Battelle
Pacific Northwest Laboratories

Project Number_____

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Date March 1, 1984

To PE Bramson

From VL McGhan V.L. McGhan

Subject Monthly Report - February 1984

I attended the National Water Well Association Conference at San Antonio, TX. The conference was on Surface and Borehole Geophysical Methods in Ground-Water Investigations and ran for three days. Forty-seven speakers presented papers during the three days.

Geophysical Characterization

The temperature and natural gamma probes were ran in eight wells around the new crib at 100-N Area.

The TV camera was run in six N Area wells that were drilled to monitor diesel fuel spills.

The new A-D system was tested twice this month but still has some bugs. It is back in the shop for de-bugging.

QA logs were completed for all probes in well 399-5-2.

Well Logging BWIP

Thirty-four temperature runs were made to wells DC-19C, DC-20C and DC-22C at all hours of the day and night. Temperatures were taken at these wells after each cement pour to find the top of the cement.

Well DC-20A was perforated using shaped charges from 515-502 ft. The TV camera was then used to inspect the perforations.

Well DC-20D was logged with all probes on two horizons while the well was being drilled.

Well DC-22A was logged with all probes and after a piezometer tube was installed the temperature probe was run to check the top of cement.

Well DC-22D was logged with all probes on two horizons while the well was being drilled. The temperature probe was run after the piezometer tube was installed to check for cement.

Well DH-28 was logged with the temperature, neutron and density probes.

Well Logging RHO Processing Design Department

Well 53-47B was logged with the natural gamma, neutron, density and magnetic probes.

VLM:gd