asims

acoustic scanner, optical televiewer and sonic log interpretation

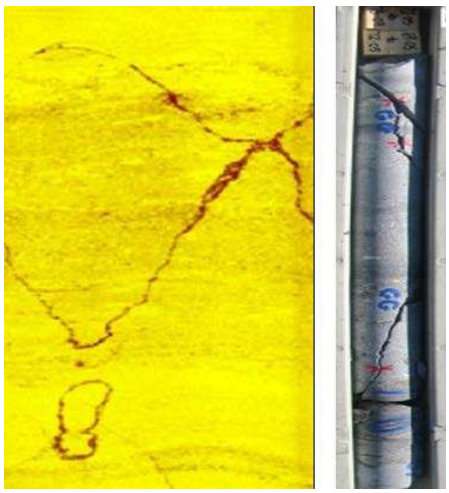
Providing quality geotechnical data

ACOUSTIC SCANNER/OPTICAL TELEVIEWER REPORT

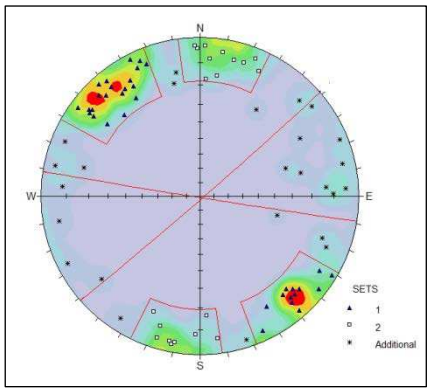
Provides orientation data from downhole geophysical and optical logs. This data can assist with ground and slope stability assessment, infrastructure planning and development, optimisation of foundations and drainage, and potential hazard reduction.

asims, established in 2000, is a joint initiative between McElroy Bryan Geological Services (MBGS) and Seedsman Geotechnics (SPGL). Our experienced geologists use in-house techniques to extract only relevant and reliable data to derive geotechnical parameters. Data can be sourced from both core and non-core holes, provided the drill hole wall is reasonably smooth.

Acoustic scanner amplitude log *Core photo*



Integrated interpretation



Stereonet analysis of joint sets

OUR SERVICES COMPRISE

- interpretation of discontinuities from acoustic scanner and optical televiewer data
- if available, core photographs and geotechnical logs are used to perform an *integrated interpretation* of the scanner data. This type of interpretation is a speciality of *asims* and provides a more thorough assessment of data and greater confidence in identified discontinuities
- analysis of interpreted data, including grouping data into major and minor sets and extracting average orientations

OUR REPORT CONTAINS

- orientation of bedding, joints and faults
- defined discontinuity sets
- direction of the principal horizontal stress from borehole breakout (only inferred breakout can be determined using the optical televiewer)
- comprehensive presentation of data including tabulated and graphical outputs

Contact us for a copy of a demonstration report

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