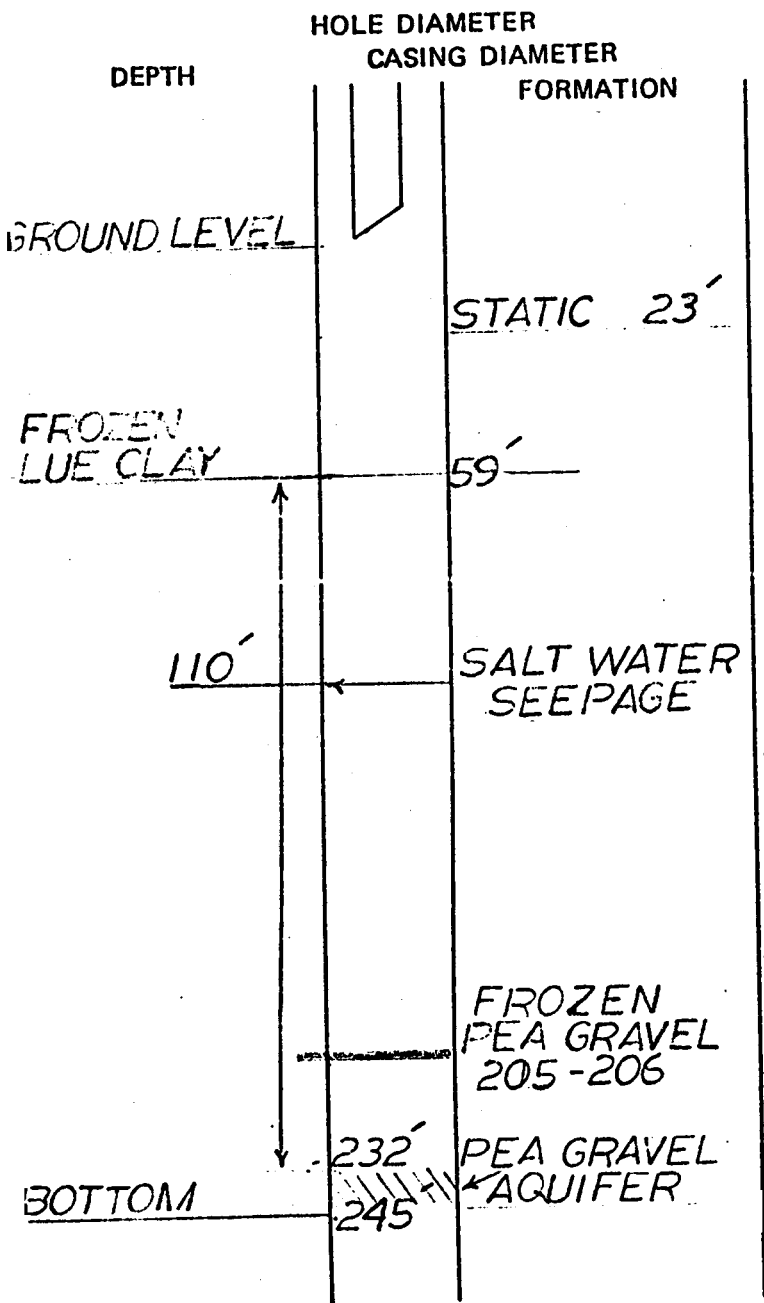


U.S. PUBLIC HEALTH SERVICE, DIVISION OF INDIAN HEALTH

LOCATION EEK, ALASKA DATE STARTED 9/4/79
 DATE COMPLETED 10/14/79 DRILLER ESTABROOK / APPLETON
 TOTAL DEPTH OF WELL 245' FT. CASING INSTALLED 248' 4" DIAMETER 6"
 GROUT 180 LB CEMENT SCREEN SIZE 10 SLOT/5FT MFG. JOHNSON LENGTH 5'
 STATIC WATER LEVEL 23' 3" HRS. PUMPED 48 @ 16 GPM DRAWDOWN _____ FT.



SOIL DATA TO 15 FT.

FEET THAWED _____
 BOTTOM OF FROST & MATERIAL 232'
 SEASONAL OR PERMA FROST _____

WATER DATA FIELD TEST

TASTE GOOD
 APPEARANCE FRESH _____
 AFTER 24 HOURS _____
 IRON _____
 CHLORIDES _____
 TDS CLEAR AFTER 30 MIN. PUMP

impossible!
 see preceding page

PUMP TEST 23' 3" - STATIC LEVEL
 PUMPING LEVEL _____ @ _____ GPM
 AFTER _____ HRS.

HIGHEST RECOMMENDED PUMP RATE

WILL STATIC LEVEL CHANGE WITH
 TIDES NO OR FROST NO

↑
 ??

DEVELOP PROCEDURE SURGE BLOCK / PLUNGER

ESTIMATED MAN HOURS FOR DRILLING _____ HOURS FOR TOTAL JOB _____

CREW ESTABROOK / APPLETON

*8 FT. WEST OF JR HIGH

10507

CHEMICAL & GEOLOGICAL LABORATORIES OF ALASKA, INC.



P.O. BOX 4-1276
Anchorage, Alaska 99509

TELEPHONE (907)-279-4014
274-3364

ANCHORAGE INDUSTRIAL CENTER
5633 B Street

ANALYTICAL REPORT

ER Alaska Area Native Health Service SAMPLE LOCATION: Eek, Alaska

COLLECTED 10/20/79 TIME COLLECTED: ---
D BY appleton SOURCE well/bia/contract

S Very saline water with high alkalinity, Iron and
Manganese.

FOR LAB USE ONLY	
RECVD. BY <u>SE</u>	LAB # <u>1954</u>
DATE RECEIVED <u>10-23-79</u>	
DATE COMPLETED <u>10-26-79</u>	
DATE REPORTED <u>10-29-79</u>	
SIGNED <u>Stephen C. Ede</u>	

<u>mg/l</u>	<u>mg/l</u>	<u>mg/l</u>
Silver <u><0.05</u>	[] P, Phosphorous <u>2.4</u>	[] Cyanide <u>---</u>
Aluminum <u>0.14</u>	[] Pb, Lead <u><0.05</u>	[] Sulfate <u>5</u>
Arsenic <u>---</u>	[] Pt, Platinum <u>---</u>	[] Phenol <u>---</u>
Bold <u>---</u>	[] Sb, Antimony <u><0.05</u>	[] Total Dissolved Solids <u>1230</u>
Iron <u>0.14</u>	[] Se, Selenium <u>---</u>	[] Total Volatile Solids <u>---</u>
Barium <u>0.28</u>	[] Si, Silicon <u>11</u>	[] Suspended Solids <u>---</u>
Bismuth <u>0.39</u>	[] Sn, Tin <u>---</u>	[] Volatile Suspended Solids <u>---</u>
Calcium <u>16</u>	[] Sr, Strontium <u>0.17</u>	[] Hardness as CaCO ₃ <u>85</u>
Cadmium <u><0.01</u>	[] Ti, Titanium <u><0.05</u>	[] Alkalinity as CaCO ₃ <u>680</u>
Cobalt <u><0.05</u>	[] W, Tungsten <u><0.05</u>	[] <u>---</u>
Cromium <u><0.05</u>	[] V, Vanadium <u><0.05</u>	[] <u>---</u>
Copper <u><0.05</u>	[] Zn, Zinc <u>0.42</u>	[] <u>---</u>
Copper <u>1.6</u>	[] Zr, Zirconium <u><0.05</u>	[] <u>---</u>
Mercury <u>---</u>	[] Ammonia <u>---</u>	[] mmhos Conductivity <u>1850</u>
Potassium <u>5.8</u>	[] Nitrogen-N <u>---</u>	[] pH Units <u>7.5</u>
Magnesium <u>10</u>	[] Kjeldahl <u>---</u>	[] Turbidity NTU <u>---</u>
Magnesium <u>10</u>	[] Nitrate-N <u>---</u>	[] Color Units <u>---</u>
Manganese <u>0.06</u>	[] Nitrite-N <u>---</u>	[] T. Coliform/100ml <u>---</u>
Molybdenum <u>---</u>	[] Phosphorus (Ortho)-P <u>---</u>	

SB 2-73-31 DCA 2-1