GEOSYSTEMS

STRESS 201i
Isotropic Analysis Program

OVERCORING TEST - HI CELL

(Chart: MICROSTRAIN vs OVERCORE DISTANCE (cm). Curves labelled E90, C90, B90, C45, F90, A90, D135, B45, B135, C0, A45, A0.)
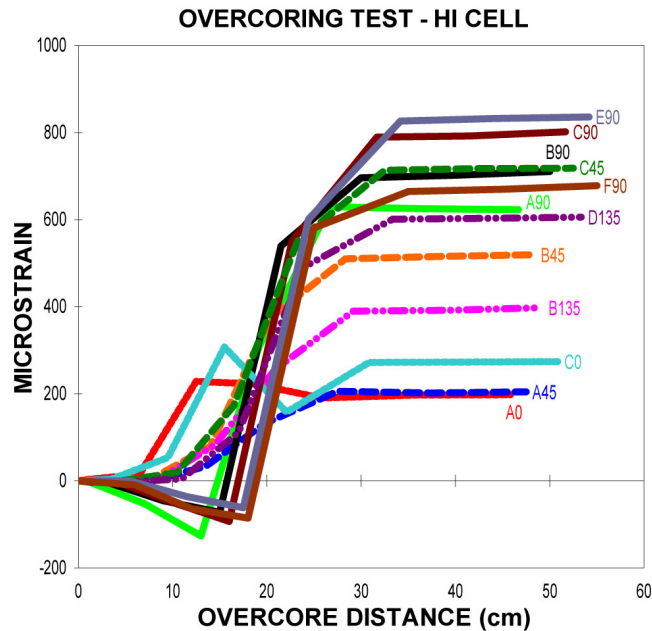
APPLICATIONS

Stress Analysis is an isotropic analysis software designed to calculate absolute rock stresses or stress changes for data obtained from CSIRO Hollow Inclusion Cells. Calculated stress components and those principle stresses are entered into numerical models for scope and mine design. Stress measurements are very useful in optimising mine design. The CSIRO HI Cells are used for obtaining measurement in both rock or concrete. Hence they're suitable for applications including mines, dams, bridges, tunnels, underground storage caverns.

FEATURES

- Calculates absolute rock stresses or
- rock stress changes for data obtained from
- CSIRO Hollow Inclusion Cells
- User friendly tool bar used to convert,
- calculate & generate data plots
- Overcoring & biaxial conversions
- Calculate stress magnitude & direction
- Rock property calculations
- Generate overcoring & biaxial graphs automatically
- Data is imported and exported very easily
- Multiple work sheet ready

MADE IN AUSTRALIA

bsi. ISO 9001 Quality Management