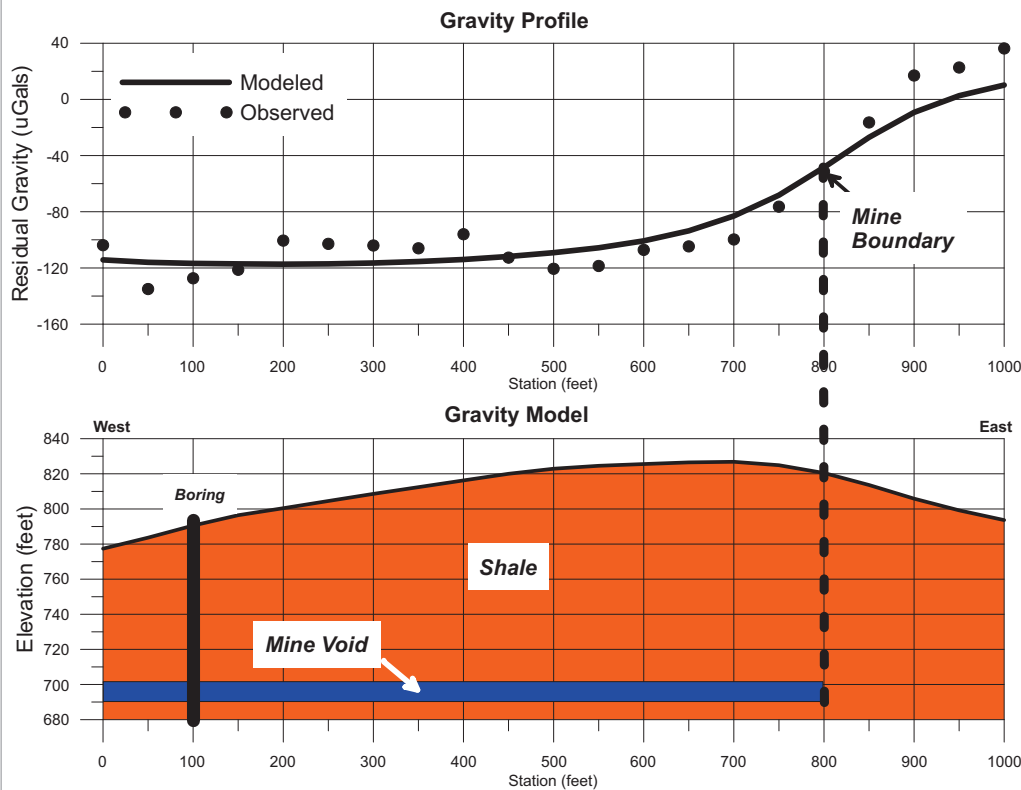


Mine Mapping with Microgravity

There are estimates of up to 500,000 abandoned mines within the United States, many of which pose a serious hazard for land subsidence and collapse. In many cases, the exact locations and extents of the abandoned mines is not known. Spotlight Geophysical Services uses microgravity to non-invasively map the extents of abandoned mines. The air or water-filled void spaces within the mine are lower density than the surrounding rock and produce low-gravity anomalies in the microgravity data. Spotlight personnel have successfully used microgravity for abandoned mine investigations in Ohio, Virginia, Iowa, Nevada, Tennessee, and Kansas.



For more information, contact Spotlight Geophysical Services at info@spotlightgeo.com on the web at www.spotlightgeo.com