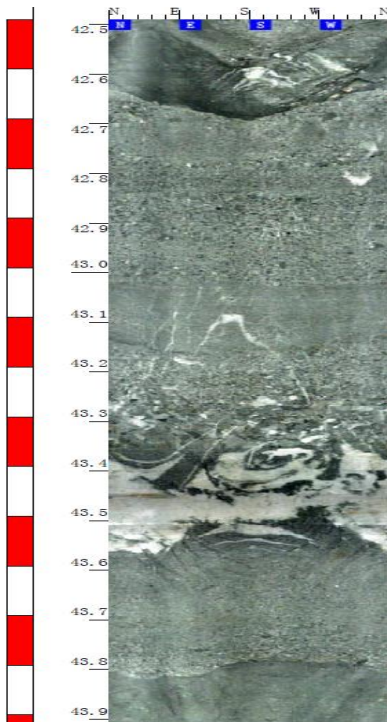
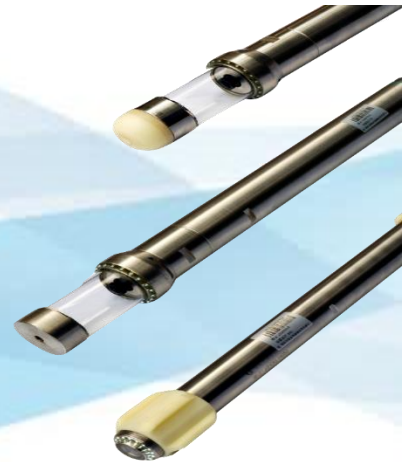


# Televiewer Survey



TS-C1201

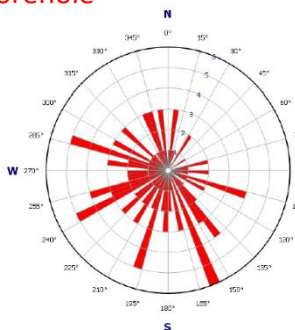


## Cutting edge technology

Ryobi Geotechnique International Pte Ltd is one of the leading investigators in this region for the survey of rock discontinuities inside borehole using an Optical Televiewer (TS-C1201). This series of televiewer imaging can capture high resolution images of rock inside borehole and obtain a complete rock analysis, including dip, strike, frequency and aperture of the fracture even in low light condition.

The equipment has good battery life and can operate over 10 hours, decreasing the chance of work disruption due to low battery. In addition, images are saved in a wide array of file format (JPG, BMP, PDF) which makes transition from the equipment to computer with ease.

High resolution image showing details of rock fractures inside borehole

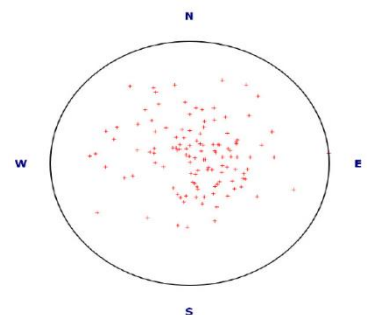


Discontinuities – Stereonet Diagram

Equal Angles  
121 Poles  
121 Entries

Discontinuities – Rose Diagram

Azimuth Mean = 205.87  
Dip Mean = 38.38  
121 Planes Plotted

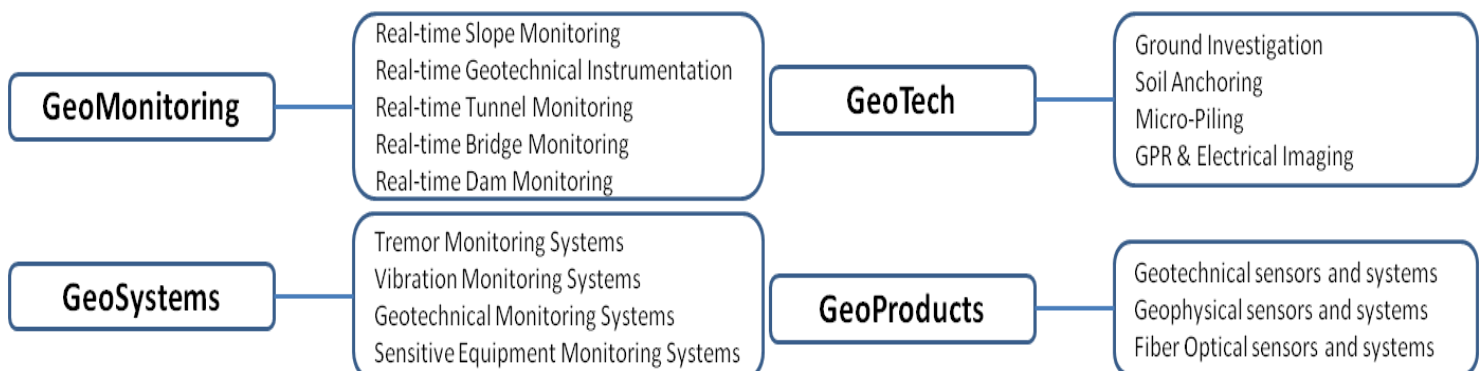


### Advantages:

- Program hardware is compatible with different types of software and sensors
- Equipment is water / dust proof and compact, with high portability and user friendliness
- Low energy consumption, can operate over a long period of time
- Camera can rotate 360 degrees to capture rock images along the shaft of borehole formed by diamond coring method
- High resolution images are captured at 25FPS by the camera which is able to capture images in low light environment at any depth inside the borehole
- Precise detection of cracks up to 0.1mm in width and deviation of cracks/joints at 0.1°, which cannot be determined in conventional rock coring works.



## Ryobi Geotechnique International Group



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