

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

45678

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

Drilling Started: 09 / 16 / 2010 Completed: 09 / 18 / 2010

City/Borough:	Subdivision:	BLOCK	LOT	Property Owner Name & Address:
Manokotak				Old Manokotak, Manokotak, Alaska (OMPW9)
Meridian <u>Seward</u> Township <u>14S</u> Range <u>58W</u> Section <u>15</u> , <u>1/4</u> of <u>1/4</u> of <u>1/4</u> of <u>1/4</u>				
<b>BOREHOLE DATA:</b> (from ground surface) Depth				Drilling method: <input checked="" type="checkbox"/> Air rotary, <input type="checkbox"/> Cable tool <input type="checkbox"/> Other _____
Material: Type, Color & wetness				Well use: <input checked="" type="checkbox"/> Public supply, <input type="checkbox"/> Domestic, <input type="checkbox"/> Other _____
		From	To	
Peat		0.0	5	Depth of hole: <u>200</u> ft, Casing stickup: _____ ft
Organic clay/peat		5	9	Casing type: _____ Thickness _____ inches
Gravelly clay		9	14	Casing diameter: _____ inches Casing depth _____ ft
Clayey sand and gravel		14	20	Liner type: <u>none</u> Diameter: _____ inches Depth: _____ ft
BEDROCK, dark gray competent		20	200	Note: _____
				Static water (from top of casing): <u>16.3</u> ft on <u>09 / 19 / 2010</u>
				Pumping level & yield: _____ feet after _____ hours at _____ gpm
				Recovery rate: _____ gpm, Method of testing: _____
				Development method: _____ Duration: _____
				Well intake opening type: <input type="checkbox"/> Open end <input type="checkbox"/> Open hole, Other <input checked="" type="checkbox"/>
				<input type="checkbox"/> Screened; Start: _____ ft, Stopped _____ ft
				Screen type: _____ Slot/mesh size _____
				<input type="checkbox"/> Perforated; Start: _____ ft, Stopped _____ ft
				Start: _____ ft, Stopped _____ ft
				Gravel packed <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No From _____ ft to _____ ft
				Note: _____
				Grout type: <u>bentonite</u> Volume _____
				Depth: from ground surface _____ ft, to approx 10 _____ ft
				Pump intake depth: _____ ft
				Pump size _____ hp Brand name _____
				Was well disinfected upon completion? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
				Method of disinfection: _____
				Driller comments/ disclaimers: _____
				<b>WELL ABANDONED</b>
				Well driller name: <u>Steve Thomas</u>
				Company name: <u>Johnson Drilling Company</u>
				Mailing address: <u>3705 Arctic Blvd., Unit 412</u>
				City: <u>Anchorage</u> State: <u>AK</u> Zip <u>99503</u>
				Phone number : ( <u>907</u> ) <u>250</u> - <u>5051</u>
				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, 46.15.020 and AK regulations 11 AAC 93.140). Faxes are acceptable.

Alaska DNR, Division of Mining, Land and Water,  
 550 W 7<sup>th</sup> 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 ☐