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No gimmicks, no extra costs – **GeoCAD®** is developed by logging professionals, uniquely combining decades of knowhow to deliver streamlined workflows with an efficient, easy-to-use windows-based package, producing industry-standard reports so you can unlock the true value of your data. ”

GeoCAD®



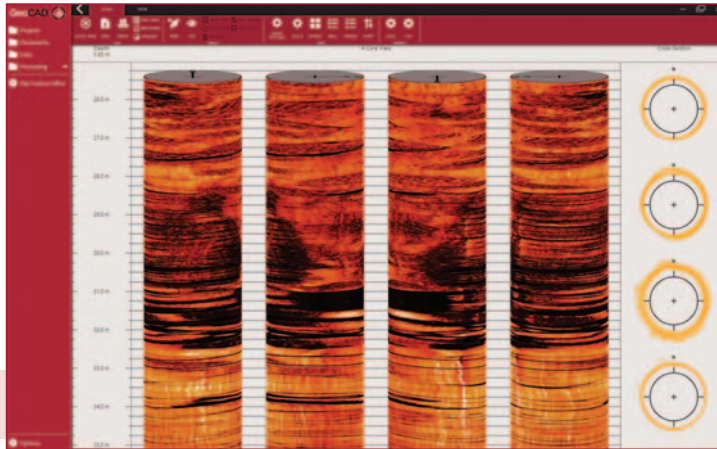
GeoCAD®
for Televiewers

RGeo-eye®
VISUALIZER

GeoCAD® and RGeo-eye® are **ROBERTSON GEO** registered brands

GeoCAD®

for Televiewers

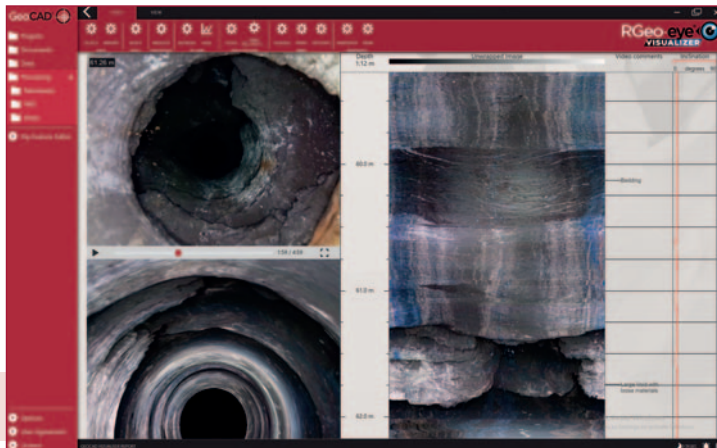


No gimmicks, no extra costs – **GeoCAD®** is developed by logging professionals, uniquely combining decades of knowhow to deliver streamlined workflows with an efficient, easy-to-use windows-based package, producing industry-standard televiewer reports so you can unlock the true value of your data.

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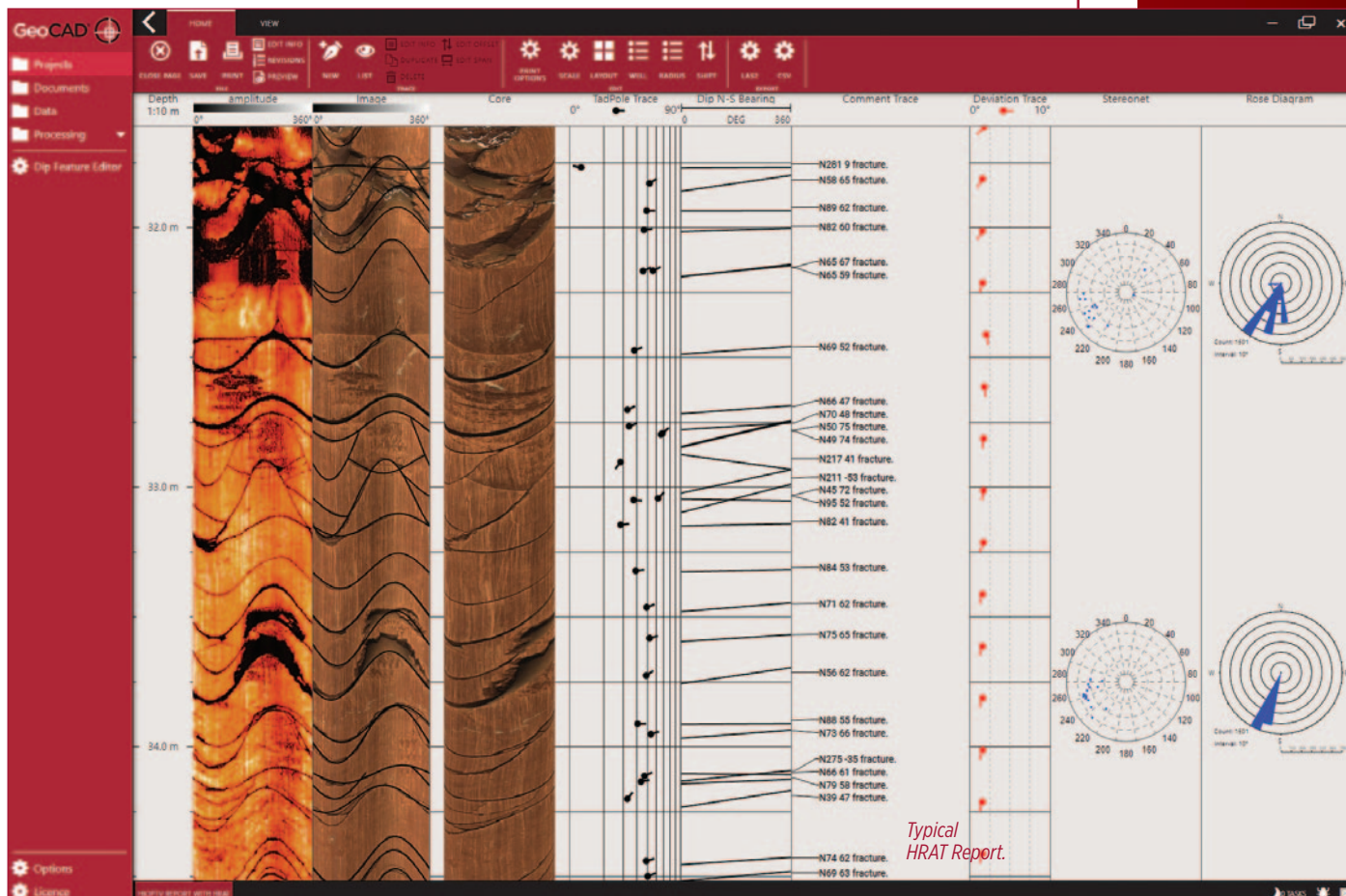
RGeo-eye®

VISUALIZER



RGeo-eye® Visualizer redefines borehole camera surveys by providing a full 360° unwrapped image of the borehole. Unlike conventional camera systems, which rely on the operator spotting and recording a side view video of a potential problem in the borehole, RGeo-eye® Visualizer records the complete sidewall or casing, leaving nothing to chance.

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*Typical
HRAT Report.*

GeoCAD® is a windows-based package for processing, interpreting, and displaying acoustic and optical televiewer image logs. Standard log presentations include tadpole and stick plots, stereographic projections of poles to planes and azimuth frequency diagrams. The synthetic core display allows the convenient comparison of log and field data for the orientation of fractured or incomplete core sections.

Developed by logging professionals with their reporting needs in mind, the software focuses on producing industry-standard televiewer reports quickly and reliably - all you need to create quality reports without any gimmicks and unnecessary and costly extras.

GeoCAD® for Televiewers

With the emphasis on deliverables, the easy to navigate module and pre-set templates reduce processing time without any compromise on quality. **GeoCAD®** is the software of choice for all logging users looking to reduce costs, improve workflows and enhance time management.

Standard reporting made easy is an important element of **GeoCAD®** and helps users to produce consistent, high-quality results no matter who processes the data.

User Experience

- Easy to navigate
- Pre-set industry standard templates
- 'Drag & drop' data import
- Quick and easy feature picking tools
- Simple and effective 'final report' wizard
- Standardised reporting
- Flexible printing option

Standard Outputs

- Detailed Reports
- Feature Picking Log
- Core Log
- Deviation Log
- Fracture Analysis
- Ovalisation Analysis
- Breakout Log
- 3D Core Log
- Image Log
- Tabulated Data

GeoCAD® Features

- Quick selection menu's
- Drag & drop layout configurator
- Powerful feature picking tools
- Dip style editor
- Real-time data logs
- Easy-to-use document creator
- Data generator/export wizard
- Revision log

Televiewer Interpretation and Processing

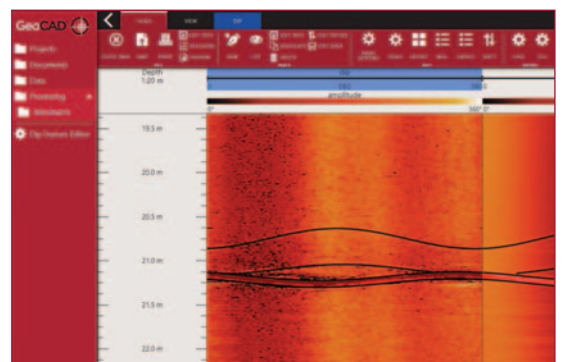
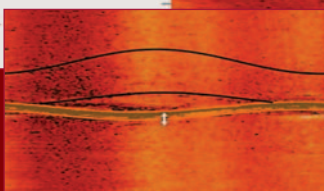
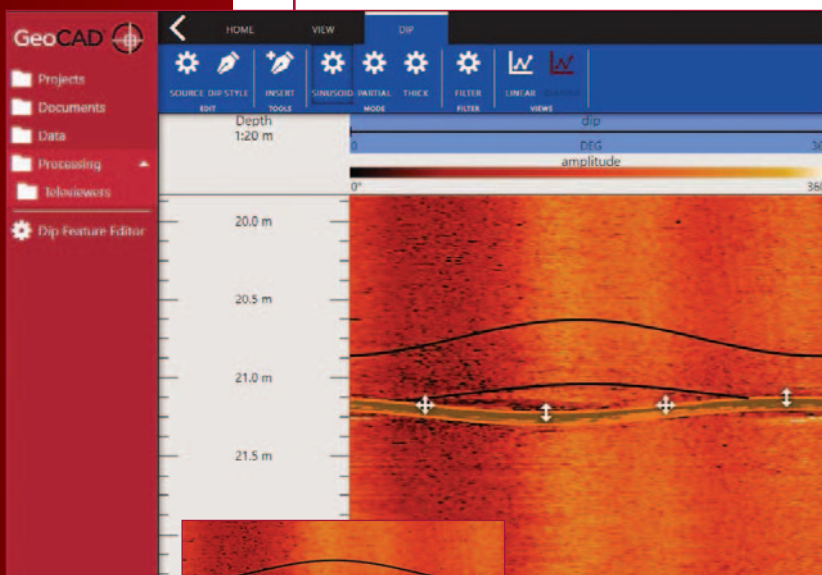
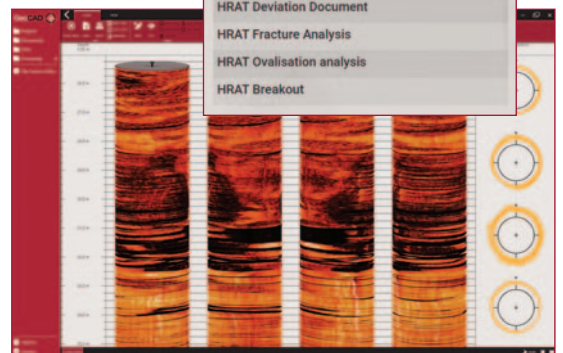
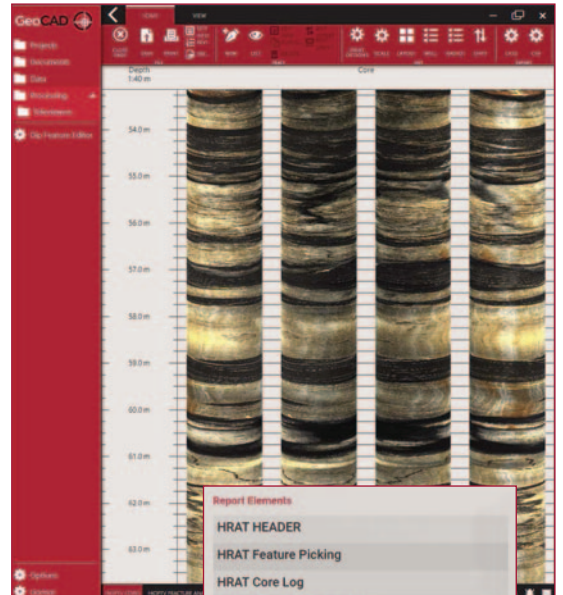
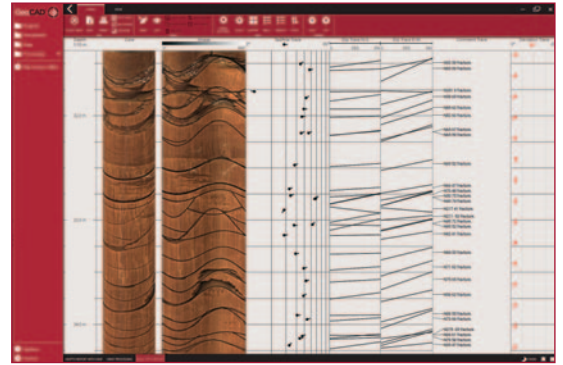
GeoCAD® provides structure picking tools, feature classification, correction, classic reporting and visualisation of Robertson Geo image logs. **The seamless log acquisition to processing workflow offered by the GeoCAD® platform provides the customer with a unique and unrivalled experience.**

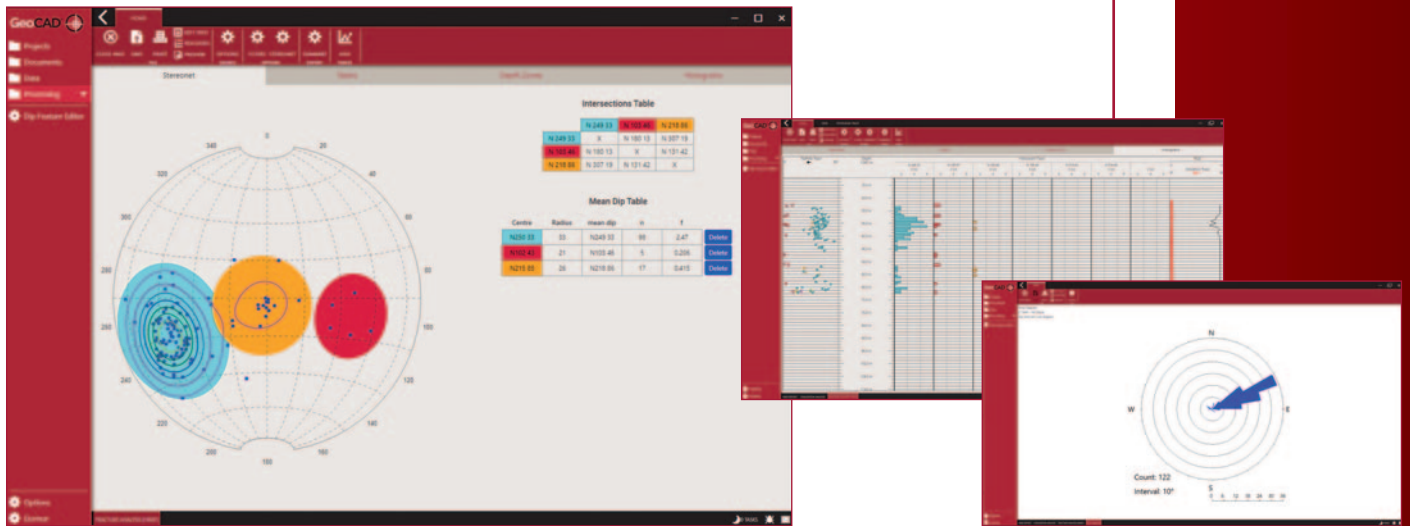
The GeoCAD® processing and interpretation toolbox provides:

- Unlimited recording of picked bedding and fracture features with azimuth, dip and thickness or aperture reported
- Features can be categorised (classed) using a fully customised menu
- The picked features can be complete or partial
- The recording of linear features such as breakout and tensile fractures
- Feature thickness
- Features are displayed as a sinusoid, partial sinusoid, tadpole and stick plots
- Dips can be presented as stereonet, histogram or rose diagram
- The original core images can also be imported and presented with the process logs

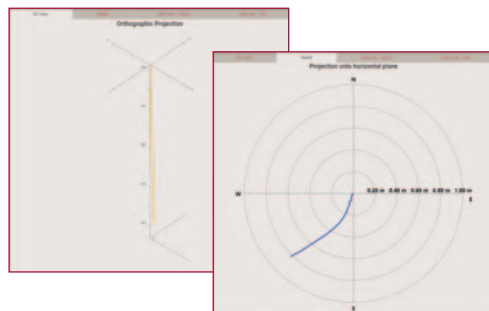
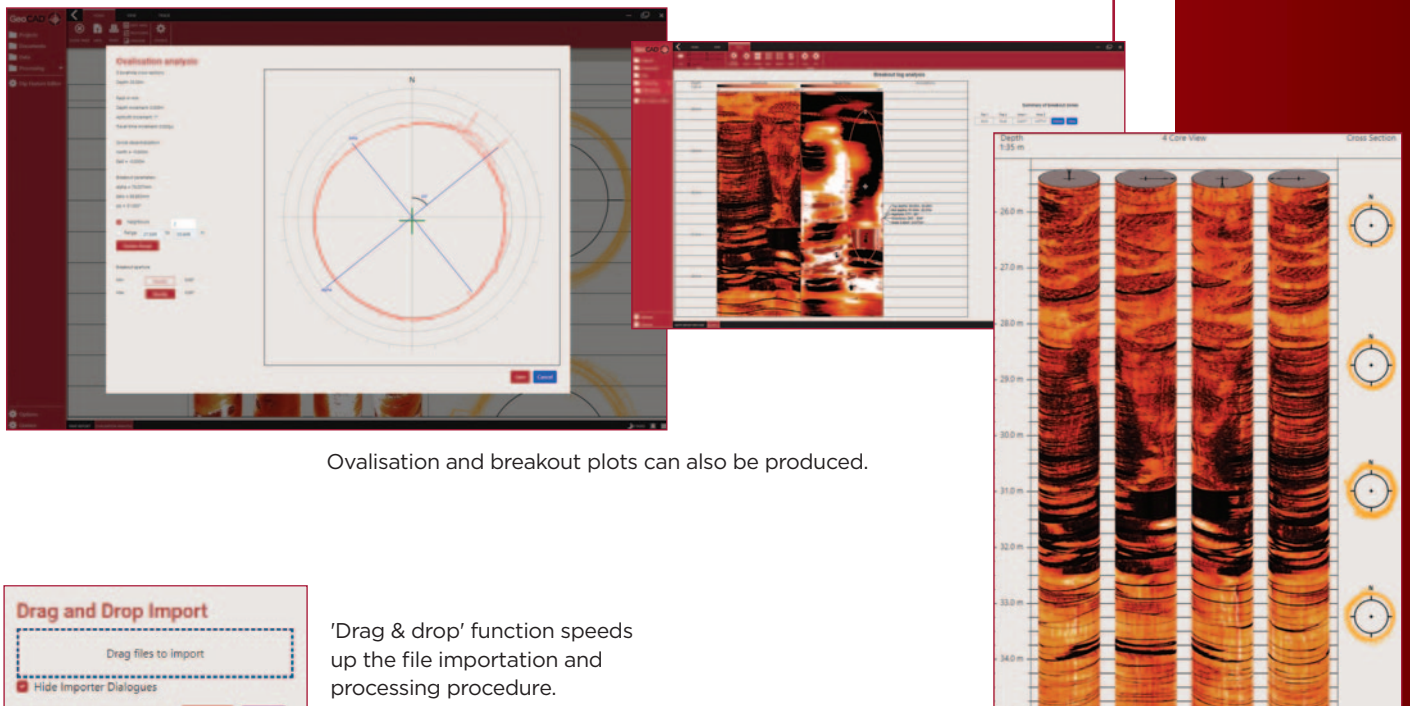
GeoCAD® for Televiewers fast and easy to use 'feature picking' interface saves time and is an ideal platform for professional and first-time users alike.

Users can create individual 'classifications' using the feature editor and set defaults for commonly selected features. The dip menu allows the selection of feature type by sinusoid, partial and thick. The 'thick' function will measure the thickness of the bedding or fracture picked as shown in the example below.

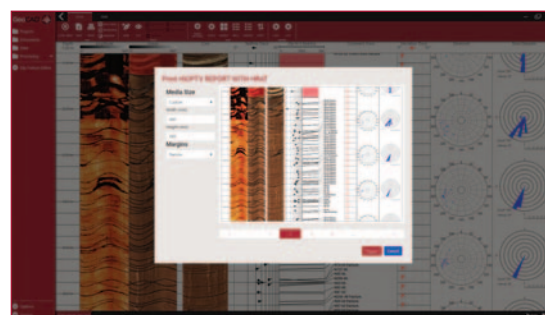




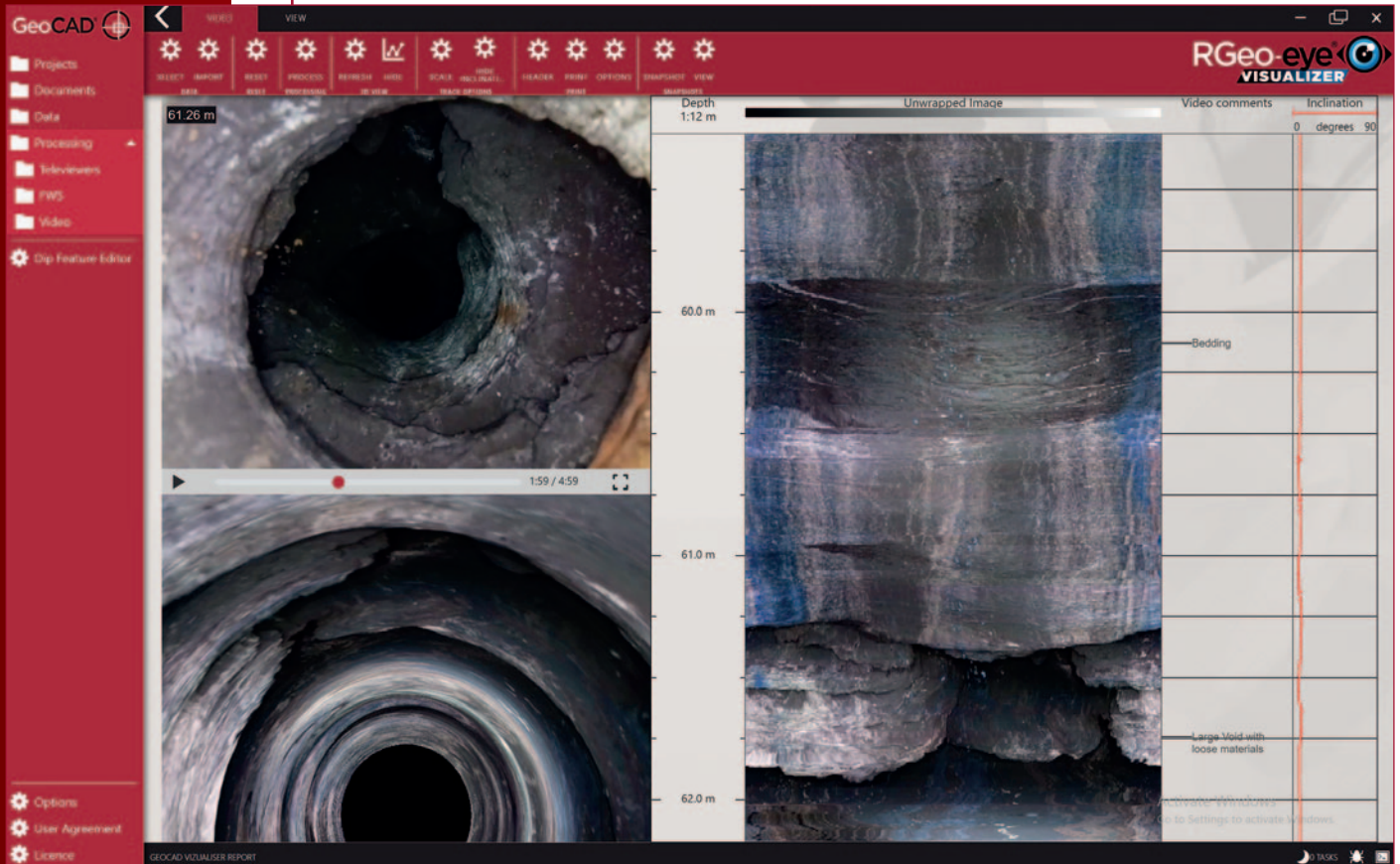
Other typical outputs as part of the fracture analysis module include the generation of stereonet, histogram and rose diagrams.



Standard deviation plots and data sets are available as part of the reports.



Flexible print wizard makes reporting quick and easy.



RGeo-eye® Visualizer redefines borehole camera surveys by providing a full 360° unwrapped image of the borehole. Unlike conventional camera systems, which rely on the operator spotting and recording a side view video of a potential problem in the borehole, RGeo-eye® records the complete sidewall or casing, leaving nothing to chance.

Developed by logging professionals with their reporting needs in mind, the software focuses on producing industry-standard video reports quickly and reliably.

With the emphasis on deliverables, the easy-to-navigate module and pre-set templates reduce processing time without any compromise on quality. The RGeo-eye® Visualizer module within GeoCAD® is the software of choice for all logging users looking to reduce costs, improve workflows and enhance time management.



- 100% of the borehole or casing sidewall is recorded every time
- No longer dependent on the operator spotting and recording features
- No more disorientating videos to interpret
- RGeo-eye® delivers a down view video, a full 360° unwrapped image of the entire borehole and a 3D fly-through image of the borehole
- Quick and easy data collection - as the unwrapped image is produced after the down view video is obtained, the user just needs to make a record the down view video, as there is no longer any need to waste valuable time scanning the borehole walls looking for features
- One easy-to-use interface allows users to replay, review and comment on videos, take screenshots and produce standard reports; it couldn't be easier

USER EXPERIENCE

- Easy to navigate
- Simple video import tools
- No need to replay multiple side view video
- Video, Unwrapped and 3D outputs all on one display
- Video Comments/Snapshots
- Quick and easy to use
- Simple Report Wizard

STANDARD OUTPUTS

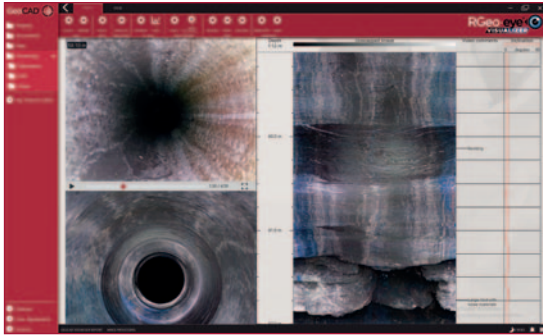
- Standard down-view video
- Full 360° unwrapped image
- Spanshots with depth and time display
- Industry-standard log header
- PDF Reports
- Comments against depth
- Borehole inclination log

VISUALIZER FEATURES

- Quick selection menu's
- Triple view visualizer
- Full control over image scaling and output
- Flexible comment writing/editing tools
- Image drag & rotate
- 3D Visualiser
- Data import/export wizard

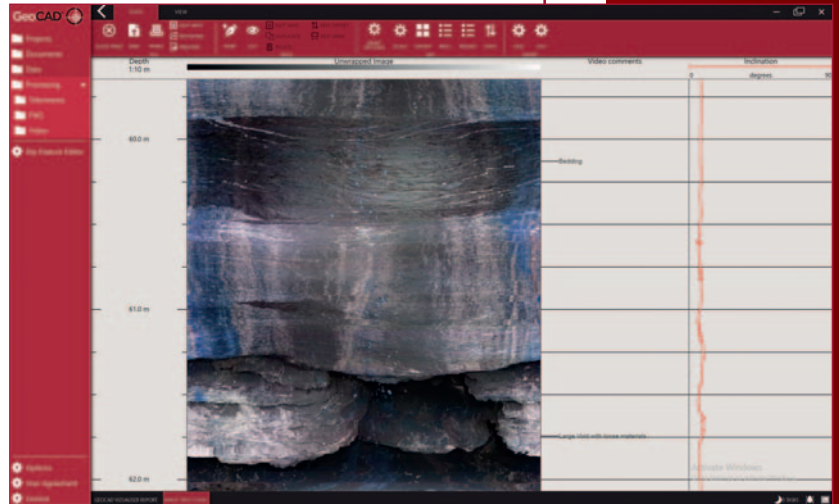
VIDEO PROCESSING

Once the down view video is downloaded, the 360° unwrapped image is just a click away.



Standard Triple View Visualizer.

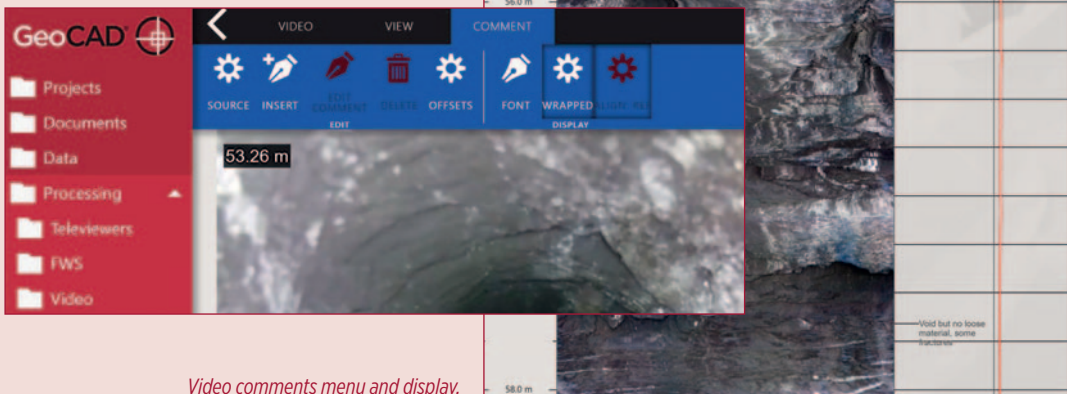
The full-width display allows a more detailed analysis of the full borehole image. Unlike conventional side-view camera outputs, users know exactly where they are in the borehole. No more disoriented images and reliance on the operator to capture features.



Detailed 'unwrapped' display.

COMMENTS & OBSERVATIONS

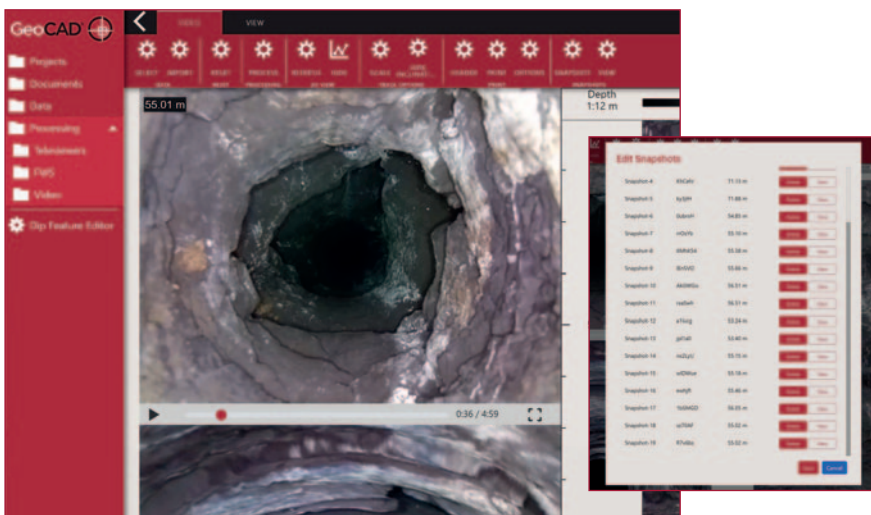
Comments and observations can be displayed against depth. These can be edited or deleted at any time.



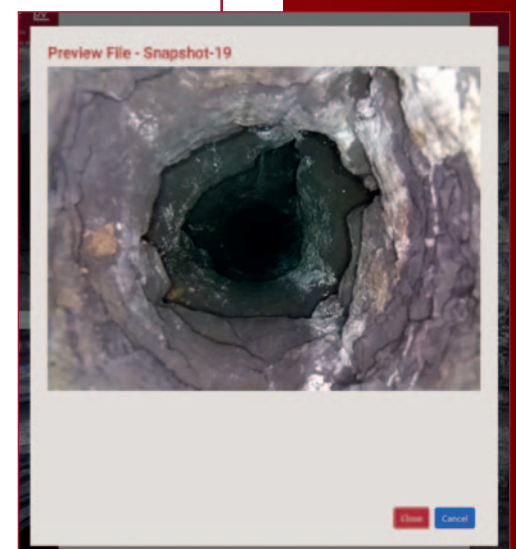
Video comments menu and display.

SNAPSHOTS

Snapshots can be taken during replay, and can be viewed and edited before saving for inclusion in the final reports.



- Snapshots can be viewed and edited at anytime
- Depth and video time is recorded on the snapshots for the final reports



Example snapshot.

REPORTS AND DATA EXPORT

The report wizard provides a user-friendly reporting routine, which is quick and easy to use. Standard reports have never been easier.

Video unwrapping header

		PROJECT	GEOCAD VIZUALISER
		LOGNAME	RGEOEYE
Date	27 JUNE 2022	Start Depth	52.74 m
Sonde	RGEOEYE 1000	End Depth	73.01 m
Company	RGASIA	Total Depth	20.27 m
Well Name	DEGANWY	Total Log Time	300 s
Field Name	RG TEST HOLE	Comments	
Country	UNITED KINGDOM		
State	WALES		
County	CONWY		
Latitude			
Longitude			

Video printing options

Print:

Header ☒

Snapshots ☒

Log ☒

Log range to print:

Start m

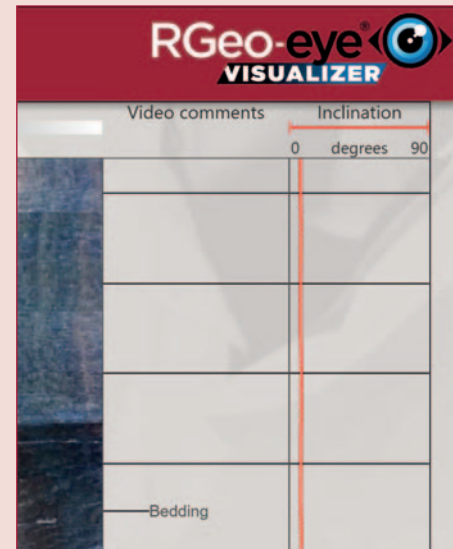
End m

Save Cancel

Standard header and report printing options.

BOREHOLE INCLINATION

Borehole inclination is also given, and this can be used to determine 'true vertical' depth, or provide vital information to aid pump installation etc.



Inclination display.

You simply select which elements you wish to include in your report and the wizard handles the rest. Standard reports are presented in a PDF format, and data images, video files and log data can also be exported in industry-standard formats.

Print Video

Media Size: A4

Margins: Normal

Save internal copy: ☐

Print Cancel

Standard printing layouts.

Print Video

Media Size: A4

Margins: Normal

Save internal copy: ☐

Print Cancel

Snapshot with depth and time.

Print Video

Media Size: A4

Margins: Normal

Save internal copy: ☐

Print Cancel

Unwrapped image, comments and Inclination.

Recommended minimum viable computer specification: Operating System: Windows 11 (64-bit) | Processor: Intel Core i7 or AMD Ryzen 7 (or equivalent) | Memory (RAM): 16 GB minimum | Storage: 512 GB PCIe M.2 SSD minimum | Graphics: Dedicated GPU