

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

LAS 28605

39375

**STATE OF ALASKA
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF MINING, LAND & WATER
WATER WELL LOG**

Drilling Started: 10 / 26 / 2010, Completed: 10 / 26 / 2010

City/Borough:	Subdivision:	BLOCK	LOT	Property Owner Name & Address:
FNSB	Gold Channel		2B	Donald Cameron, The Annex, 2922 Parks Hwy, Fairbanks, AK
Meridian <u>Fairbanks</u> Township <u>1S</u> Range <u>2W</u>		Section <u>9</u> , <u>1/4</u> of <u>1/4</u> of <u>1/4</u> of <u>1/4</u>		
BOREHOLE DATA: (from ground surface) Depth				Drilling method: ☒ Air rotary, ☐ Cable tool ☐ Other _____
Material: Type, Color & wetness From To				Well use: ☒ Public supply, ☐ Domestic, ☐ Other _____
Tailings	0	18	Depth of hole: <u>120</u> ft, Casing stickup: <u>1.5</u> ft	
Schist	18	70	Casing type: <u>steel</u> Thickness _____ inches	
Water Bearing Schist	70	120	Casing diameter: <u>8</u> inches Casing depth <u>100</u> ft	
			Liner type: _____ Diameter: _____ inches Depth: _____ ft	
			Note: _____	
			Static water (from top of casing): <u>18</u> ft on <u>10 / 26 / 2010</u>	
			Pumping level & yield: _____ feet after _____ hours at _____ gpm	
			Recovery rate: <u>70</u> gpm, Method of testing: <u>submersible pump</u>	
			Development method: <u>air</u> Duration: <u>6</u> hours	
			Well intake opening type: ☐ Open end ☐ Open hole, Other ☒	
			☒ Screened; Start: <u>100</u> ft, Stopped <u>120</u> ft	
			Screen type: <u>stainless steel</u> Slot/mesh size <u>#60</u>	
			☐ Perforated; Start: _____ ft, Stopped _____ ft	
			Start: _____ ft, Stopped _____ ft	
			Gravel packed ☐ Yes ☒ No From _____ ft to _____ ft	
			Note: _____	
			Grout type: <u>Bentonite</u> Volume <u>7.68</u> cu. ft.	
			Depth: from <u>8</u> ft, to <u>18</u> ft	
			Pump intake depth: <u>84</u> ft	
			Pump size <u>5</u> hp Brand name <u>Goulds 55GS</u>	
			Was well disinfected upon completion? ☒ Yes ☐ No	
			Method of disinfection: <u>chlorine</u>	
			Driller comments/ disclaimers: _____	

			Well driller name: <u>John</u>	
			Company name: <u>Swan Drilling</u>	
			Mailing address: _____	
			City: _____ State: <u>AK</u> Zip _____	
			Phone number : (_____) _____ - _____	
			Drillers signature: _____	
			Date: _____ / _____ / _____	

Alaska state law requires that a copy of this well log be forwarded to the Department of Natural Resources within 45 days (AK statutes 38.05.020, 38.05.035, 41.08.020, 48.15.020 and AK regulations 11 AAC 93.140). Faxes are acceptable.

Alaska DNR, Division of Mining, Land and Water,
550 W 7th Avenue, Suite 1020
Anchorage, AK 99501-3562

Phone (907)269-8639 and fax (907)269-8947

If the well is within city limits, the City of Anchorage requires that a copy of this well log be forwarded to the city within 60 days and another copy of this log be forwarded to the owner of the property, on which the well is located, within 30 days.

City Permit Number: _____

Date of Issue: _____ / _____ / _____

Parcel Identification Number: _____ - _____ - _____

Is well located at approved permit location? Yes ☐ or No ☐

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SWAN DRILLING

205 Swan Lane
Fairbanks, Alaska 99710

39375

10-26-10
Water Wagon Yard

Parks Hyway Enterprises

WELL LOG

0-18' Tailings
18'-70' Schist
70'-120' Water Bearing Schist

Well Cased to: 98'
Pump Set at: 84'
Driller: John

Static Water Level: 18'
Goulds 55GS 5hp Pump Installed
Well Making 70gpm

Well Screen Set from 100'-120'
Screen Size: 8" Slot Size: #60
Bentonite Grout Seal 0'-18'

