

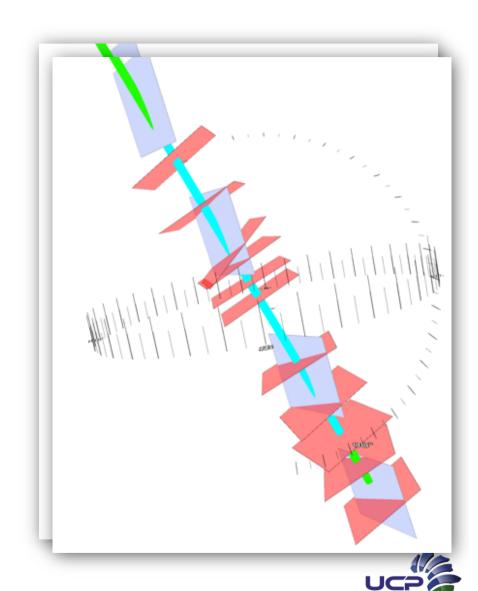
Introduction

Recording structural data using ScanIT effectively turns structural core logging from a 1D into a 3D operation, providing an order of magnitude of accurate reliable data. The program calculates the precise X,Y,Z coordinates for each joint or fault etc. recorded in the core and by expanding the planes provides a structural 3D model that if necessary can imported into any geotechnical or mine modelling software.

As an example, instead of just measuring the Joint Frequency along the borehole, then applying complicated factors as in the Terzaghi Correction to illuminate bias, the program automatically calculates the True Joint Spacing (TJS) of individual structural features exposed in the core.

The quality of the data that can be produced from ScanIT is totally reliant on the quality of the input data, implying that the borehole should be properly and reliable orientated, this can only be achieved if;

- the borehole should be inclined at <75°,
- only core larger than NQ should be drilled,
- all the Orientation Discontinuities, represented by broken or crushed core and loss zones should be recorded on the core.



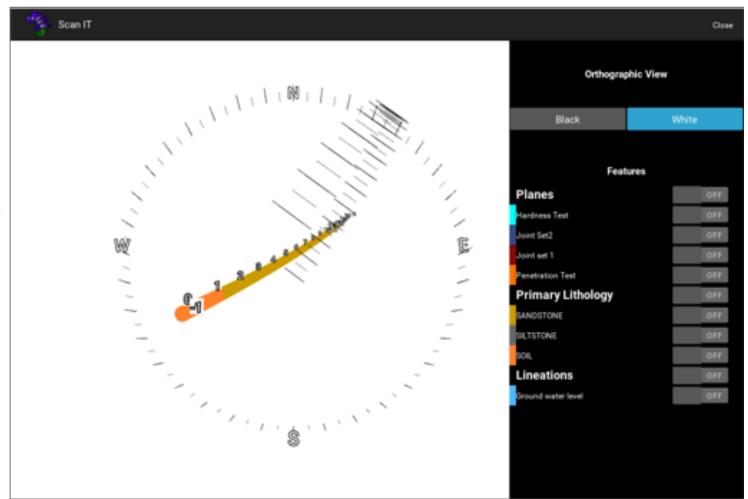
Preamble

To demonstrate the potential and unique attributes of ScanIT in a geotechnical environment a mock 50m deep hole, dipping at approximately 70°/040° was established.

It is presumed that the borehole has been downhole surveyed and properly orientated using the TOC as a reference plane.

Images from a previously bored hole were imported into ScanIT, all the automatically detected gaps/breaks were adjusted, core losses allocated and the images accurately depth referenced.

Geotechnical dictionaries containing typical geological descriptors are setup in Excel and imported into ScanIT to log the borehole.





Geotechnical Dictionaries

| Weathering | Secondary Description | Material Descprition | Modifier 1 | Colour mod | Colour 2 | Colour 3 | Moisture | Fabric | MICROFABRIO |
|---|-----------------------|----------------------|---|------------|----------|----------|----------|------------------------------------|-----------------------------------|
| Decomposed to a soil with no evidence of texture of original rock, | r Silty | s SOIL | with a trace clay or silt. | p Pale | grey | /grey | d Dry | thinly laminated | brecciated |
| Totally weathered, exibits soil properties but there is still | Clayey | CLAY | with clay or silt clayey or silty in plac | d Dark | brown | b /brown | me moist | coarse grained | mic medium bedde |
| Highly weathered, with evidence of limonite staining or bleaching | A Sandy | METAGREYWACKE | wih trace of sand or gravel. | m Light | b black | /black | - wet | medium grained | widely bedded |
| Mildly weathered with evidence of limonite staining or bleaching | Carbanaceous | SANDTONE | with gravelly sections. | u Dull | green | /green | | - massive | |
| Slightly weathered with only partial staining or discolouration and | | QUARTZITE | | s Shiney | - orange | /cream | | | |
| Unweathered, the rock substance is uneffected. | | SILTSONE | | | cream | /buff | | | |
| | | 6 GRANITE | | | r buff | | | | |
| | | w MUD | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |

| | THE Assess of Discontinuity Surface Bauchases | | Defendancies Washing Infill to a | | March and a | | | | I Brook | | | | | | |
|-------------|---|------------------------------------|---|--|-----------------------------|---------|---------------------------------------|---|---------|----------|-----|---------------------------|-----|-----------------------|--------------|
| STRUCTURE | _ | Apeture of Discontinuity Surface | Discontinuity Surface Roughness | | Defect spacing Waviness | | innii type | Infill type Weathering | | Hardness | | Strength | _ | Groundwater | |
| JOINT SET 1 | - | Wide apeture | with pollished surface | :: Extremely Close Spacing (<20mm) | Discont | tinious | cs. Calcite infill. | of original rock, 5 | | Hard | 30 | Extremely Weak 0.25-1MPv | - 6 | Dry | 0 t/m |
| JOINT SET 2 | - | Moderatly wide apeture | with a rough surface | Very close spacing (20-60mm) | - Planar | | Carbonate infill. | there is still evidenceof the yexture of the original 4 | | 9 | 9 | Very Weak | 5 | Weak flow rate | < 10 Vm |
| FAULT | un | Moberatly narrow apeture (30-60mm) | with a smooth surafce | Close spacing (60 - 200mm) | Steppe | d | Clay infill. | staining or bleaching and the colour of the 3 | | 8 | 8 | Weak | 4 | Moderate flow rate | 10 - 25 Vm |
| TEST SAMPLE | - | Narrow apeture (6-20mm) | with slightly rough surface | Medium spacing (200 - 600mm) | Undula | ting | Graphite infill. | staining or bleaching and the colour of the 2 | | 7 | 7 | Medium Strong | 3 | Strong flow rate | 25 - 125 l/m |
| | va | Very Namow apeture (2-6mm) | wih a very rough surface | Wiide spacing (soo - 2000mm) | · Irregula | ar n | Pyrite infill. | discolouration and the colour and texture of the 1 | 1 | 6 | - 6 | Strong | 2 | Very strong flow rate | > 125 Um |
| | in. | Extremely narrow apeture (0-2mm) | | ve Very wide spacing (2000 - 6000mm) | | | Talc infill, | Unweathered, the rock substance is uneffected. 0 | | 5 | 5 | Very Strong | 1 | | |
| | , | Tight (0mm) | | := Extermly wide (>6000mm) | | | | | | 4 | 4 | Extremely Strong . 250MPs | 0 | | |
| | | | | | | | | | | 3 | 3 | | | | |
| | | | | | | | | | | 2 | 2 | | | | |
| | | | | | | | | | | 1 | 1 | | | | |
| | | | | | | | | | | a subfer | - 0 | | | | |

LITHOLOGICAL DICTIONARY STRUCTURAL DICTIONARY +

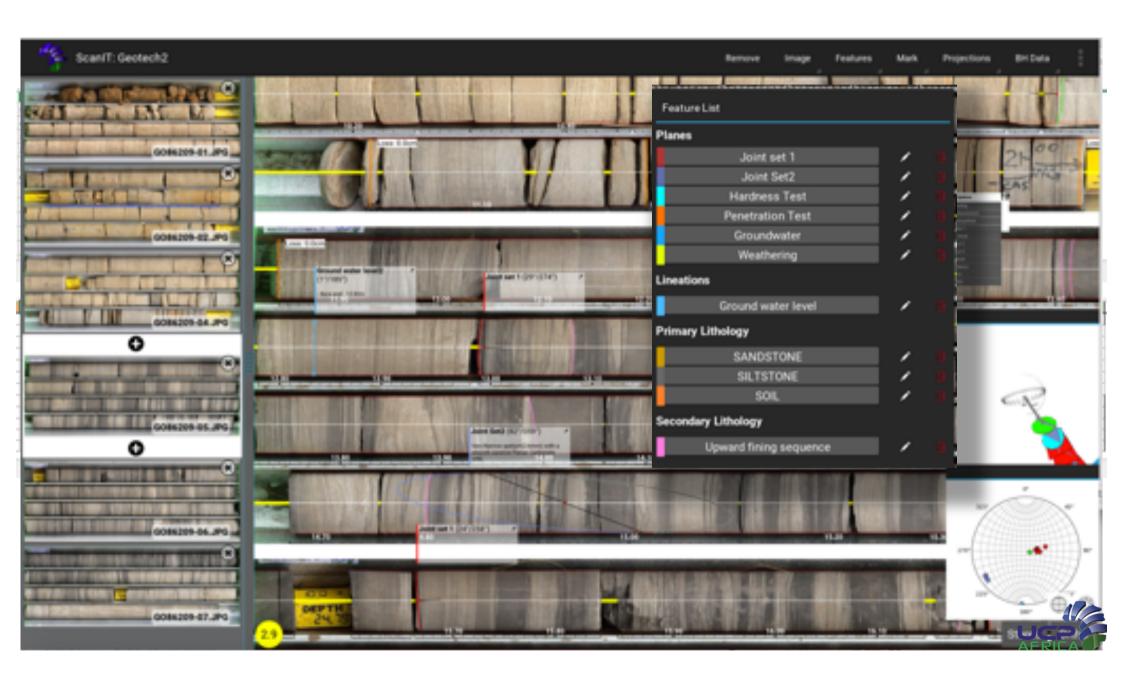
Existing corporate dictionaries can be imported into ScanIT, otherwise the various Dictionaries can be set up at the beginning of a project, to form the background or basis of the geological and structural log.

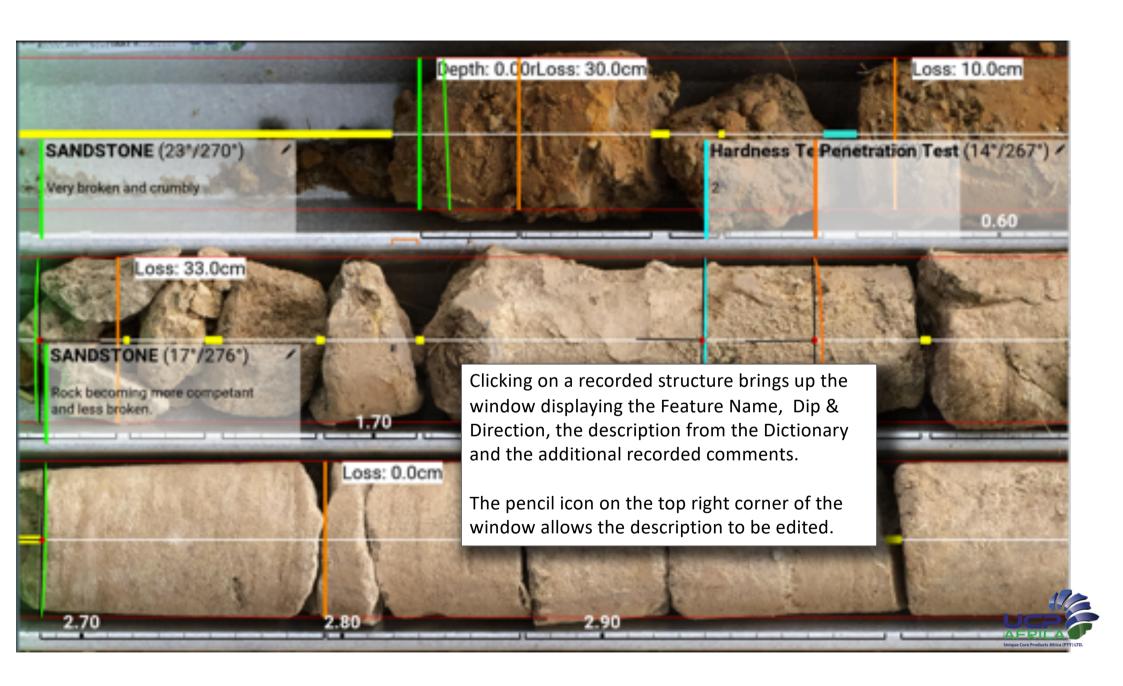
The Dictionaries are customizable and easy to use, the descriptors can either be descriptive and included into the geological log or quantifiable and included as graphical presentation in the log.

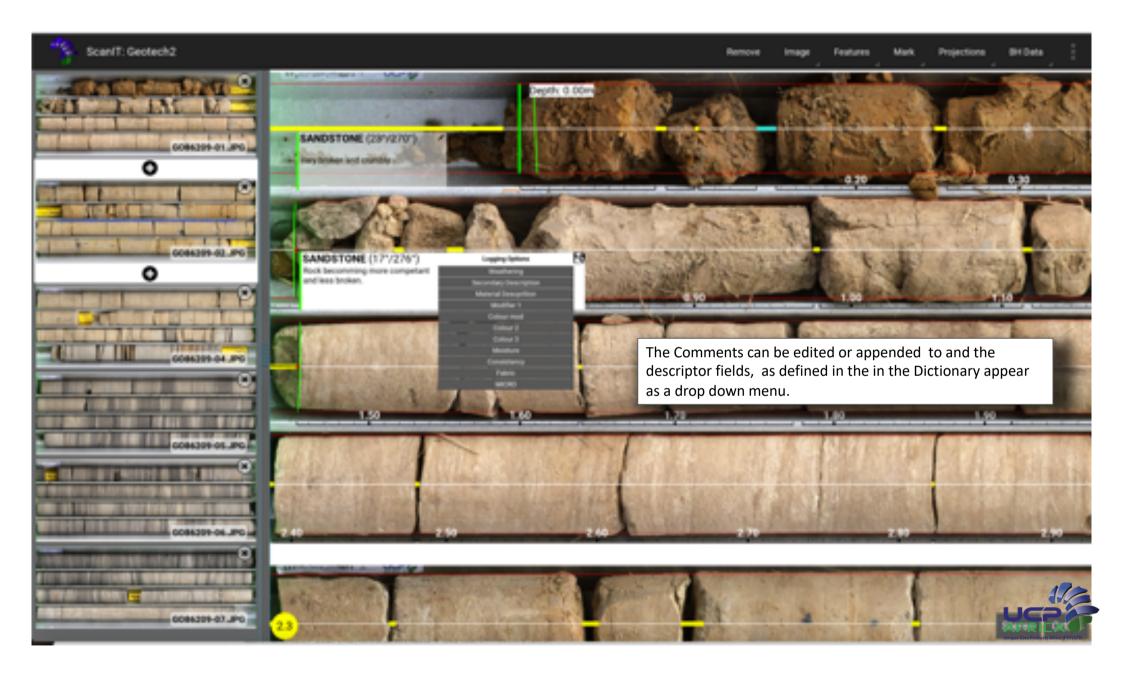
Individual items can be included, or altered into the dictionary and the individual descriptors changed and reimported back into the program.

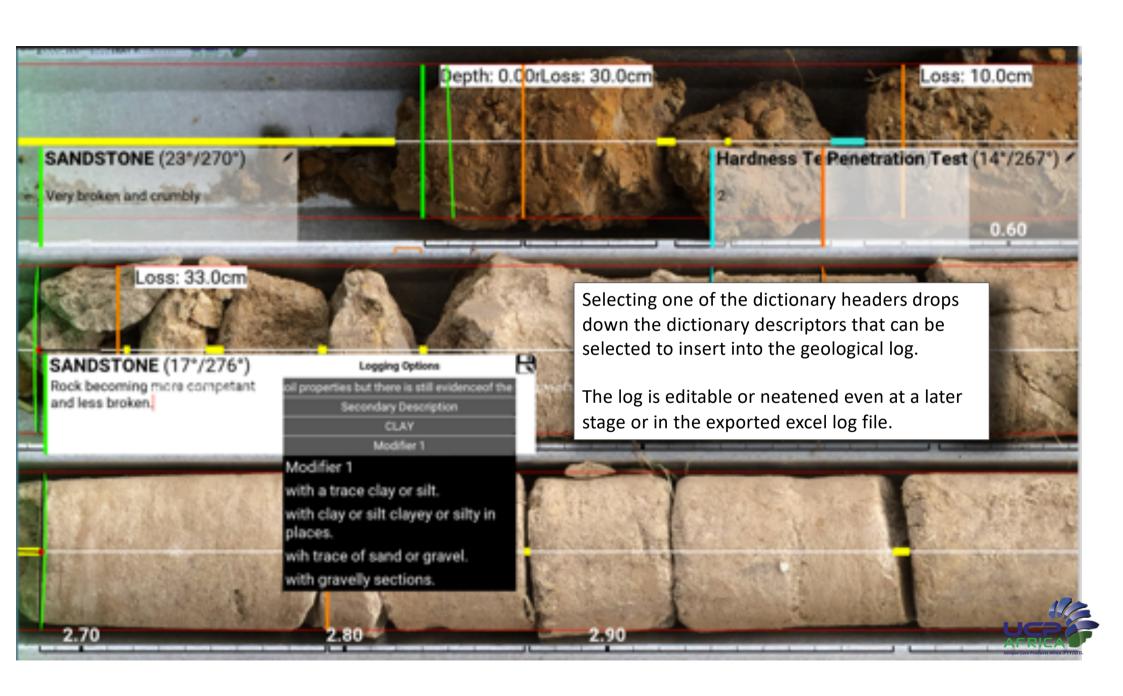
As the program is not reliant on the traditional codes to import the descriptions, individual descriptors are expanded to "Long Text" format to produce readable logs and eliminate the necessity for large A3 code tables or conversion programs.

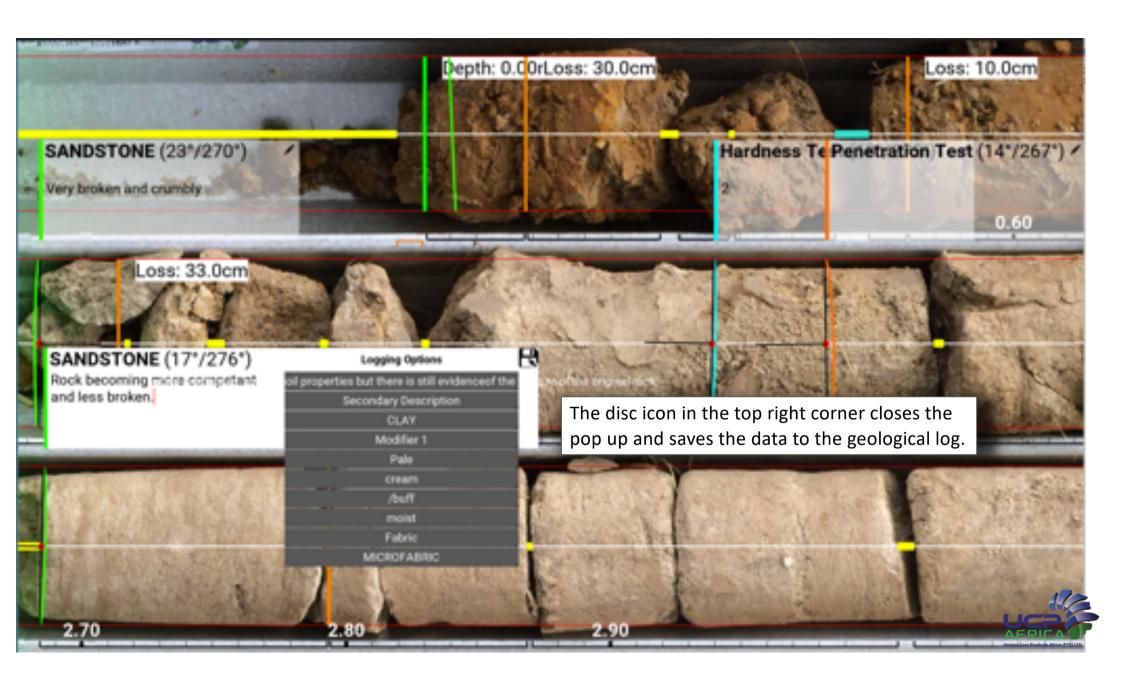




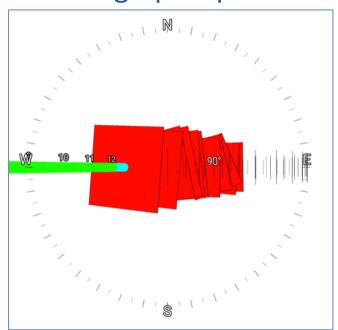




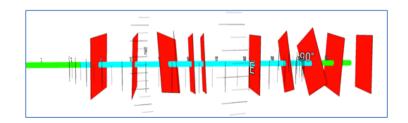




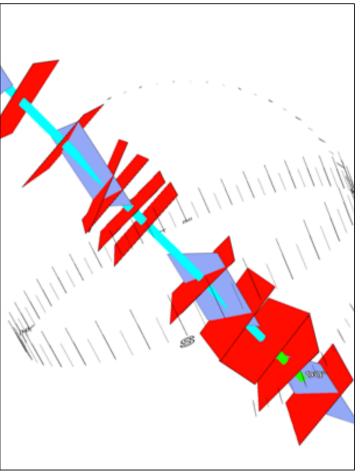
3D orthographic presentation - Joint Set 1



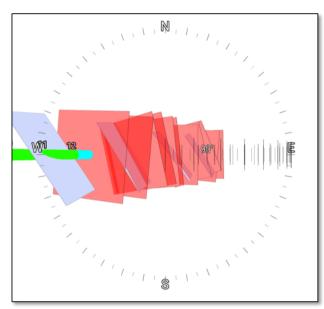
Plan view showing the orientation of the joints.



Borehole rotated to the horizontal displaying the disposition of the joints.



Orthographic presentation showing the real space orientations of the structures

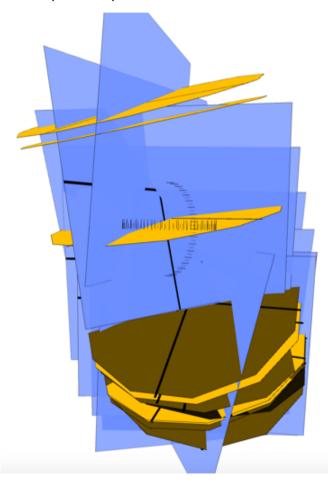


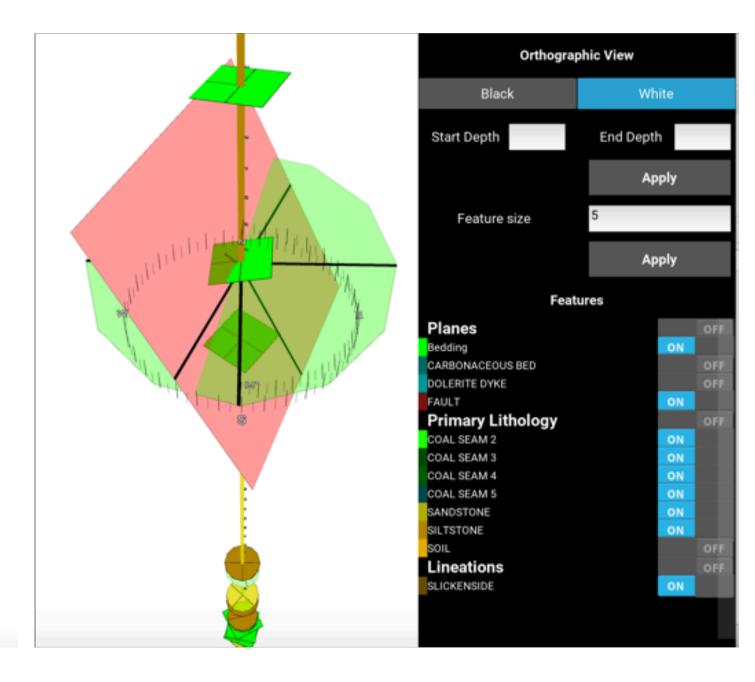
Plan view showing the intersection between the transparent planes with the LOI.



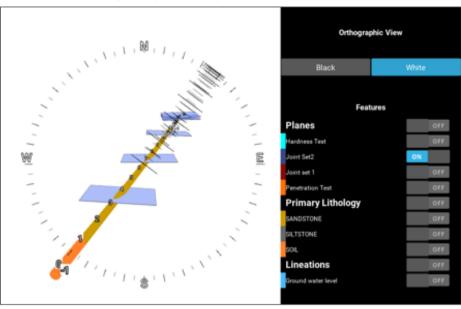
3D orthographic presentation

The orthographic has the ability to expand the size of certain planes to show the intersection between the transparent planes with the LOI.





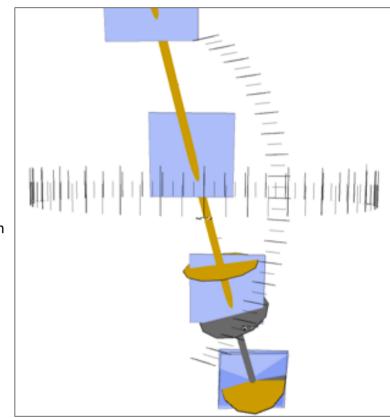
3D orthographic presentation — Joint Set 2

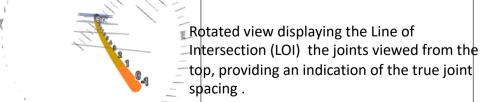


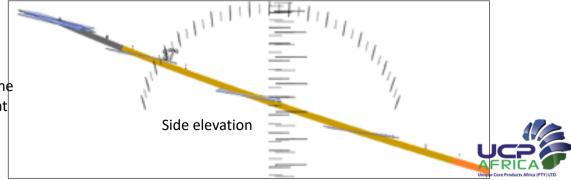
Plan view of the borehole displaying the real space orientation of the recorded Joint Set 2 structures

Rotated view displaying the Line of Intersection (LOI) between the Joint Set 2 structures and the lithological units.

By 2x clicking on the net reverts the image to plan providing the true orientation of the LOI.



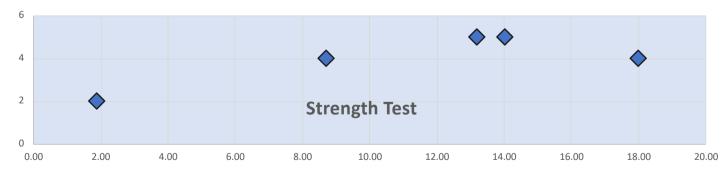




Sampling

Some descriptors can be input either as descriptive "Long Text" format, or standard qualitative codes or numbers that can be represented graphically in the geotechnical log.





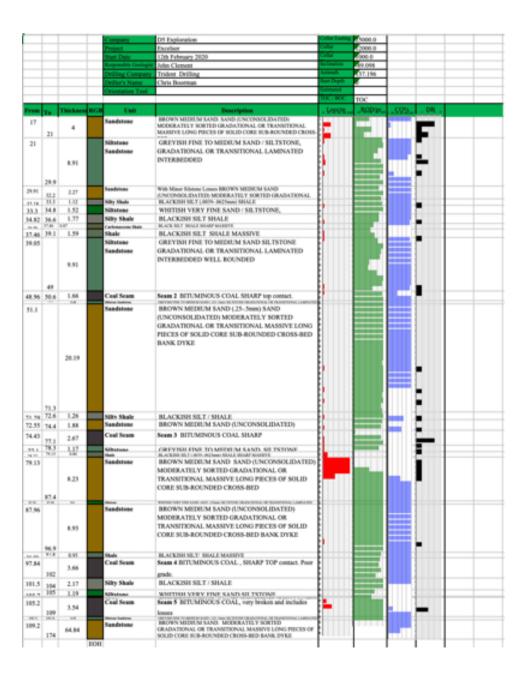




Geological Strip log

ScanIT directly exports the data to an Excel spread sheet with the Lithological Description and all additional Comments in proper "Long Text", readable format and presents a scalable geological log.

The format and presentation of the log is highly customizable.





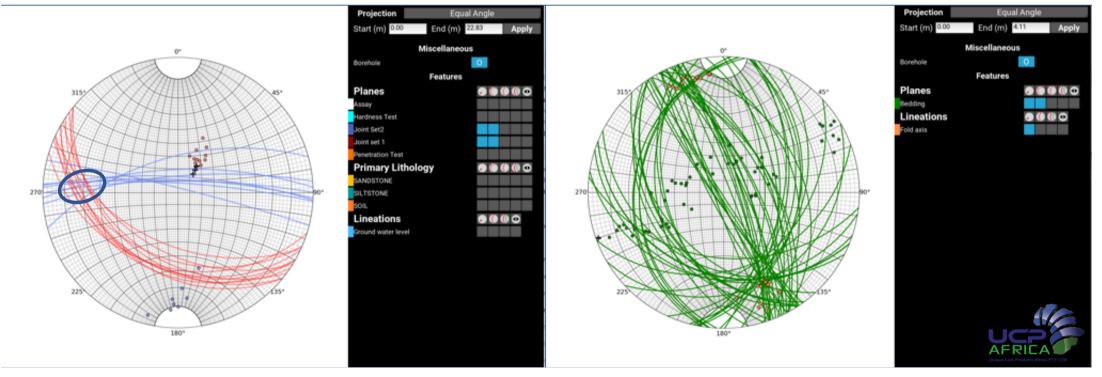
Stereographic analysis

The Key on the right displays all the Features that have been recorded in the borehole with a sequence of header icons

- 1. Displays the poles to the planes and the plot of the lineations,
- 2. Is the Lines icon that plots the lower hemisphere great circles of the planes,
- 3. Statistically calculates and plots mean vector, standard deviations and the mean great circle.
- 4. Projects the smoothed Kamb contours
- 5. Sorts or filters and removes all the the un-oriented or un-reliable recordings.

Clicking on the header icon plots all the features for all the structures in the group, whereas clicking on boxes below the header icon only effects recordings for a specific feature.

The "Lines" tab displays the great circles plotted on a lower hemisphere projection.

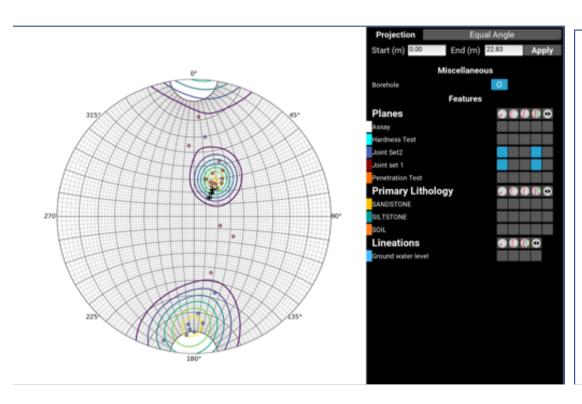


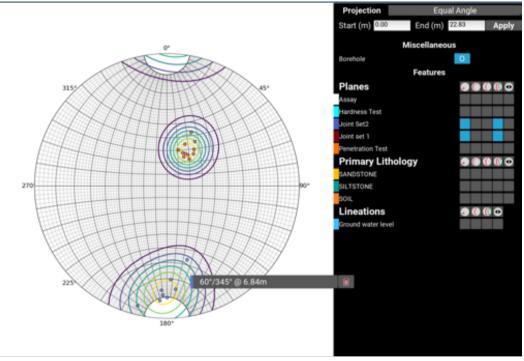
Stereographic analysis

The "Contours" tab displays the logometrically smoothed distribution Kamb contours.

The Kamb distribution contours can be used to assist in 'clean' data sets, any obvious erroneous data points can be selected and immediately a pop-up tab displays the Dip & Dip Direction and the depth of the recording.

Before simply deleting a particular structure the user should examine the original plot on the image by simply 2x clicking on the window.





Stereographic analysis

The "Mean" tab statistically calculates the mean vector and the population standard deviation.

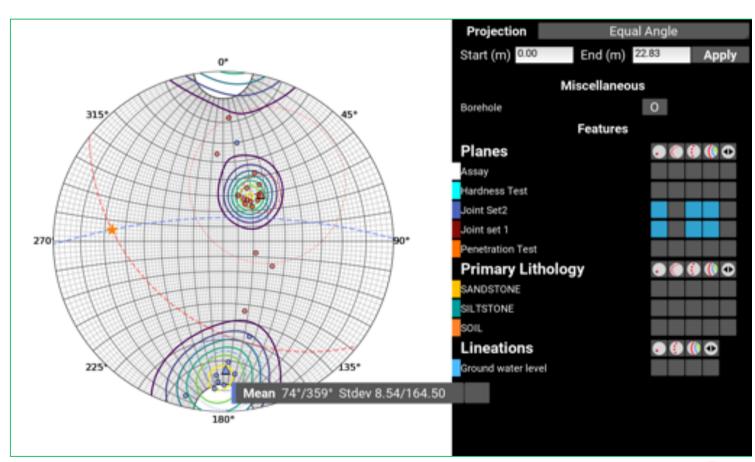
The program plots the mean vector as a large triangle, the standard deviations as a dashed or dotted circle around the mean and the great circle representing the average plane of the structures.

Selecting a particular structure brings up a popp displaying the Dip & Dip Direction and the epth at which the structure is located in the orehole,

the trash icon on the right side of the tab removes the structure and automatically recalculates the mean and re-plots the Great Circle.

double clicking on the box transfers to the structure recorded on the core tray image displaying the structure where the recording can be audited, replotted or removed.

The intersection point between two average mean great circles is platted as a coloured star and clicking on the star displays the plunge and trend of the LOI.



Statistical analysis and editing of structural data, should not be used flippantly, deleting datum permanently removes the structure from the data set. The circular mean is not fool proof, it does not work with small data sets, when the structures are folded or in situations where a single set actually comprises two individual sets.



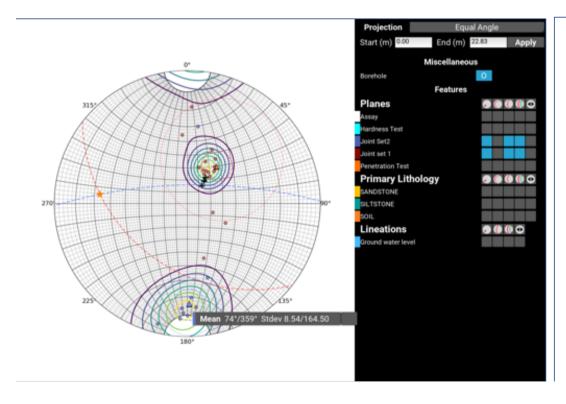
Sorting / filtering

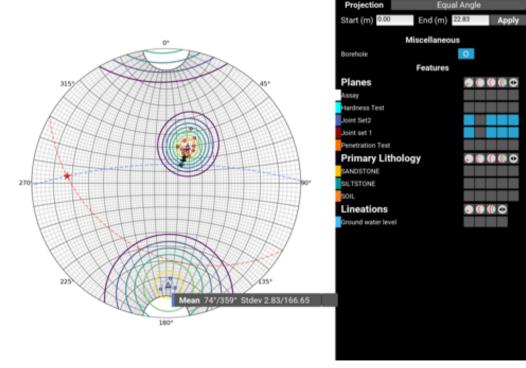
The "Sort" tab filters the un-oriented or un-reliable recordings providing more accurate and precise data sets.

The Kamb contours are redrawn, the mean vector and standard deviation are recalculated and the intersection point is recalculated.

Undo the "Sort" tab returns the original data, exiting the Stereonet page permanently deletes the erroneous data from the database.

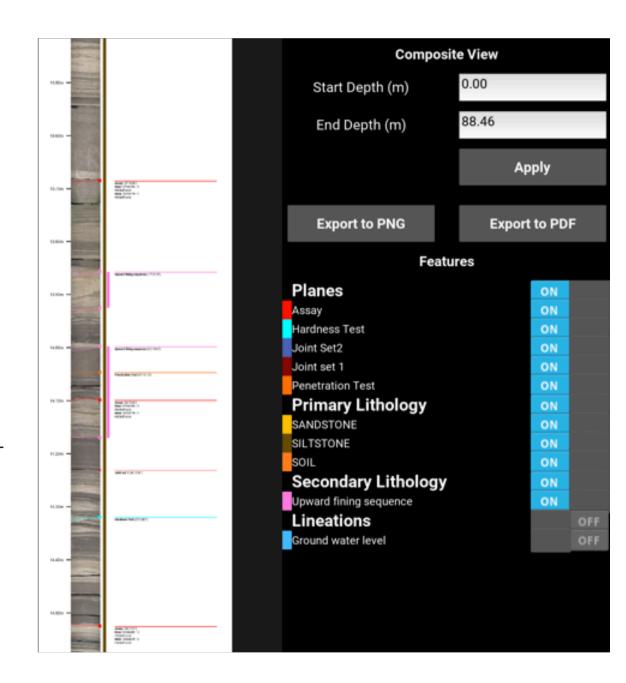
The user must be fully aware and have a good understanding of the consequences of their actions and it is always advisable to make backups of the data sets.



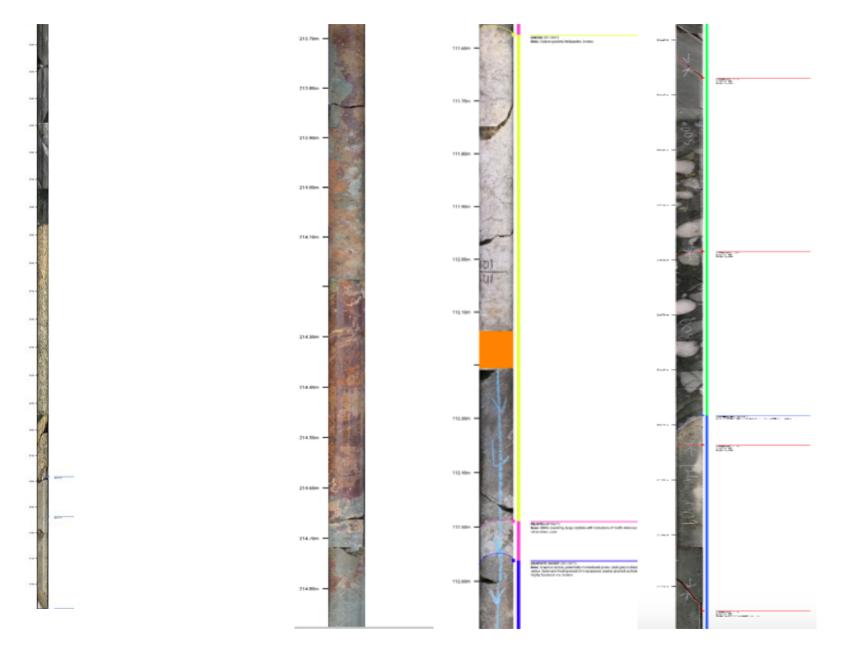


Composite image

ScanIT produces utilizes the red lines, that denote the edges of the core, to crop the image to only display a single core, all the previously record Gaps and depth marks are removed to produce a clean, uninterrupted image of the borehole. The image is accurately metermarked, the geological lithological log is plotted next to the image at the position of the contact and the image is colour coded with the unique RBG colour. The recorded structures can be selectively displayed on the image and the real space Dip and Dip Direction is displayed in a popup window. All loss zones are demarcated by an orange bar and any drill breaks or orientation discontinuities defined by a thin orange line.



Composite image 20.50m Joint set 1 (32*/197*) SAMPGROME (357/2007) Diet Sightly weetherd with only partial stanning or discolouration and the colour and tecture-of the original radio is recognisating Samply SAMP Croft with gravely sections. Lightlymon (gray most thinky laminated medium bedded) 20.60m SANDSTONE (35°/203°) Diet: Slightly weathered with only partial staining or discolouration and the colour and texture of the original rock is recognisable Sandy SANDTONE with gravely sections. Light brown /grey moist thinly laminated medium bedded 20.60m



Joint analysis - True Joint Spacing

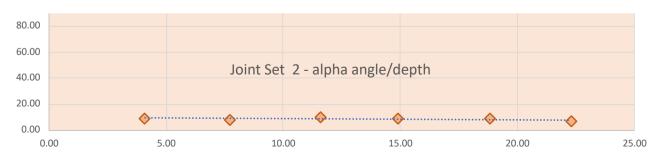
Joint set 1 – represents joints dipping 27° / 263° with an average alpha angle of 82° . The average frequency/spacing of the joints is 0.95m with the True Spacing calculated using the alpha angle is 0.94m.

Plotting the joint alpha angle against the recorded depth demonstrates the position of the joints on the borehole and the spacing between the joints and the alpha angle.

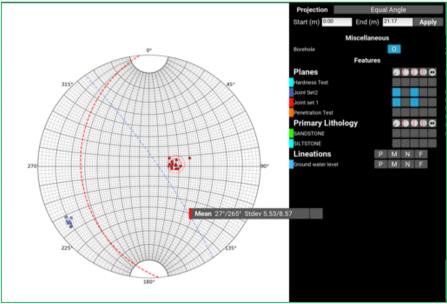


Joint set 2 – represents a set dipping 82° / 055° with an average alpha angle of 8° . The average frequency/spacing of the joints 3.64m with the True spacing calculated using the alpha angle is actually only 0.56m

Although the joints appear to be widely spaced along the entire length of the borehole, the joints are misleadingly only spaced 0.56m apart, closer than Set 1.



| | | | PLANAR STE | RUCTURES | | | | | |
|-----------|---------|--------------|-------------|-------------|-------|---------------|----------|---------|----------|
| DEPTH (m) | Spacing | True spacing | Plane ID | Description | Dip | Dip Direction | alpha(0) | beta(0) | Oriented |
| 12.99 | | | Joint set 1 | | 29 | 274 | 81 | 347 | TRUE |
| 14.22 | 1.23 | 1.23 | Joint set 1 | | 23 | 275 | 86 | 327 | TRUE |
| 15.41 | 1.19 | 1.11 | Joint set 1 | | 41 | 258 | 68 | 22 | TRUE |
| 15.67 | 0.25 | 0.25 | Joint set 1 | | 24 | 258 | 84 | 55 | TRUE |
| 16.20 | 0.53 | 0.53 | Joint set 1 | Core broken | 21 | 264 | 88 | 72 | TRUE |
| 16.61 | 0.42 | 0.41 | Joint set 1 | | 24 | 264 | 86 | 35 | TRUE |
| 18.45 | 1.84 | 1.83 | Joint set 1 | | 23 | 270 | 87 | 359 | TRUE |
| 19.59 | 1.14 | 1.13 | Joint set 1 | | 28 | 257 | 80 | 39 | TRUE |
| 20.53 | 0.94 | 0.93 | Joint set 1 | | 22 | 247 | 82 | 86 | TRUE |
| 21.36 | 0.83 | 0.82 | Joint set 1 | | 27 | 275 | 83 | 343 | TRUE |
| 22.50 | 1.14 | 1.12 | Joint set 1 | | 32 | 269 | 78 | 3 | TRUE |
| AVG | 0.95 | 0.94 | | | 26.41 | 263.67 | 82.24 | | |
| STDEV | 0.47 | 0.46 | | | 6.04 | 8.79 | 5.77 | | |
| 4.10 | | | Joint Set2 | | 83 | 55 | 10 | 35 | TRUE |
| 7.75 | 3.65 | 0.55 | Joint Set2 | | 83 | 53 | 9 | 38 | TRUE |
| 11.60 | 3.85 | 0.65 | Joint Set2 | | 83 | 56 | 10 | 34 | TRUE |
| 14.94 | 3.34 | 0.55 | Joint Set2 | | 82 | 59 | 10 | 31 | TRUE |
| 18.82 | 3.88 | 0.62 | Joint Set2 | | 83 | 52 | 9 | 38 | TRUE |
| 22.29 | 3.48 | 0.41 | Joint Set2 | | 80 | 57 | 7 | 33 | TRUE |
| AVG | 3.64 | 0.56 | | | 82.28 | 55.38 | 8.76 | 34.72 | |
| STDEV | 0.21 | 0.08 | | | 1.21 | 2.46 | 1.09 | 2.52 | |



Geological log

| 17 | То | Thickness | | Description |
|--|---|--|---|--|
| 1/ | | | Sandstone | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY |
| | | 4 | | SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-RED |
| | 21 | | | |
| 21 | | | Siltstone Sandstone | GREYISH FINE TO MEDIUM SAND (.1255mm) SILTSTONE |
| | | | | GRADATIONAL OR TRANSITIONAL LAMINATED INTERBEDDED WEL |
| | | 0.01 | | ROUNDED |
| | | 8.91 | | |
| | | | | |
| | 29.91 | | | |
| 29.91 | | 2 27 | Sandstone | With Minor Silstone Lenses BROWN MEDIUM SAND (.255mm) SAND |
| | 32.18 | | | (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL |
| 32.18 | 33.3 | 1.12 | Silty Shale | BLACKISH SILT (.00390625mm) SHALE |
| 33.3 | 34.82 | 1.52 | Siltstone | WHITISH VERY FINE SAND (.0625125mm) SILTSTONE |
| 34.82 | 36.59 | 1.77 | Silty Shale | BLACKISH SILT (.00390625mm) SHALE |
| 36.59 | 37.46 | 1.59 | Carbonaceous Shale Shale | BLACK SILT (.00390625mm) SHALE SHARP MASSIVE |
| | 39.05 | 1.59 | | BLACKISH SILT (.00390625mm) SHALE MASSIVE |
| 39.05 | | | Siltstone Sandstone | |
| | | | | GRADATIONAL OR TRANSITIONAL LAMINATED INTERBEDDED WEL |
| | | | | ROUNDED |
| | | 9.91 | | |
| | | | | |
| | | | | |
| | 48.96 | ļ | | |
| 48.96 | 50.62 | 1.66 | Coal Seam | Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP |
| 51.1 | | 0.48 | Sandstone Sandstone Sandstone | BROWN MEDIUM SAND (.255mm) SUSTONE GRACATIONAL OR TRANSPIRONAL LAMINATED INTERREDIED BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) |
| 31.1 | | | Saliustone | MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE |
| | | | | |
| | | | | LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK |
| | | | | DYKE |
| | | | | |
| | | | | |
| | | 20.19 | | |
| | | 20.23 | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | | | |
| | | 1 | | |
| | 71.29 | | | |
| | 71.29 72.55 | 1.26 | Silty Shale | RI ACKISH SIIT (0039, 0625mm) SHALF |
| 71.29 | 72.55 | (| Silty Shale | BLACKISH SILT (.00390625mm) SHALE BROWN MEDIJIM SAND (.25, 5mm) SAND (JINCONSOLIDATED) |
| 72.55 | | 1.26 1.88 | Sandstone | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) |
| | 72.55 74.43 | (| | BLACKISH SILT (.00390625mm) SHALE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP |
| 72.55 74.43 | 72.55 74.43 77.1 | 1.88 2.67 | Sandstone Coal Seam | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP |
| 72.55 | 72.55 74.43 | 1.88 | Sandstone | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREVISH FINE TO MEDIUM SAND (.1255mm) SILTSTONE |
| 72.55 74.43 77.1 | 72.55 74.43 77.1 78.27 | 1.88 2.67 1.17 | Sandstone Coal Seam Siltstone Sandstone | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP |
| 72.55 74.43 77.1 78.27 | 72.55 74.43 77.1 78.27 | 1.88 2.67 1.17 | Sandstone Coal Seam Siltstone Sandstone Shale | BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.0039025mm) BITUMINOUS COAL SHARP GREYISH FIRE TO MEDIUM SAND (.125-5mm) SILTSTONE BLACKSH SILT (.00390625mm) SHALE SHARP MASSIVE |
| 72.55 74.43 77.1 78.27 | 72.55 74.43 77.1 78.27 | 1.88 2.67 1.17 0.86 | Sandstone Coal Seam Siltstone Sandstone Shale | BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYISH EINE TO MEDIUM SAND (.125-5mm) SILTSTONE GREYESH SIL (.00390625mm) SHALL SHARE MASSIVE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATEUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATEUM SORTEO (GRADATIONAL OR TRANSITIONAL MASSIVE |
| 72.55 74.43 77.1 78.27 | 72.55 74.43 77.1 78.27 | 1.88 2.67 1.17 | Sandstone Coal Seam Siltstone Sandstone Shale | BROWN MEDIUM SAND (.255mm) BITUMINOUS COAL SHARP Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREVISH FINE TO MEDIUM SAND (.155mm) BITUSTIONE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK |
| 72.55 74.43 77.1 78.27 | 72.55 74.43 77.1 78.27 | 1.88 2.67 1.17 0.86 | Sandstone Coal Seam Siltstone Sandstone Shale | BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYISH EINE TO MEDIUM SAND (.125-5mm) SILTSTONE GREYESH SIL (.00390625mm) SHALL SHARE MASSIVE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATEUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATEUM SORTEO (GRADATIONAL OR TRANSITIONAL MASSIVE |
| 72.55 74.43 77.1 78.27 79.13 | 72.55 74.43 77.1 78.27 | 1.88 2.67 1.17 0.86 | Sandstone Coal Seam Siltstone Sandstone Shale | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYISH EINE TO MEDIUM SAND (.1255mm) SILTSTONE BROWN MEDIUM SAND (.255mm) SILTSTONE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTEO GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE |
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| 72.55 74.43 77.1 78.27 79.13 | 72.55 74.43 77.1 78.27 79.13 | 1.88 2.67 1.17 0.86 | Sandstone Coal Seam Siltstone Sandstone Shale | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYISH EINE TO MEDIUM SAND (.1255mm) SILTSTONE BLEEBES SI (.00390625mm) SINS SEMENT SAND (.1055mm) SILTSTONE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTEO GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) |
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| 72.55 74.43 77.1 78.27 79.13 | 72.55 74.43 77.1 78.27 79.13 87.36 | 1.88 2.67 1.17 0.86 8.23 | Sandstone Coal Seam Siltstone Sandstone Shale Sandstone Sandstone Sandstone | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYISH EINE TO MEDIUM SAND (.1255mm) SILTSTONE BLEEKES ST (.00390625mm) SHALT SHARP MASSIVE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTEO GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTEO GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE |
| 72.55 74.43 77.1 78.27 79.13 | 72.55 74.43 77.1 78.27 79.13 87.36 87.36 96.89 97.84 | 1.88 2.67 1.17 0.86 8.23 | Sandstone Coal Seam Siltstone Sandstone Sandstone Sandstone Sandstone Sandstone | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYSIS EINE TO MEDIUM SAND (.1255mm) SAND (UNCONSOLIDATED) BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE |
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| 72.55 74.43 77.1 78.27 79.13 87.96 96.89 97.84 | 72.55 74.43 77.1 78.27 79.13 87.36 52.8 96.89 97.84 | 8.23 8.93 8.93 8.24 8.93 | Sandstone Coal Seam Siltene Sandstone Shale Sandstone Sandstone Sandstone Sandstone Sandstone | BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SLIT (.00390625mm) BITUMINOUS COAL SHARP GREYSIS LEINE TO MEDIUM SAND (.125-5mm) SAND (UNCONSOLIDATED) BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BLACKISH SILT (.00390625mm) SHALE MASSIVE Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP BLACKISH SILT (.00390625mm) SHALE |
| 72.55 74.43 77.1 78.27 79.13 87.96 96.89 97.84 101.5 | 72.55 74.43 77.1 78.27 79.13 87.36 87.36 96.89 97.84 | 1.88 2.67 1.17 0.86 8.23 8.93 0.95 3.66 | Sandstone Coal Seam Silstene Sandstone Shale Sandstone Sandstone Sandstone Sandstone Coal Seam | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYING I SINT TO MEDIUM SAND (.125mm) SILD SILD SILD SILD SILD SILD SILD SILD |
| 72.55 74.43 77.1 78.27 79.13 87.96 96.89 97.84 | 72.55 74.43 77.1 78.27 79.13 87.36 87.36 96.89 97.84 101.5 103.7 104.9 | 8.23 8.93 8.93 8.24 8.93 | Sandstone Coal Seam Siltstone Sandstone Sandstone Sandstone Sandstone Sandstone Siltstone Siltstone | BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SLIT (.00390625mm) BITUMINOUS COAL SHARP GREYSIS LEINE TO MEDIUM SAND (.125-5mm) SAND (UNCONSOLIDATED) BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BLACKISH SILT (.00390625mm) SHALE MASSIVE Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP BLACKISH SILT (.00390625mm) SHALE |
| 72.55 74.43 77.1 78.27 79.13 87.96 96.89 97.84 101.5 103.7 105.2 | 72.55 74.43 77.1 78.27 78.13 87.36 96.89 97.84 101.5 103.7 104.9 | 8.23 8.23 8.93 0.95 3.66 2.17 1.19 3.54 | Sandstone Coal Seam Silitstone Sandstone Sandstone Sandstone Sandstone Sandstone Sandstone Silitstone Sandstone Silitstone Coal Seam Silitstone Coal Seam | BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP CREYSIS LEINE TO MEDIUM SAND (.125-5mm) SILT STONE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BLACKSH SILT (.00390625mm) BITUMINOUS COAL SHARP BLACKISH SILT (.00390625mm) BITUMINOUS COAL SHARP BLACKISH SILT (.00390625mm) BITUMINOUS COAL SHARP SEAM 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP |
| 72.55 74.43 77.1 78.27 79.13 87.96 96.89 97.84 101.5 103.7 105.2 | 72.55 74.43 77.1 78.27 79.13 87.36 87.36 96.89 97.84 101.5 103.7 104.9 | 8.23 8.93 0.95 3.66 2.17 1.19 | Sandstone Coal Seam Siltstone Sandstone Sandstone Sandstone Sandstone Sandstone Siltstone Siltstone | BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYSIS LINE TO MEDIUM SAND (.125-5mm) SIAD SILTSTONE BROWN MEDIUM SAND (.25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE MEDIUM SAND (.25-5mm) SAND (.000000000000000000000000000000000000 |
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| 72.55 74.43 77.1 78.27 79.13 87.96 96.89 97.84 101.5 103.7 105.2 | 72.55 74.43 77.1 78.27 78.13 87.36 96.89 97.84 101.5 103.7 104.9 | 8.23 8.23 8.93 0.95 3.66 2.17 1.19 3.54 | Sandstone Coal Seam Siltstone Sandstone Sandstone Sandstone Sandstone Sandstone Sandstone Siltstone Coal Seam Siltstone Coal Seam | BROWN MEDIUM SAND (25-5mm) BITUMINOUS COAL SHARP GREYISH FINE TO MEDIUM SAND (125-5mm) BITUMINOUS COAL SHARP GREYISH FINE TO MEDIUM SAND (125-5mm) BITUMINOUS COAL SHARP BROWN MEDIUM SAND (125-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTEO GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (25-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTEO GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BLACKISH SILT (10039-0625mm) SHALE MASSIVE SEAM 5 BLACK SILT (10039-0625mm) BITUMINOUS COAL SHARP BLACKISH SILT (10039-0625mm) SHALE WHITISH WERV FINE SAND (16-55-125mm) SILTSTONE SEAM 5 BLACK SILT (10039-0625mm) BITUMINOUS COAL SHARP BROWN MEDIUM SAND (125-5mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE SEAM 5 BLACK SILT (10039-0625mm) BITUMINOUS COAL SHARP BROWN MEDIUM SAND (125-5mm) SAN |
| 72.55 74.43 77.1 78.27 79.13 87.96 96.89 97.84 101.5 103.7 105.2 | 72.55 74.43 77.1 78.27 78.13 87.36 96.89 97.84 101.5 103.7 104.9 | 1.88 2.67 1.17 0.86 8.23 8.93 8.93 0.95 3.66 2.17 1.19 3.54 | Sandstone Coal Seam Siltstone Sandstone Sandstone Sandstone Sandstone Sandstone Sandstone Siltstone Coal Seam Siltstone Coal Seam | BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) Seam 5 BLACK SILT (.00390625mm) BITUMINOUS COAL SHARP GREYSIS EINE TO MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) MODERATELY SORTED GRADATIONAL OR TRANSITIONAL MASSIVE LONG PIECES OF SOLID CORE SUB-ROUNDED CROSS-BED BANK DYKE BROWN MEDIUM SAND (.255mm) SHALE BLACKSH SILT (.00390625mm) BITUMINOUS COAL SHARP BROWN MEDIUM SAND (.255mm) SAND (UNCONSOLIDATED) |

Summary

ScanIT utilises the previously recorded Natural Breaks and core loss zones to automatically calculate the basic geotechnical parameters as per defined 1, 2 or 3m intervals, rather than per run basis to provide more accurate and precise geotechnical data.

RQD's can be accurately reported on a 1.0m interval basis instead of the traditional "per run basis"

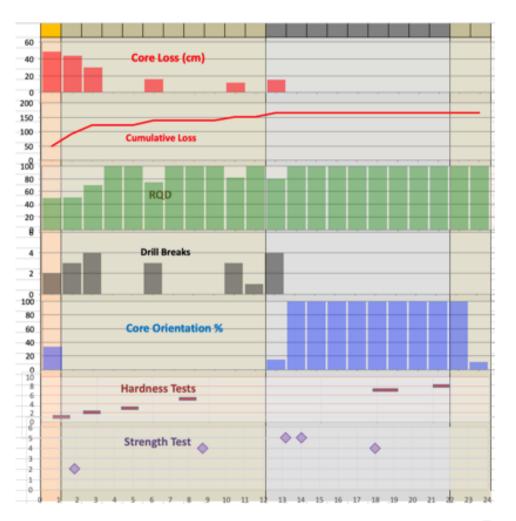
The columns include, and are not restricted to:

- 1. Composite Image, the program automatically crops the composite image into the prescribed intervals and collates the images in to the first column of the spreadsheet and marks all the loss zones as orange bars.
- 2. Interval **Depth**
- 3. Predominant lithological RGB colour
- 4. Predominant **Lithology** over the interval.
- 5. Core lost, measured in cm per the interval
- 6. Cumulative Core Loss
- No. of **Drill Breaks** or **Orientation Discontinuities** that were recorded over the interval
- 8. Core Recovered recorded as % of the interval
- 9. Core Loss as % of the interval
- **10.** Core Orientation % is the amount of core that is potentially orientable
- **11.** Extra columns can be added for additional unrecorded geotechnical parameters as in **Density**, **Rock Hardness** etc.

| 1m Image Intervals | Depth | | Lithology | Loss (cm) | Cum. | DB | RQD | CR % | CL % | CO % |
|--|-------|-----|-----------|-----------|-------|----|-----|------|------|------|
| SEE STREET, SEE | 1 | | SOIL | 49.1 | 49.1 | 2 | 49 | 51 | 49 | 34 |
| PHOS GIVENING | 2 | | | 43.9 | 93.0 | 3 | 51 | 56 | 44 | 0 |
| | 3 | | SANDSTONE | 30.0 | 123.0 | 4 | 70 | 70 | 30 | 0 |
| STATE OF THE OWNER WHEN PARTY STATE OF THE PARTY ST | 4 | | | 0.0 | 123.0 | 0 | 100 | 100 | 0 | 0 |
| THE RESERVE THE PERSON NAMED IN COLUMN TWO | 5 | | | 0.0 | 123.0 | 0 | 100 | 100 | 0 | 0 |
| THE RESERVE THE PARTY OF THE PA | 6 | | | 16.0 | 139.0 | 3 | 75 | 84 | 16 | 0 |
| THE RESERVE OF THE PARTY OF THE | 7 | | | 0.0 | 139.0 | 0 | 100 | 100 | 0 | 0 |
| THE RESERVE OF THE PARTY OF THE | 8 | | | 0.0 | 139.0 | 0 | 100 | 100 | 0 | 0 |
| A STATE OF THE PARTY OF THE PAR | 9 | | | 0.0 | 139.0 | 0 | 100 | 100 | 0 | 0 |
| CONTRACTOR OF THE PARTY OF THE PARTY. | 10 | | | 12.0 | 151.0 | 3 | 82 | 88 | 12 | 0 |
| | 11 | | | 0.0 | 151.0 | 1 | 100 | 100 | 0 | 0 |
| | 12 | | SILTSTONE | 15.0 | 166.0 | 4 | 80 | 85 | 15 | 15 |
| Control of the last of the las | 13 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| | 14 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| THE PROPERTY AND PERSONS ASSESSED. THE RESERVE | 15 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| | 16 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| | 17 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| THE RESERVE THE PARTY OF THE PA | 18 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| THE RESERVE THE PERSON NAMED IN COLUMN | 19 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| COLUMN TRANSPORT OF STREET, ST | 20 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| THE RESIDENCE OF THE PARTY OF T | 21 | | SANDSTONE | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 100 |
| AND DESCRIPTION OF THE PARTY OF | 22 | | | 0.0 | 166.0 | 0 | 100 | 100 | 0 | 11 |
| | | EOI | 4 | | | | | | 4 | |

Summary

Graphical Presentation of the various parameters in basic Excel format plotted against the depth down the borehole. The type and look of the graphs can be changed as per the users preferences.





Geotechnical Parameters

All the geotechnical parameters recorded on the core, together with the Depth and X,Y,Z coordinates of each measurement are exported to an excel spread sheet. The data can be sorted, statistically analyzed and presented graphically.

| | COORDINATES | | | | | PLANAR ST | 65 | | | | | | | | | | |
|----------|-------------|----------|---------|-----------|---------------------------|---------------------------------|-------|-------|-------------|-----------|----------|---------|--------------------|-------------------|--------|----------|----------|
| MPTH (m) | - 8 | Y | - 2 | OUPTH (m) | Plane 10 | Description | | Dip 1 | y Direction | OUPTH (m) | alpha(0) | beta(0) | Line ID | Description | Plungs | Trend | Oriented |
| 12.53 | 36790.95 | 26642.79 | 1590.43 | 12:53 | Assay | G086309 - 1 HQ half core -Start | | | | 12.53 | 86.77 | 294.53 | | | | | FRESE |
| 12.59 | 16790.97 | 36642.85 | 1599.38 | 13.59 | Assay | GOSE209 - 1 HQ half core | | | | 12.59 | 86.69 | 355.23 | | | | | THESE |
| 12.78 | 36790.00 | 26642.87 | 1599.22 | 12.78 | Assay | G086209 - 2 HQ half core | | | | 12.78 | 86.54 | 108.29 | | | | | FRESE |
| 12.85 | 16791.00 | 26642.90 | 1599.15 | 12.85 | Assay | GOBB309 - 2 HQ half core | | | | 12.85 | 86.06 | 121.30 | | | | | THESE |
| 13.25 | 36790.14 | 26643.04 | 1592.79 | 13.25 | Assay | GOBEZOS - 4 HQ half core | | | | 13.25 | 88.54 | 43.71 | | | | | FRUSE |
| 13.53 | 16791.21 | 26643.14 | 1592.54 | 13.53 | Assay | G086209 - 5 HQ half core | | | | 13.53 | 88.55 | 152.39 | | | | | FRESE |
| 13.84 | 36791.29 | 26643.25 | 1592.26 | 13.84 | Assay | GOSE209 - 6 HQ half core | | | | 13.84 | 87.06 | 67.21 | | | | | 5 RC3E |
| 14.25 | 16791.39 | 26643.40 | 1591.89 | 14.25 | Amey | G086209 - B HQ half core | | | | 14.25 | 84.12 | 18.23 | | | | | FRESE |
| 14.68 | 36791.50 | 26643.56 | 1590.50 | 14.68 | Amey | G086209 - 8 _End | | | | 14.68 | 86.62 | 295.60 | | | | | FRESE |
| 13.14 | 16795.33 | 26643.03 | 1592.87 | 13.16 | Bedding plane seperation | | | | | 13.16 | 80.60 | 347.46 | | | | | 19656 |
| 24.39 | 36790.43 | 26643.45 | 1590.77 | 14.39 | Bedding plane seperation. | | | | | 14.39 | 86.18 | 327.40 | | | | | FRCSE |
| 15.58 | 36791.59 | 26643.68 | 1590.22 | 15.58 | Bedding plane seperation | | | | | 15.58 | 68.46 | 21.61 | | | | | FRESE |
| 25.83 | 36793.50 | 26643.68 | 1590.22 | 15.83 | Bedding plane seperation. | | | | | 15.83 | 84.14 | 55.31 | | | | | FRESE |
| 56.37 | 36791.59 | 26643.68 | 1590.22 | 16.37 | Bedding plane seperation | Core broken | | | | 16.37 | 87.70 | 72:06 | | | | | FRESE |
| 16.83 | 36790.59 | 26643.68 | 1590.22 | 16-83 | Bedding plane seperation. | | | 31.76 | 209.60 | 16.83 | 85.64 | 35.12 | | | | | TRUE |
| 18.67 | 36791.50 | 26643.68 | 1590.22 | 18.67 | Bedding plane seperation | | | 31.82 | 213.89 | 18.67 | 87.39 | 358.70 | | | | | TRUE |
| 19.60 | 36790.59 | 26643.68 | 1590.22 | 19.60 | Bedding plane seperation | | | 37.91 | 203.28 | 19.60 | 80.09 | 39.31 | | | | | TRUE |
| 20.55 | 36793.50 | 26643.68 | 1590.22 | 20.55 | Bedding plane seperation | | | 31.84 | 297.39 | 20.55 | 81.71 | 86.47 | | | | | TRUE |
| 21.38 | 16791.50 | | 1596.22 | 21.38 | Bedding plane seperation | | | 37.54 | 216.46 | 21.38 | 82.64 | 343.07 | | | | | TRUE |
| 22.54 | 26790.58 | | 1590.22 | 22.54 | Bedding plane seperation | | | 43.34 | 211.92 | 22.54 | 79.29 | 2.51 | | | | | TRUE |
| 0.73 | 16788.16 | 26639.19 | 1604.30 | 0.73 | Kardness test | | 3.00 | | | 0.73 | 87.81 | 143.96 | | | | | nuse |
| 1.63 | 36788.40 | 26639.49 | 1609.29 | 1.00 | Hardness test | | 5.00 | | | 1.80 | 87.28 | 212.45 | | | | | FRESE |
| 3.29 | 36788.75 | 26639.87 | 1602.02 | 3.19 | Wardness test | | 4.00 | | | 3.19 | 85.72 | 109.13 | | | | | THESE |
| 5.25 | 26789.19 | 26640.46 | 1600.10 | 5.25 | Hardness test | | 6.00 | | | 5.25 | 84.82 | 137.94 | | | | | FRISE |
| 12.33 | 16790.90 | 36642.72 | 1599.42 | 12.33 | Wardness test | | 8.00 | | | 12.33 | 84.78 | 187.77 | | | | | THISE |
| 12.63 | 26790.98 | 36642.82 | 1599.35 | 12.63 | Hardness test | | 10.00 | | | 12.63 | 88.56 | 142.63 | | | | | FRESE |
| 14.48 | 16791.45 | 26643.48 | 1591.49 | 14.48 | Wardness test | | 10.00 | | | 14.48 | 85.50 | 119.30 | | | | | FALSE |
| 4.11 | 36788.90 | 26640.13 | 1601.16 | 4.11 | Joint Set2 | | | | | 4.11 | 9.55 | 35.19 | | | | | FRESE |
| 7.82 | | 26641.24 | 1597.79 | 7.82 | Joint Set2 | | | | | 7.82 | 8.62 | 37.54 | | | | | FRESE |
| 8.72 | | 26641.52 | 1596.90 | 8.72 | Joint Set2 | | | | | 8.72 | 17.42 | 24.57 | | | | | FRESE |
| 11.77 | | 26642.52 | 1594.13 | 11.77 | Joint Set2 | | | | | 11.77 | 9.80 | 33.67 | | | | | FRESE |
| 15.10 | | 26643.68 | 1590.22 | 15.10 | Joint Set2 | | | | | 15.10 | 9.53 | 31.42 | | | | | FREME |
| 19.04 | | 26643.68 | 1590.22 | 19:04 | Joint Set2 | | | 75.82 | 355.07 | 19.04 | 9.15 | 37.77 | | | | | TRUE |
| 22.34 | 34790.50 | | 1590.22 | 23.34 | Joint Set2 | | | 20.48 | 357.70 | 22.34 | 6.73 | 33.00 | | | | | TRUE |
| | | | 1371.42 | 12.54 | | | | 70.40 | 200.74 | 10.04 | 677 | 25.00 | | | | | - |
| 1.87 | 36788.42 | | 1609.25 | 1.87 | Penetration Test | | 12:00 | | | 1.87 | 12.00 | 171.39 | | | | | FRESE |
| 8.78 | 14790.00 | | 1596.85 | 8.76 | Penetration Test | | 23-00 | | | 8.76 | 23.00 | 146.63 | | | | | TALSE |
| 13.34 | | 26643.07 | 1592.71 | 13.34 | Penetration Test | | 25.00 | | | 13.34 | 25.00 | 13.19 | | | | | FRESE |
| 14.20 | 16791.38 | 26643.38 | 1590.94 | 14.20 | Penetration Test | | 22:00 | | | 14.20 | 22.00 | 69.66 | | | | | THESE |
| 18.19 | | 26643.68 | 1590.22 | 18.19 | Penetration Test | | 34.00 | 27.95 | 209.71 | 18.19 | 34.00 | 117.67 | | | | | TRUE |
| 53-00 | 36791.07 | 26642.95 | 1599.00 | 13.00 | | | | | | 13.00 | | - 1 | Ground water level | - STATIC - Inflow | 1.01 | 130.2695 | FRESE |

Geotechnical Parameters



Summary

ScanIT utilises the previously recorded Natural breaks to automatically calculate the basic geotechnical parameters as per user defined intervals, normally 1.0m, rather than per run basis. The user can nominate the interval size; 1, 2 or 3m which is designed to provide more accurate and precise geotechnical data.

RQD's can be reported

