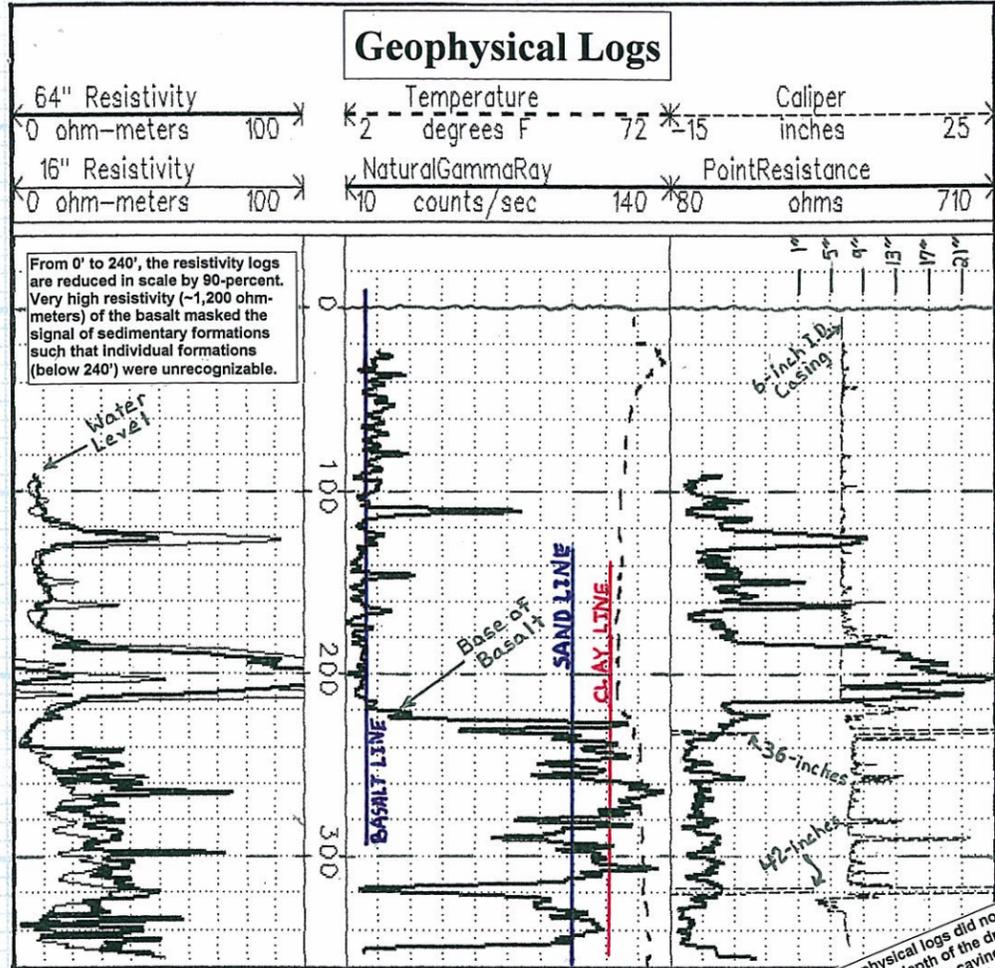


University of Idaho
Hagerman Fish Culture Experiment Station
Exploratory Borehole #1
 T. 8 S., R. 14 E., Section 6, SE¼, NW¼, SE¼
 Latitude 42° 45' 29.684" Longitude 114° 51' 21.978"
 Well drilled August 2008



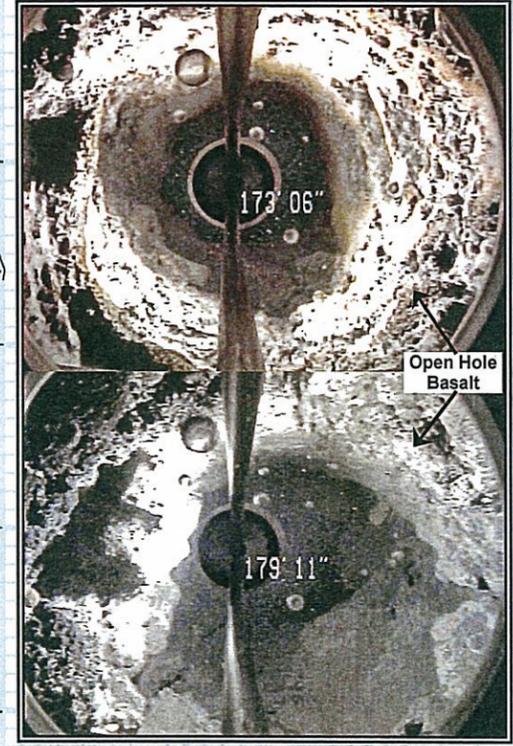
Depth
 (feet below ground level)

Lithology
 Hydro Logic, Inc. lithologic log (0' to 396') is interpreted and drawn from geophysical logs, downhole camera survey, and analysis of drilled cuttings from the borehole.
 (The lower portion of the lithology (396' to 703') is drawn from the IDWR Driller's Report due to the irregularity of cuttings from the borehole.)

Hydro Logic, Inc.
 Boise, Idaho

Details of Well Construction
 (As of August 14, 2008)
 (horizontal scale 0.1"=1.0")
 (vertical scale 1"=100')

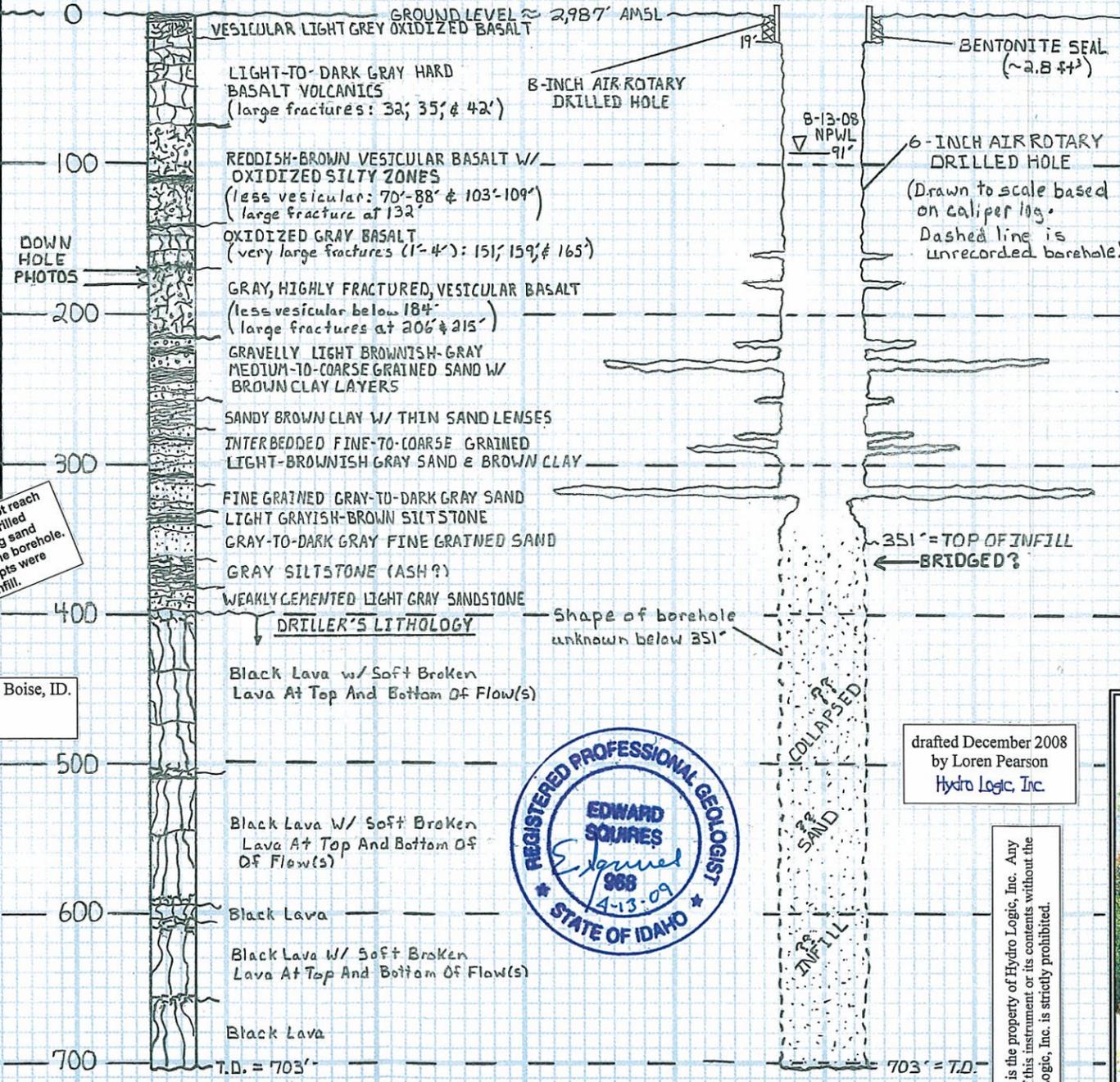
Camera Survey Photos
 by: Hydro Logic, Inc. August 13, 2008



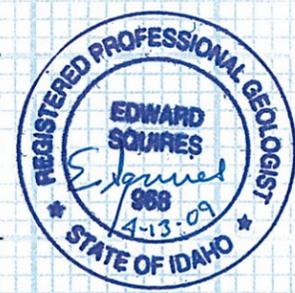
Geophysics conducted by:
 Hydro Logic, Inc. on August 13, 2008
 in a water-filled hole

T = 67.2 °F
 * Note: Temperature log affected by the addition of water for the downhole camera survey.

Geophysical logs did not reach the total depth of the drilled borehole due to caving sand formations infilling the borehole. Unsuccessful attempts were made to clear the infill.



On site supervision and well design by: Neil Farmer, Special Projects Coordinator, Idaho Department of Water Resources, Boise, ID.
 Funding for this project made possible by: Idaho Water Resource Board.
 Air-rotary drilling and well construction by: Eaton Drilling and Pump Service, Inc., Wendell, ID



drafted December 2008
 by Loren Pearson
 Hydro Logic, Inc.

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NOTE: Analysis of cuttings below 396 feet revealed that the samples appear to be contaminated with sand and gravels from the upper portion of the borehole and without corresponding geophysical logs, an accurate representation of the lithology below 396 feet is not possible. The Driller's Report indicates that the formations below 396 feet are hard or soft broken black lava flows, but only ¼ -to- ½ of the material in each sample bag is lava. The remaining material in the bags consists of granitic gravels, polished rounded mafic gravels, dark gray sand, and weakly cemented siltstone. The majority of all samples take below 396' contain about 70% grey sand. A slight increase in lava cuttings occurs in the 540'-to-545' and the 550'-to-555' samples. Several sample intervals were sieved to determine a representative lithology for the lower portion of the borehole. Analysis of the sample portion remaining after being sieved showed that the majority of the cuttings left over after removing the dark gray sand are gravels, not lava, leading to the conclusion that the samples are cavings.

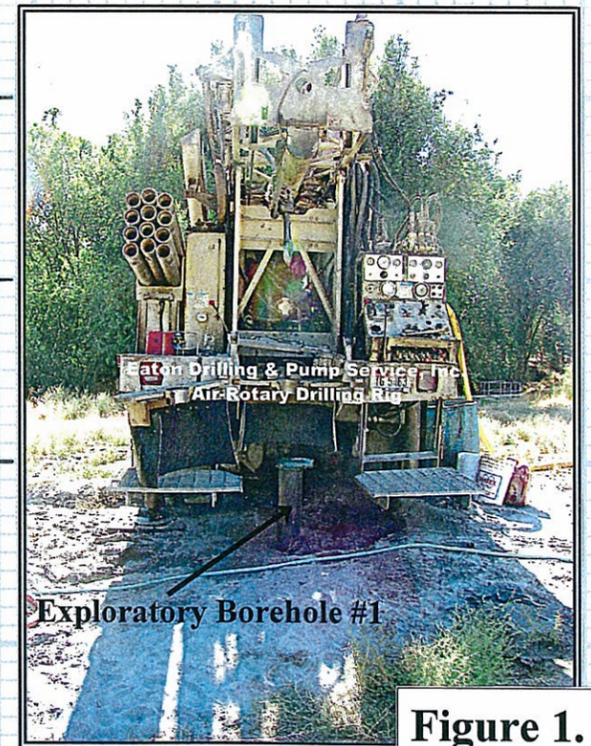
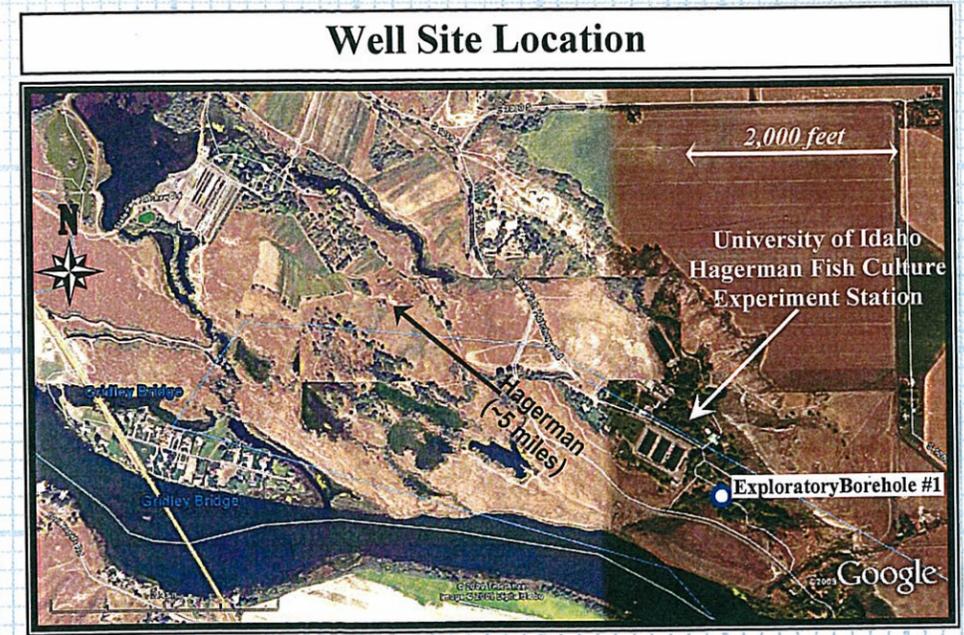


Figure 1.