.M. Hannare's hydrogeologic classification system's https://my.ngwa.org/NC_Product?d=1850000008 by UnbABA Dopth								
Top soll 0 2	Suggest T.M. Hanna's hydrogeologic classification system* https://my.ngwa.org/NC				Well use: ■Public supply, □Domestic, □Reinjection, □Hydrofracking			
Top soil 0 2 Heating, Geothermal Exploration, Other Brown sand and gravel 2 8 Fluids used: Water Brown sand 13 24 Casing type: Steel Casing thickness: 25 inches Casing thickness: 25 inches Casing thickness: 25 inches Casing thickness: 25 inches Casing type: Steel Casing type: Steel Casing thickness: 25 inches Casing type: Steel Casing type: St				pτn To	<u> </u>			
Brown gravel 8 13 September 14 September 15 September 15 September 16 S	Top soil				_			
Brown sand 13 24 Blue clay 24 32 Liner type: Depth: _ft Diameter: inches Casing demeter: _6 inches Casing demeter: _6 inches Casing demeter: _6 inches Casing demeter: _6	•		2	8	Fluids used: Water			
Blue clay 24 32 Brown sand and gravel 32 37 Blue clay 37 60 Brown gravel and sand 60 64 Brown gravel and sand 60 64 Brown gravel 64 78 Brown gravel 65 64 78 Brown gravel 66 78 Brown gravel 66 78 Brown gravel 67 78 Brown gravel 68 78 Brown gravel 69 64 78 Brown gravel 60 64 78 Brown gravel 60 64 78 Brown gravel 64 78 Brown gravel 64 78 Brown gravel 65 164 78 Brown gravel 66 78 Brown gravel 66 78 Brown gravel 69 78 Brown gravel 69 78 Brown gravel 60 64 78 Brown gravel gravel grave state: ft, Gravel byes No Gravel start: ft, Gravel Start: ft, Gravel stop: ft, Perforated Pves No Gravel start: ft, Gravel Start:	-		8	13	· · · · · · · · · · · · · · · · · · ·			
Blue clay	Brown sand		13	24				
Blue clay 37 60 Brown gravel and sand 60 64 Brown gravel 64 78 Brown gravel 64 78	Blue clay		24	32	_ · ·			
Screen type:	Brown sand and grave	el	32	37				
Brown gravel and sand bu 64 78 Brown gravel address fit, Perf to:	Blue clay	37	60					
Brown gravel 64 78 Perforation description:			60	64				
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): _ft on _/ _Artesian well \ Pumping level & yield: _76 _feet after _4 _hours at _100 _gpm Method of testing: Air Development method: Air Duration: _4 hours 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 parameters tested: Well driller name: _Twle, swith. Company name: _SMITH WELL DRILLING. Mailing address: _35876.ISBELL.ST. City: _SOLDOTNAState: _AK Zip: _99669	Brown gravel		64	78				
Note: Static water (from top of casing):ft on/Artesian wellPumping level & yield: _76feet after _4hours at _100gpm	-				to:ft, Perf from: ft, Perf to: ft			
Static water (from top of casing):ft on/Artesian well								
Pumping level & yield: 76 feet after 4 hours at 100 gpm Method of testing: Air Development method: Air Duration: 4 hours Personant Power of the state of the stat								
Method of testing: Air Development method: Air Development method: Air Recovery rate: gpm Grout type: Depth: From St. To State: AK Zip: 99669 Phone number: (907) 262 - 3970 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: Method of testing: Air Development method: Air Recovery rate: gpm Grout type: Volume Depth: From St. To St								
Development method: Air								
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 Grout type:					Development method: Air Duration: 4 hours			
Depth: Fromft, Toft Include description or sketch of well location (include road names, buildings, etc.): Depth: Fromft, Toft Final pump intake depth:ft Model:								
Final pump intake depth: ft								
Pump size:		well location (in	clude road	d names,	Final pump intake depth: ft Model:			
Was well disinfected upon completion? Yes No Method of disinfection: Was water quality tested? Yes No Water quality parameters tested: Well driller name: TMR Smith Company name: SMITH WELL DRILLING. Mailing address: 35876 ISBELL ST. City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 Driller's signature: Date:	buildings, etc.):							
Was water quality tested? Yes No Water quality parameters tested: Well driller name: Tyler Smith Company name: SMITH WELL DRILLING Mailing address: 35876 ISBELL ST City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 Driller's signature: Date: / / Anchorage Municipal Code 15.55.060(l) and North Pole Ordinance 13.32.030(D) require that a copy of this well log be submitted using the online well log reporting system available at: https://dnr.alaska.gov/welts/ OR email electronic well logs to Was water quality tested? Yes No Water quality tested? Yes No Water quality tested? Yes No Water quality tested? Well driller name: Tyler Smith Company name: SMITH WELL DRILLING Mailing address: 35876 ISBELL ST City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 Driller's signature: Date: / / Anchorage Municipal Code 15.55.060(l) 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: // /								
Water quality parameters tested: Well driller name: Tyler Smith Company name: SMITH WELL DRILLING Mailing address: 35876 ISBELL ST City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 Driller's signature: Date: / / Anchorage Municipal Code 15.55.060(I) and North Pole Ordinance 13.32.030(D) require that a copy of the well log be submitted using the online well log reporting system available at: https://dnr.alaska.gov/welts/ OR email electronic well logs to Water quality parameters tested: Well driller name: Tyler Smith Company name: SMITH WELL DRILLING Mailing address: 35876 ISBELL ST City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 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: // /					<u> </u>			
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 Company name: SMITH WELL DRILLING Mailing address: 35876 ISBELL ST City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 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: // // Date of					Was water quality tested? Yes No			
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 Company name: SMITH WELL DRILLING Mailing address: 35876 ISBELL ST City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 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: // // Date of					Water quality parameters tested:			
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 Mailing address: 35876 ISBELL ST City: SOLDOTNA State: AK Zip: 99669 Phone number: (907) 262 - 3970 Driller's signature:					Well dillet flame.			
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 Phone number: (907) 262 - 3970 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:/								
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 Phone number: (907) 262 - 3970 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:/	A. Maries				City: SOLDOTNA State: AK Zip: 99669			
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 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:/	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				Phone number: (907) 262 - 3970			
be submitted using the online well log reporting system available at: 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:/	copy of the well log be submitted to the Department of Natural				Driller's signature:			
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 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://					Date:/			
https://dnr.alaska.gov/welts/ OR email electronic well logs to within 30 days of well completion. City Permit Number: Date of Issue://					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			
OR email electronic well logs to City Permit Number: Date of Issue://	https://dnr.alaska.gov/welts/							
dnr.water.reports@alaska.gov Parcel Identification Number:					City Permit Number: Date of Issue://			
	dnr.water.reports@alaska.gov				Parcel Identification Number:			

Smith Well Drilling 35876 Isbell St. Soldotna, Ak 99669

Ph(907)-262-3970

Water Well Construction Log

Log ID 119

Well Owner: AMVETS

Date Completed: 06/03/2004

NearestCommunity: Soldotna

Driller: Tyler Smith

Well Location: K-Beach

Use of Well:

Commercial Depth of Well:

Static Water Level: 80ft

Below Ground Level

Depth of Casing:

80ft

Casing Stickup: 2ft Pumping Level:

76ft Duration:

Casing Type:

6in.

100GPM Testing Method: Air

4hr(s)

Steel 0.250in. Casing Dia: Finish of Well:

Flow Rate: Development Method: Open-End

Air

Drilling Method: Air Rotary

Casing Thickness: Intervals and Size:

From: To: Drilling Fluid:

Water

Drillers Material Log (Description of strata penetrated)

Depth Below Top Of Casing In Feet

Fro	m	To	Material
0		2	Casing Stickup
2	-	4	Top Soil
4		10	Brown Sand and Gravel
10	-	15	Brown Gravel
15	 8	26	Brown Sand
26	_	34	Blue Clay
34	_	39	Brown Sand and Gravel
39	_	62	Blue Clay
62		66	Brown Gravel and Sand
66		80	Brown Gravel

