

Figure 1: Conquest creates map views for different depth slices of radiant heating tubes embedded in concrete.

Conquest locates features embedded in concrete. In this example, 3-inch diameter holes had to be drilled through a concrete slab floor to route cables.

The slab contained embedded radiant heating tubes fabricated from aluminum mesh reinforced rubber tubes. The tubes have an outer diameter of 1.25 inches and are spaced 6 to 12 inches apart. This example shows an area where tubes are 6 inches apart. Factoring in the size of the tubes, that only leaves 4.75 inches between the tubes to drill a 3-inch diameter hole, leaving no much room for error.

To minimize the risk of hitting a tube, Conquest imaging was conducted at each drill location. These images show sample Conquest results.

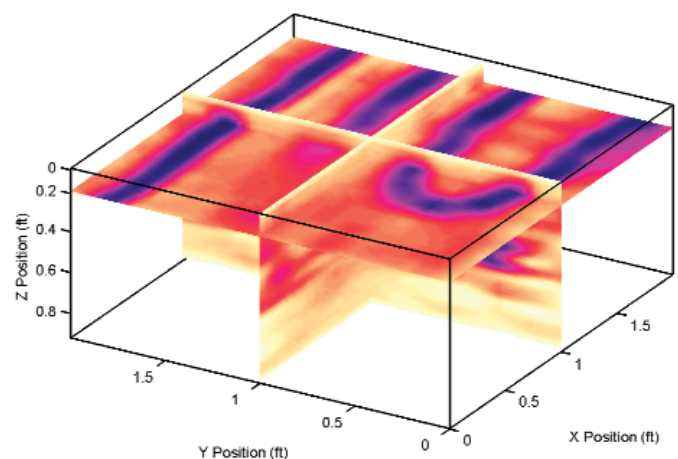
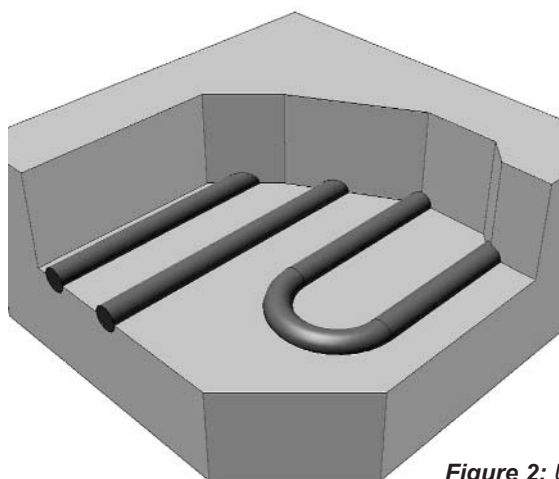


Figure 2: Using Conquest3D software you can easily create 3D views.

Data courtesy of 3Dgeophysics.com