

Groundwater Investigations

Provide assistance to the states in support of groundwater investigations include field investigations to survey boreholes, sample water quality and install recording water quality sondes. Data collected from these field surveys are combined with other available data is then used for mine pool predictions/assessments, groundwater flow modelling, geochemical modeling and contaminant transport modeling with the goal of determining the degree of onsite and off-site impacts related to coal mining. Subsurface geologic modeling and GIS/remote sensing is often a component of these investigations.