system matrix only for those nodes. Thus when modeling a large region (as with a contaminant spill), only the active zone near the plume will be modeled. The resulting computing time and dollar savings are considerable.

Work has continued on development of interactive input preparation and plotting support programs, code documentation and running test problems. Simulation of a contaminant spill in the 300 Area (325 building) should demonstrate the model's present capabilities. There are approximately 2-3 more weeks of labor funds in the budget that will be used to document and run test problems.

— Geophysical Log Interpretation

Several logs for each of 3 deep holes DC-12, DC-14, and DC-15 were digitized and entered into the data base structure. Initial programming was done on routines for plotting logs out of the data base. Several "bugs" in the DIGLOG1 and LOGHDR programs were encountered as more diverse well logs were digitized. Several hours of debugging time was required to modify the programs; however they are running smoothly at this time.