GROUNDSEARCH AUSTRALIA

FLODIM
Challenging the limits

Borehole deployable Sonar tool for mapping water-filled cavities

Current cavity survey methods are often inadequate for today's challenging engineering projects that overly abandoned mine workings.

Maximise pre-development confidence with our highly accurate, state-of-the-art, true 3D Sonar tool.

Obtain 3D void scans to determine dimensions, physical conditions and grout volumes.

Precise, calibrated depth measurements

Mine-spec safety compliance

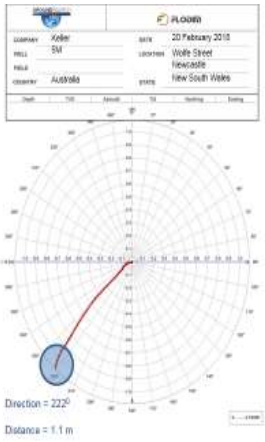
Features include:

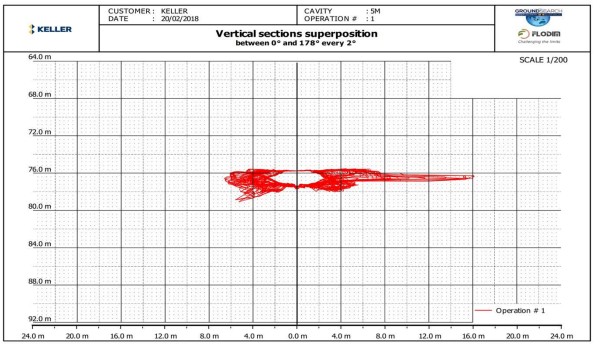
- *Deployed into cavities through H-size (96 mm) cased boreholes*
- *Deployment via drill rig or stand-alone, truck-mounted and portable survey units*
- *No need for complete tool to survey outside casing*
- *Proven technology in various cavity types*
- *Accurate quantitative and qualitative data in every direction*
- *Gyroscopic orientation accuracy – important in or around steel casing &magnetic environments*
- *Gyroscopic borehole deviation survey if required*
- *Real time data validation*
- *2D and 3D representations of cavity*
- *Surveys in elevated P & T conditions*
- *Multiple surveys combine into single model*

www.groundsearch.com.au

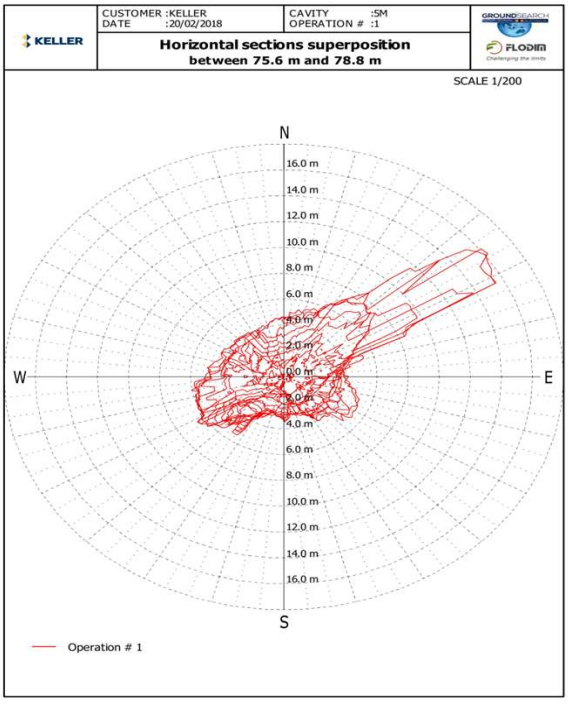
GROUNDSEARCH AUSTRALIA

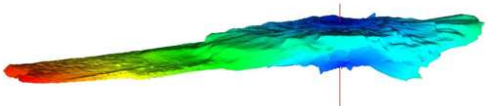
GROUNDSEARCH AUSTRALIA

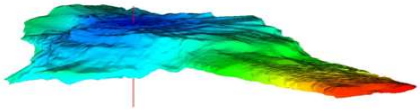


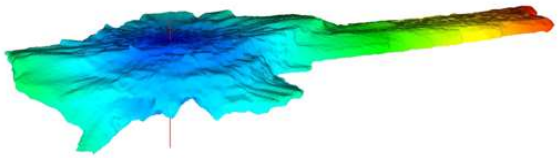


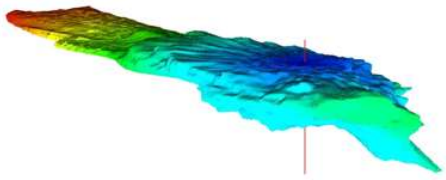
Below: N, E, S & W perspectives of solid models for a Newcastle, NSW Australia Sonar cavity survey

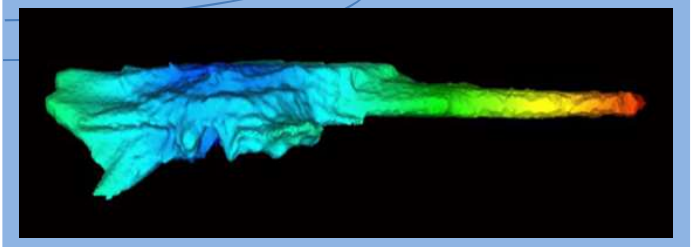












www.groundsearch.com.au

GROUNDSEARCH AUSTRALIA