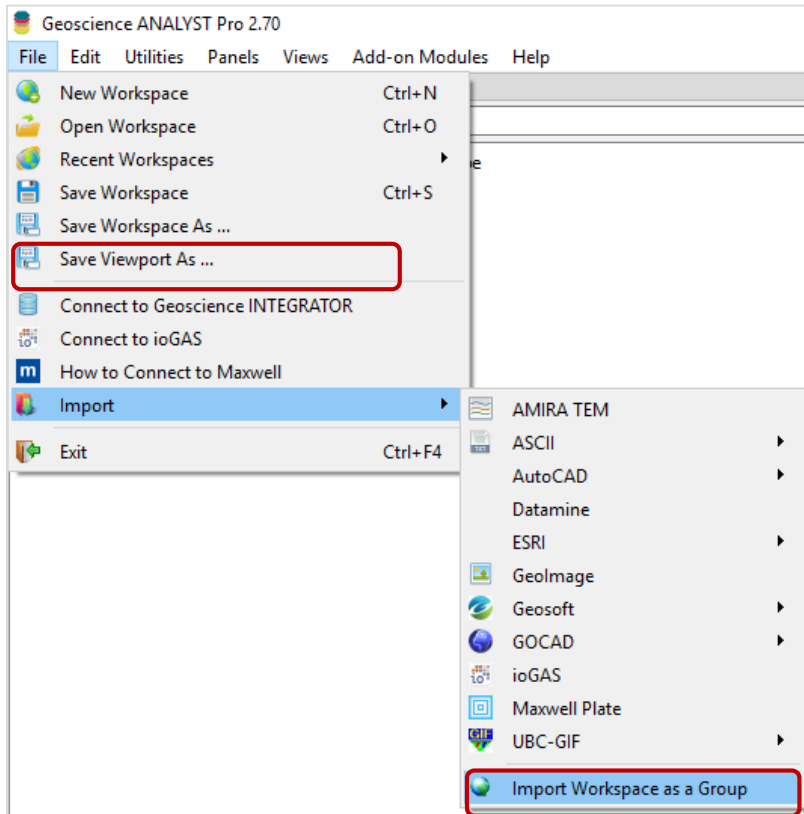


Importing and exporting workspaces



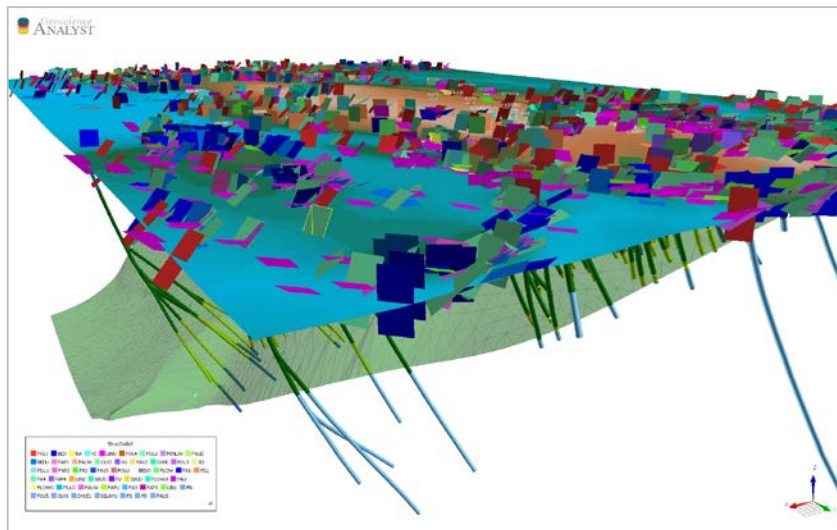
You can export objects shown in the current Viewport as a `.geoh5` file. Visual parameters and the Viewport's settings and views will be saved.

You can also import an existing `.geoh5` file to a new Container Group in the current workspace.

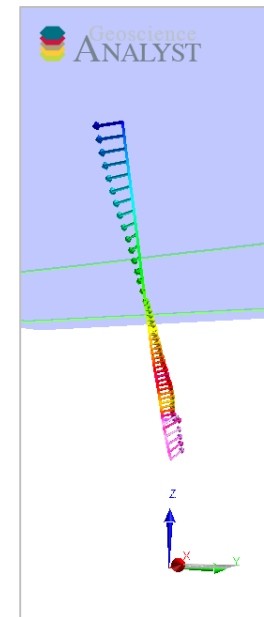
Data grouping part 2 – Orientations

Data grouping also allows the creation of three types of orientation data: 3D vector, dip direction and dip, or strike and dip.

Once the orientation group is created, you can edit the node symbol type (2D arrow, 3D arrow or plate), size, and scale it by length.



Structural geology



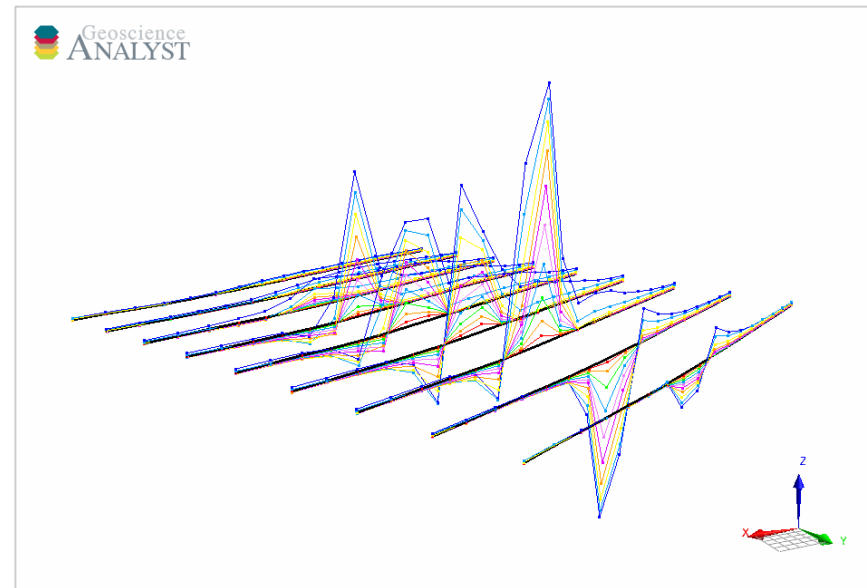
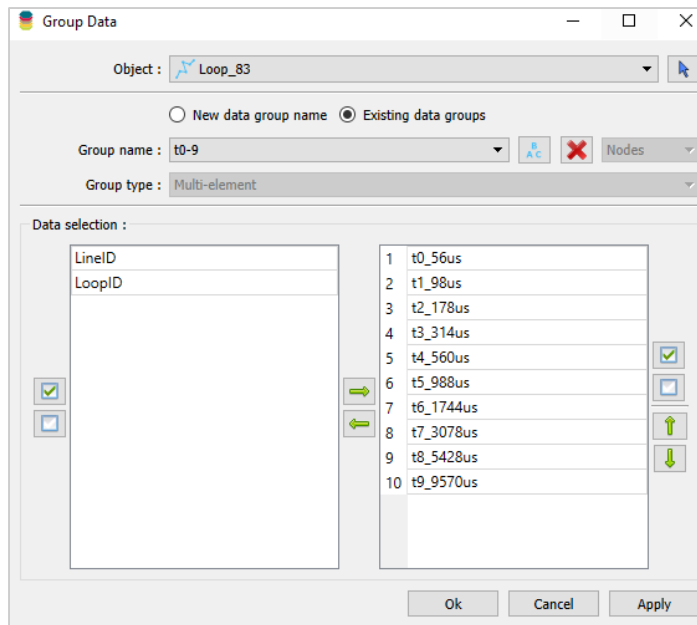
Borehole EM

Amplitude data can be computed from 3D vector orientation groups.

Data grouping part 1 – Multi-elements

Automatic, multi-element data grouping is applied as part of the Geosoft .gdb file and electromagnetic data .tem file import process. Multi-element data groups can also be created from user-selected properties. **Utilities** (menu) > **Group Data**.

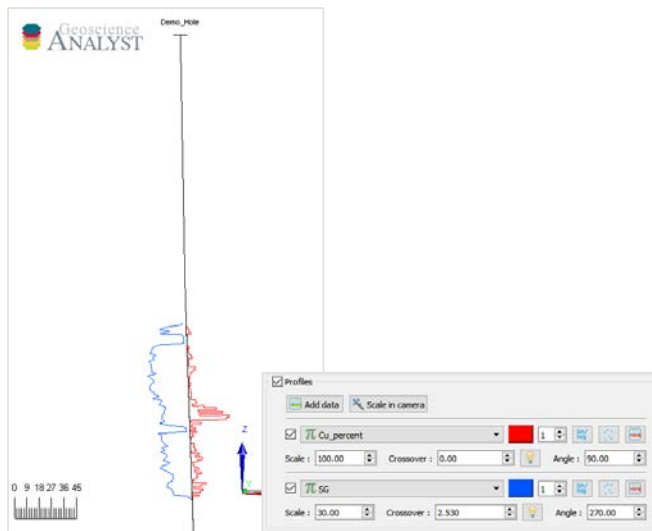
Multi-element data can be visualized as profiles on drillholes and curves.



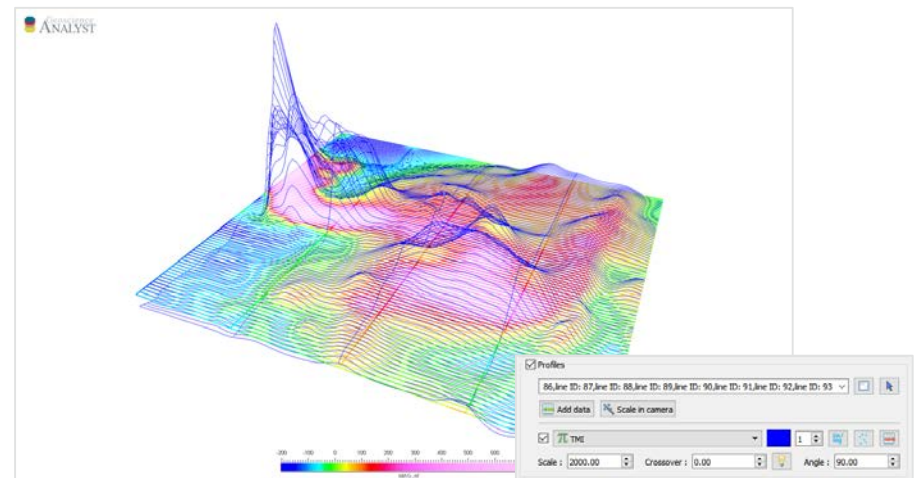
Ground EM data

Profile visualization

You can create profiles to allow you to compare several data types along drillholes or curves (e.g., flight lines, ground geophysics). Profiles can be scaled. Scaling is ideal to better view anomalies of lower amplitude.



Interval log (e.g., assays) and point log (e.g., geophysical logs) along the same drillhole, measured at different locations.

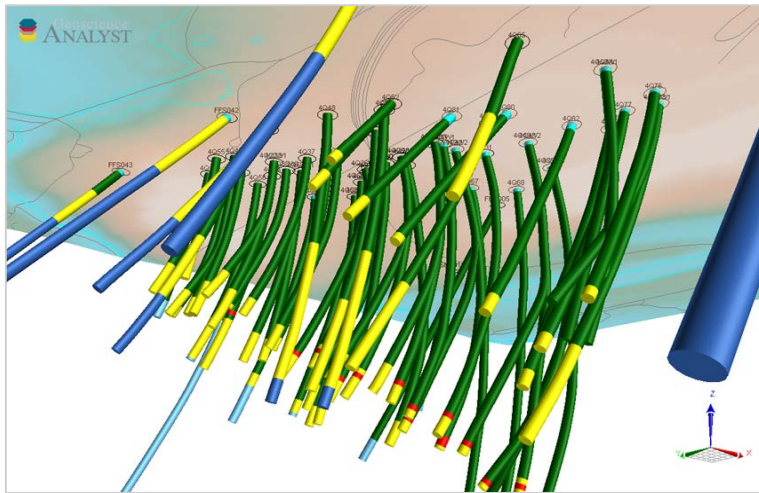


Total magnetic intensity.

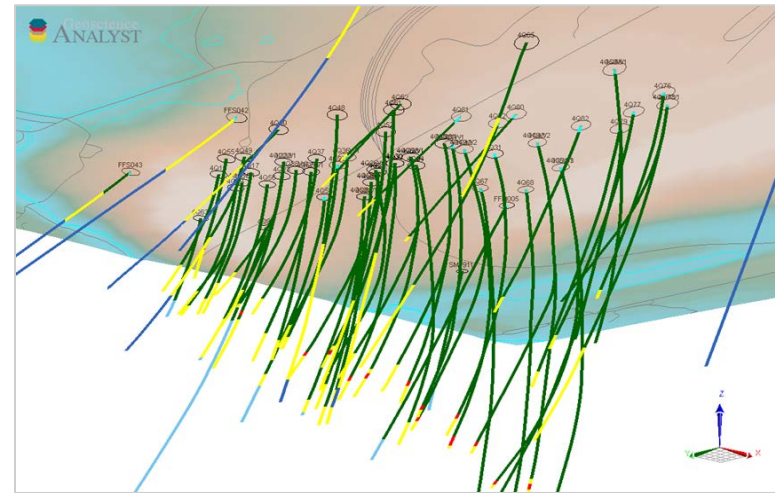
Profiles can be accessed via the Visual Parameters panel.

Display drillholes as cylinders or lines

In version 2.60 you have two log symbol display options for your drillhole. By default, the **Cylinder** option draws cylinders around the hole whereas the **Line** option plots the data on the drillhole path.



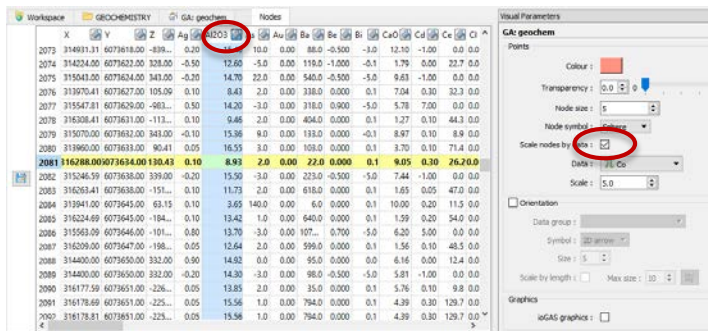
The Cylinder option allows you to control the radius and to scale the size of logs by a secondary data types.



The Line option improves rendering performance when displaying many drillholes, but does not scale logs by data type.

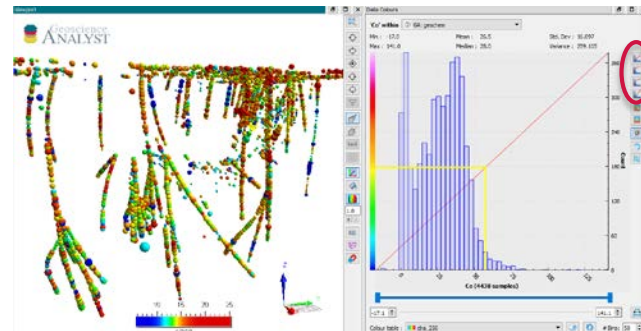
Scale nodes by data

Point object nodes and orientation symbols can be scaled by any numerical data attached to the object and defined by data colour. This allows you to investigate two properties at once and see how they are related.



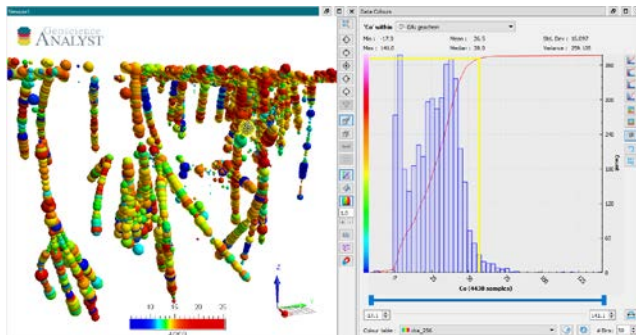
	X	Y	Z	Ag	Al2O3	Au	Ba	Be	Bi	CaO	Ca	Ce	Cl
2073	314931.31	6073618.00	-839...	0.20	10.0	0.00	88.0	-0.500	-3.0	12.10	-1.00	0.0	0.0
2074	314234.00	6073622.00	328.00	-0.50	12.60	-5.0	0.00	119.0	-1.000	-0.1	1.79	0.00	22.7
2075	315043.00	6073624.00	343.00	-0.20	14.70	22.0	0.00	540.0	-5.500	-5.0	9.63	-1.00	0.0
2076	313970.41	6073627.00	105.09	0.10	8.41	2.0	0.00	318.0	0.000	6.1	7.04	0.30	22.3
2077	315547.81	6073626.00	-491...	0.30	14.20	-3.0	0.00	318.0	0.000	-5.0	5.78	7.00	0.0
2078	316338.41	6073631.00	-113...	0.10	9.46	-2.0	0.00	484.0	0.000	0.1	1.27	0.10	44.3
2079	315070.00	6073630.00	-0.10	0.10	15.36	8.0	0.00	133.0	0.000	-0.1	8.47	0.10	8.8
2080	313960.00	6073633.00	90.41	0.05	16.55	3.0	0.00	105.0	0.000	0.1	3.70	0.10	71.4
2081	316288.00	6073634.00	130.43	0.10	8.93	2.0	0.00	22.0	0.000	0.1	9.05	0.30	26.2
2082	315246.59	6073638.00	339.00	-0.20	15.50	-3.0	0.00	223.0	-0.500	-5.0	7.44	-1.00	0.0
2083	316263.41	6073638.00	-151...	0.10	11.73	2.0	0.00	618.0	0.000	0.1	1.65	0.05	47.0
2084	313941.00	6073643.00	63.15	0.10	3.65	140.0	0.00	6.0	0.000	0.1	10.00	0.20	11.5
2085	316234.49	6073645.00	-181...	0.10	13.44	1.0	0.00	640.0	0.000	0.1	1.59	0.20	24.0
2086	315563.09	6073646.00	-101...	0.80	12.70	-3.0	0.00	107.0	0.700	-5.0	6.20	5.00	0.0
2087	316259.00	6073647.00	-198...	0.05	12.64	2.0	0.00	599.0	0.000	0.1	1.56	0.10	48.5
2088	314400.00	6073650.00	332.00	0.90	14.92	0.0	0.00	95.0	0.000	0.0	6.16	0.00	12.4
2089	314400.00	6073650.00	332.00	-0.20	14.30	-3.0	0.00	98.0	-0.500	-5.0	5.81	-1.00	0.0
2090	316177.59	6073651.00	-226...	0.05	13.85	2.0	0.00	35.0	0.000	0.1	5.76	0.10	9.8
2091	316178.69	6073651.00	-225...	0.05	15.56	1.0	0.00	794.0	0.000	0.1	4.29	0.30	129.7
2092	316178.81	6073651.00	-225...	0.05	15.56	1.0	0.00	794.0	0.000	0.1	4.29	0.30	129.7

Painted by Al₂O₃, scaled by Co

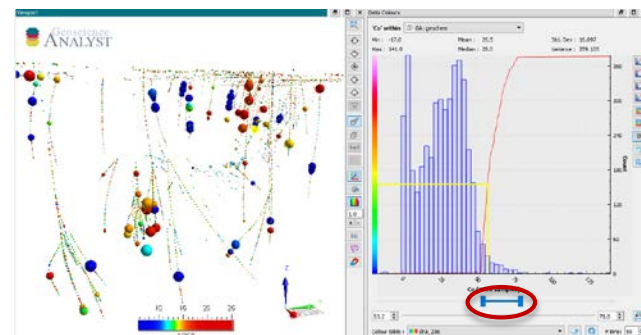


Linear transform

There are four transformation types available.



Equal area transform



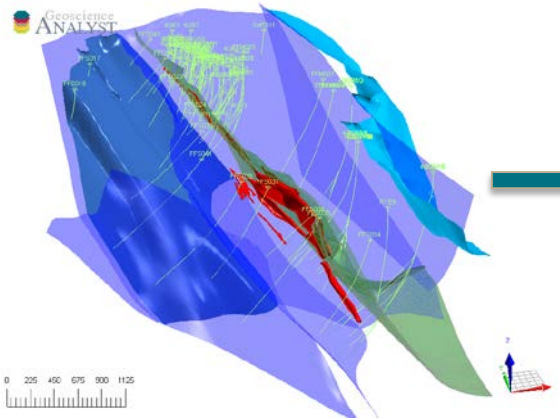
Clipped equal area transform

Controls the low and high clipping values of the data displayed.

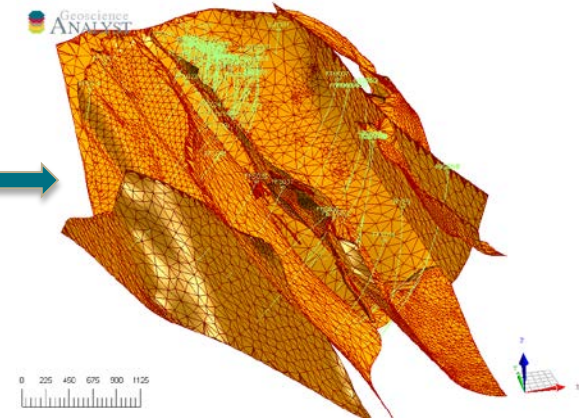
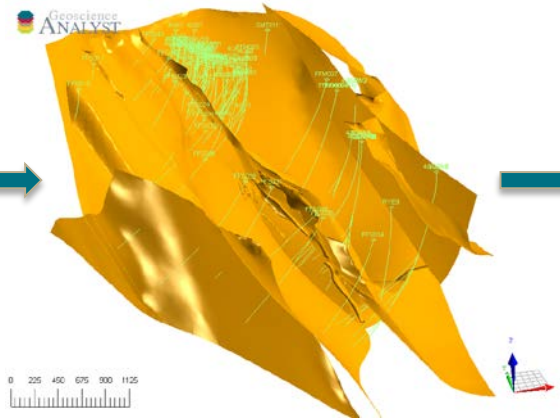
Bulk modifications of visual parameter

Objects of the same type (points, curves, surfaces, and blockModels) share the same visual parameter settings (e.g., colour, transparency, etc.). You can change the parameters on several objects at once by selecting multiple objects or folders.

Turn all surfaces opaque and colour them yellow.



Display mesh on all surfaces.



If you select objects of different types, only overlapping parameters can be modified in bulk.