

Borehole deployable laser-imaging tool for mapping air-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 laser-imaging tool.

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

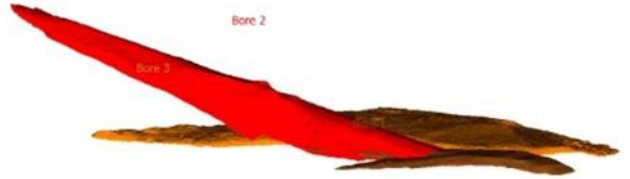
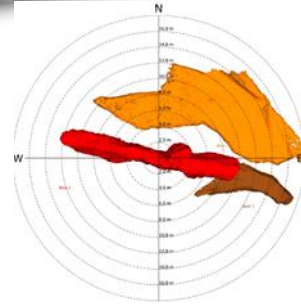
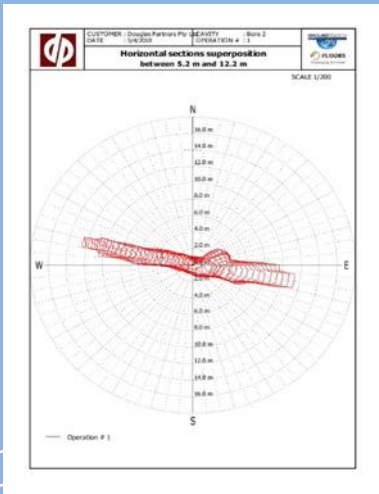
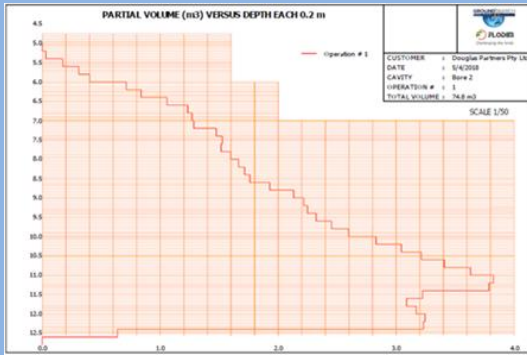
Precise, calibrated depth measurements

Mine-spec safety compliance

Features include:

- *Deployed into cavities through H-size (96 mm) open and cased boreholes*
- *Deployment via drill rig or stand-alone, truck-mounted and portable survey units*
- *No need for complete tool to survey outside casing*
- *Variable sample intervals*
- *Proven technology in various cavity types*
- *Accurate quantitative and qualitative data in every direction*
- *Magnetic compass orientation*
- *Real time data validation*
- *2D and 3D representations of cavity*
- *HD video and stills whilst surveying*
- *Multiple surveys combine into single model*





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

