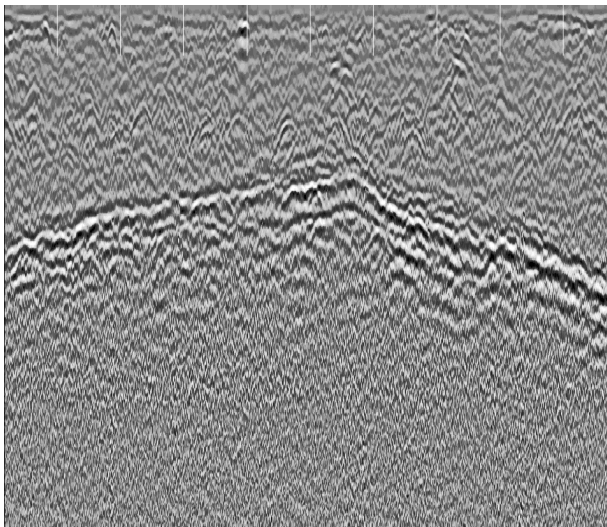


Application Note

Bauxite Exploration with GPR



CLEAR SUBSURFACE IMAGES



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Subsurface Imaging are the leaders in use of GPR for Bauxite exploration. They have completed in excess of 2000 km of GPR surveys for recon and detailed in mine scale surveys.

GPR can **image structures continuously** along existing mines roads exploration lines, and drillhole lines. It offers the advantage of detecting sudden changes in floor level that drillholes alone will miss. Resource estimation using drillholes is subject to significant errors.

Advantages of GPR include **no gaps** along the profile line, the use of GPR to map a more **accurate DTM** surface, imaging of unknown spires or surface peaks and **quicker** definition of key structures.

The figures above show **examples** of GPR collection vehicles and data samples of Bauxite interface data.