

## STATE OF ALASKA 42373 DEPARTMENT OF NATURAL RESOURCES DIVISION OF MINING, LAND & WATER Alaska Hydrologic Survey

WATER WELL LOG Revised 08/18/2016

Brilling Started:/	Drilling Started:/ Comple		eted: <u>7 / 9 / 2012</u> Pump Install://
City/Borough Subdivis	sion	Block	Lot Property Owner Name & Address
Denali Borough			Aramark AK,
Well location: Latitude         63.7463074         Longitude -148.897156           Meridian Township Range Section , 1/4 of 1/4 of 1/4 of 1/4 of 1/4			
Meridian Township Rar	ige	Sectior	
BOREHOLE DATA: (from ground surface) Suggest T.M. Hanna's hydrogeologic classification system* <a href="https://my.ngwa.org/NC">https://my.ngwa.org/NC</a> Product?id=a185000000BYub3AAD Depth			Drilling method: ■Air rotary, □Cable tool, □Other □ Well use: ■Public supply, □Domestic, □Reinjection, □Hydrofracking □Commercial, □Observation/Monitoring, □Test/Exploratory, □Cooling,
	From	<u>To</u>	☐Irrigation/Agriculture, ☐Grounding, ☐Recharge/Aquifer Storage,
ORGANICS, CLAY, GRAVEL AND BOULDERS	0	30	Heating, Geothermal Exploration, Other
GRAVEL	30	38	Fluids used:
WATER BEARING GRAVEL	38	46	Depth of hole: 100 ft Casing stickup:ft
FRACTURED BEDROCK	46	48	Casing type: STEEL Casing thickness: inches Casing diameter: inches Casing depth: 100 ft
BEDROCK	48	100	Liner type: Depth: ft Diameter:inches
<u> </u>	1.0	1.00	Note:
			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, Perf from: ft, Perf to:ft
			Gravel packed Yes No Gravel start: ft , Gravel stop: ft
			Note: Static water (from top of casing): 38 ft on 7/9/ 2012 _ Artesian well
			Pumping level & yield: feet after 1 hours at 20 gpm
			Mathad of tootings
			Development method: Duration:
			Recovery rate: gpm
			Grout type: Volume
Include description or sketch of well location (in	clude roa	names	Depth: Fromft, To 12ft
Include description or sketch of well location (include road names, buildings, etc.):			Final pump intake depth: 94 ft Model:
			Pump size: 0.75 hp Brand name:
			Was well disinfected upon completion? Yes No
			Method of disinfection:  Was water quality tested?  Yes  No
			Water quality parameters tosted:
			Water quality parameters tested:  Well driller name: John Bongcor.
			Company name: SWAN DRILLING
			Mailing address: P.O. BOX 10109
No tri			City: FAIRBANKS State: AK Zip: 99709
			Phone number: ( <u>07)</u> <u>457</u> - <u>6003</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 <b>45 days of well completion</b> . Well logs may be submitted using the online well log reporting system available at:  https://dnr.alaska.gov/welts/			Driller's signature:
			Date://
			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@alaska.gov			Parcel Identification Number:

Date Start/Finish: 7/9/2012 Drilling Company: Swan Drilling

Driller's Name: John Drilling Method: Air Rotary

Auger Size: Rig Type: Air Rotary Sampling Method: NA Latitude: 63 746306 Longitude: -148.89715 Casing Elevation: NM

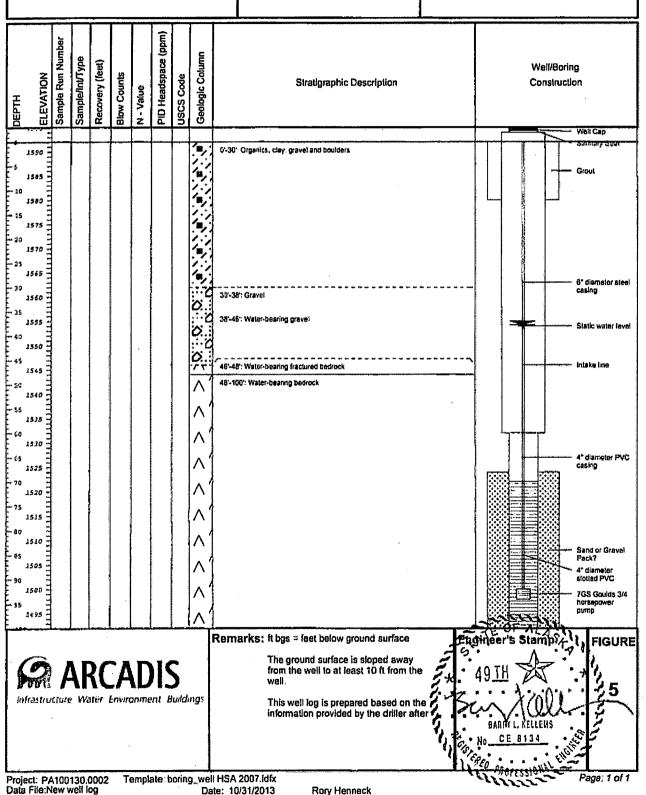
Borehole Depth: 100 ft bgs Surface Elevation: 1592 ft

Descriptions By: John

Well/Boring ID: New well

Client: Aramark

Location: Lynx Creek Store George Parks Highway Denali National Park, Alaska



## **SWAN DRILLING**

205 Swan Lane Fairbanks, Alaska 99710

7/9/12

Driller: John

Lynx Creek Store

Lynx Creek Store Denali Park

0' - 30' Organics, clay, gravel & boulders

30' - 38' Gravel

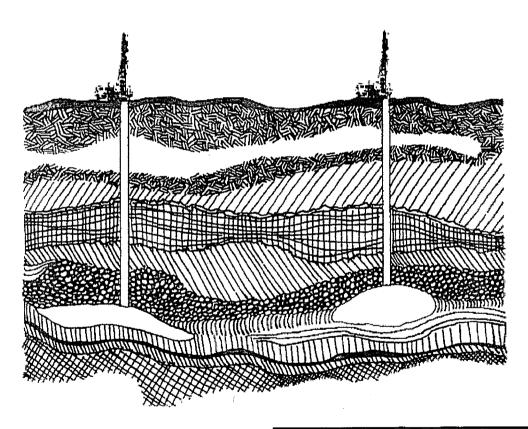
38' - 46' Water bearing gravel

46' - 48' Fractured bedrock, (water bearing)

48' - 100' Bedrock (water Bearing)

Static water level 38' Well cased to 100'
Pump set at 94' 7GS Goulds 3/4 hp pump
Well making 20 gal per minute for I hour

Well grouted from 0' to 12'



ARAMARK LYNX CREEK STORE GEORGE PARKS HIGHWAY, DENALI NATIONAL PARK, ALASKA WATER WELL COMPLETION REPORT

**DRILLER WELL LOG** 



FIGURE **7** 

CITY: (Read) DIVIGROUP: (Read) DB. (Read) LD. (Opg. PIC. (Opg. PILL (Read) TILL