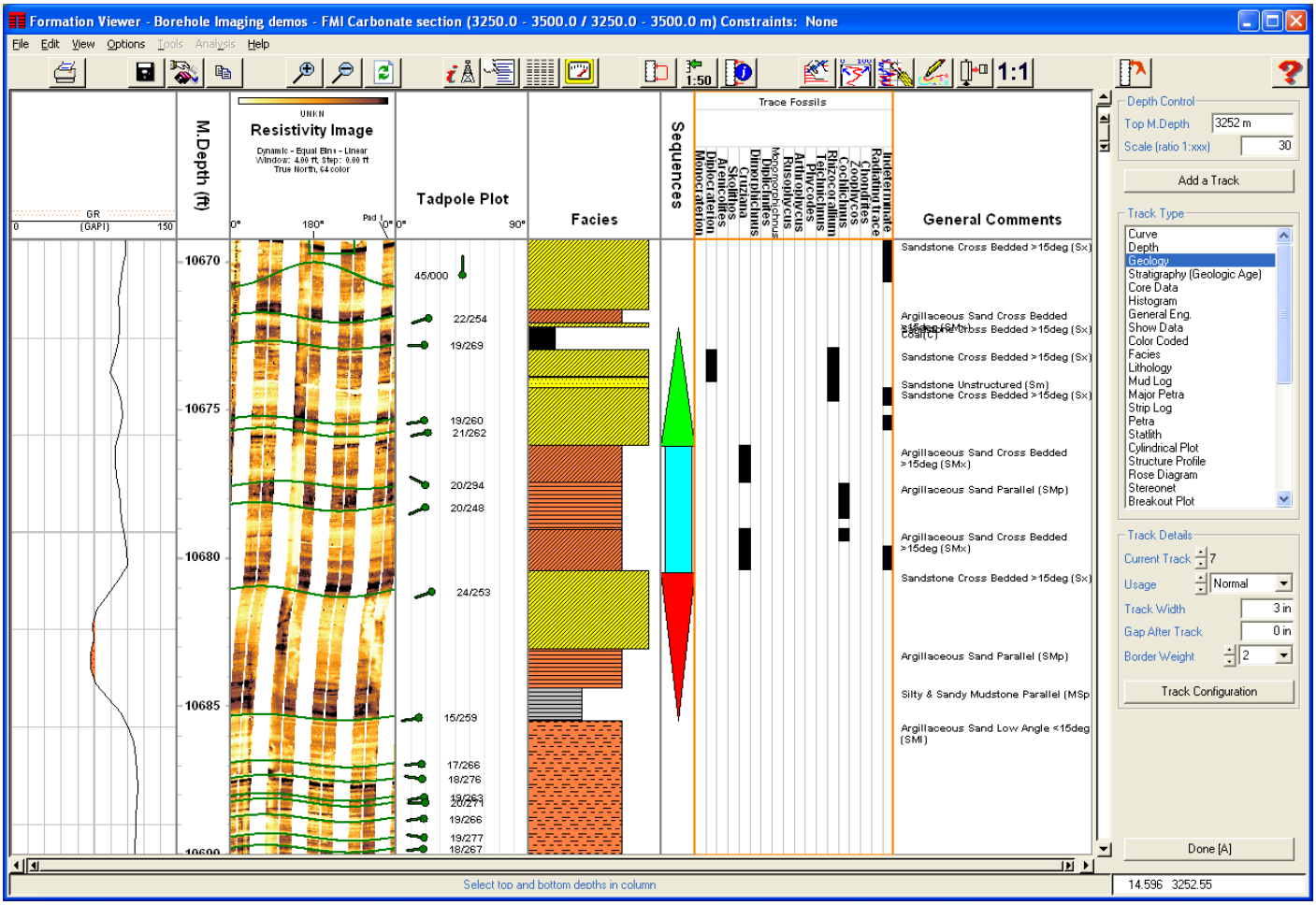
Facies Analysis

TERRASCIENCES provides one of the most advanced, yet easy to use, packages for the display and analysis of well data available today. Using a combination of tools it is possible to perform sophisticated facies interpretation.



User definable Facies Schemes

TerraStation provides infinite flexibility for defining your own facies schemes. You can tailor existing schemes to your own needs, or define entirely new ones.

Identifying Facies Units

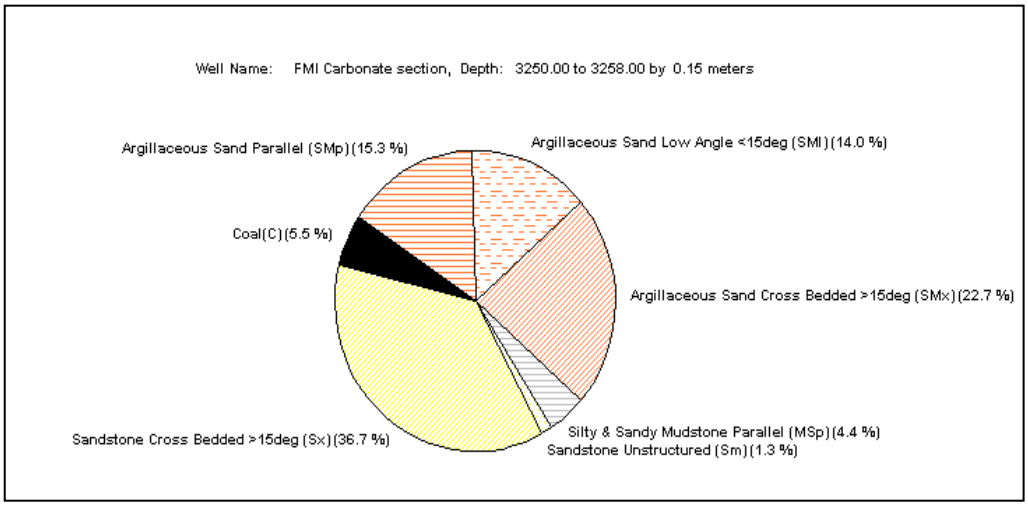
Interactively point and click to define facies units. Display any supporting data with your facies display to enable you to quickly identify your units. Several different facies interpretations can be performed in a well allowing for comparison of interpretations between geologists.

Additional information schemes

It is easy to use existing, or add new, schemes for such things as transgressive/regressive sea level sequences, trace fossils, biostratigraphy, petrographic information to bring together all your geological information into one database and to one display.

Data Display and Reporting Options

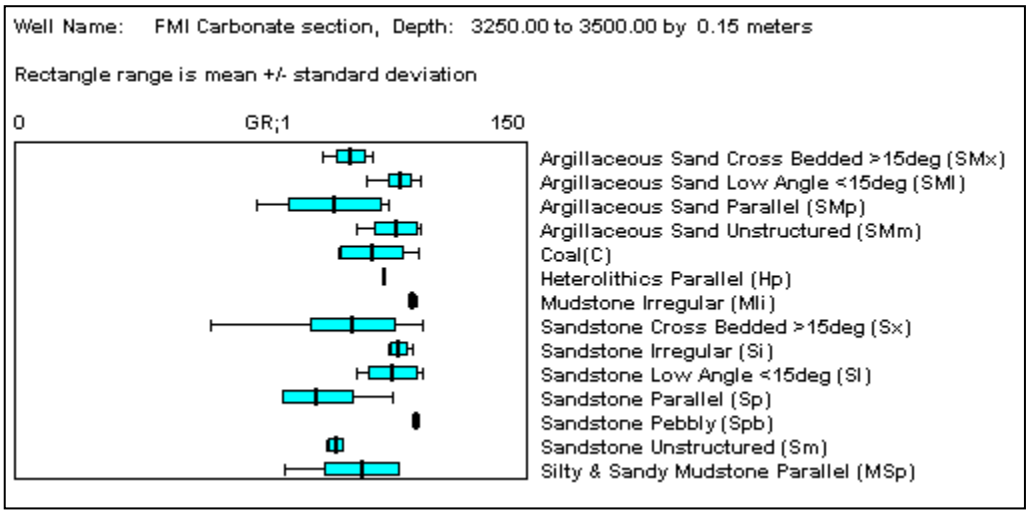
You can generate pie charts on any interval, or series of intervals. Display them on maps to see the facies distribution over an area.



Displays in the Dip Analysis and Crossplot modules can be color coded by facies to allow analysis of the facies information on azimuth vector plots, dip vs azimuth displays, and more.

Facies identifier can be used as a 'constraint' in the many display and analysis options throughout the TerraStation suite.

Bar charts of curve response in each facies provide assistance in defining ideal log responses for each facies.



'Cloud' plots of log response in each facies are also available.

Reports of total thickness of each facies are available. Thicknesses can be MD, TVD, TVT, or TST based.

Counts of number of picks, pick spacing or pick density per facies can be easily generated.

Incorporate core photographs, thin sections, and any other images into your display.

Support and Training

TERRASCIENCES provides immediate telephone and email support by trained earth science professionals. A regularly updated web site, electronic newsletter, and training courses are also available. All product upgrades are included in the maintenance and support fee.

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