Battelle
Pacific Northwest Laboratories

Project Number _____

Internal Distribution

PA Eddy
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FILE
LB

Date September 28, 1984

To PE Bramson

From PD Thorne LSP for PDT

Subject Monthly Report - September 1984

Much of my time this month has been spent troubleshooting problems BWIP is having with downhole pressure measurements. We have found that even the most accurate and sensitive pressure transducers that are available in the sizes and pressure ranges required for use in BWIP's boreholes are subject to drift. Frequent recalibration, either in a laboratory or using the head calculated from water column length and density in the borehole, appears to be the only solution to this problem. Several other problems with the pressure measurements have been solved and I will be preparing a report for BWIP concerning the performance of the pressure measurement system.

The strategy is being developed for the first large-scale pumping test. This will take place next spring near the Exploratory Shaft site if plans do not change. The start of the Exploratory Shaft itself has been put off until at least November 1985.

PDT:gd