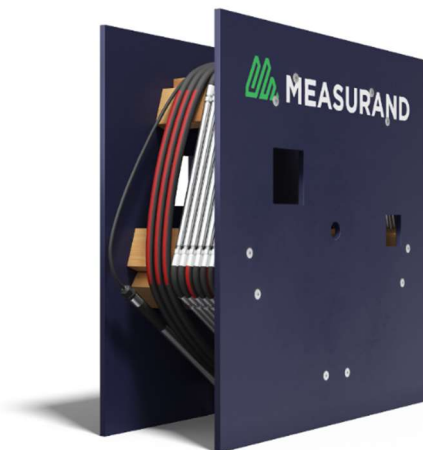


SAAScan for borehole and pile verticality checks

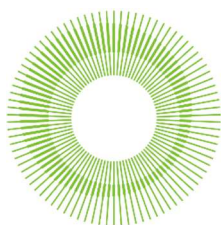


Field Power Unit

Designed to be used, moved, and re-used as quickly as possible, SAAScan is ideal for applications where a ground profile must be measured repeatedly e.g. jet grouting, borehole drilling, soil nailing, ground anchors and piling, SAAScan's robust and durable construction combines twist-resistant joints and thick-walled stainless steel segments. The construction contains a compact array of MEMS gravity sensors.

SAAScan saves time and money. It is a reel-based system enabling the measurement of hundreds of holes. A unique extension hose and cable terminator allows SAAScan to remain anchored on the reel while the rest of the array length is installed to collect an accurate profile of the hole. The SAAScan can be used in vertical or horizontal installations. It can be used to measure 3D shape within 60° of vertical as x, y, z displacements and tilt angles. Near horizontal shapes are measured as 2D projections in a vertical plane. The x, y, and z tilts due to gravity are measured in each segment. Temperature is measured in each segment. An unsensorized section is attached at the top of the SAAScan and includes Cable Terminator and Extension Hose. The Cable Terminator is meant to remain attached to the reel in order to help with determining the azimuth of the instrument, and to help properly align the SAAScan during reeling and unreeling without applying lateral force.

SAAScan is the quickest way to assess borehole verticality and avoid conflicts. Results are available instantly using the field power unit, a laptop computer and simple to use, free to download software to produce reports that are easy to understand.

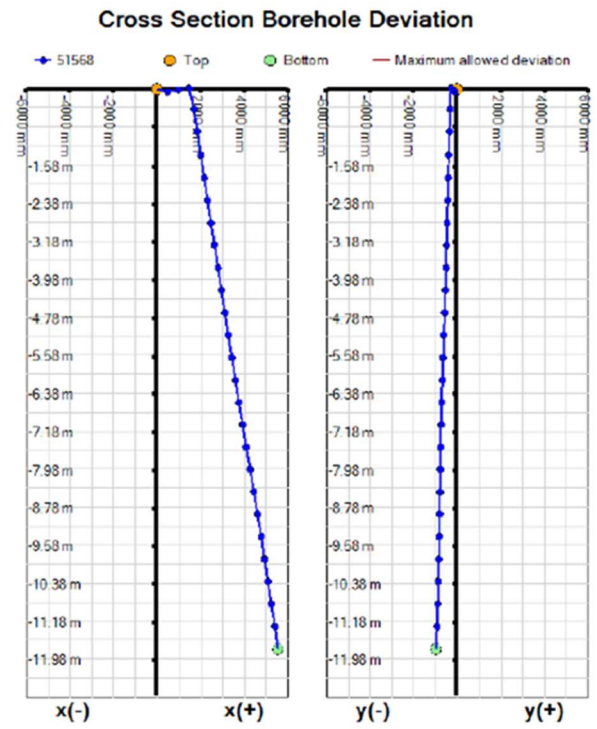
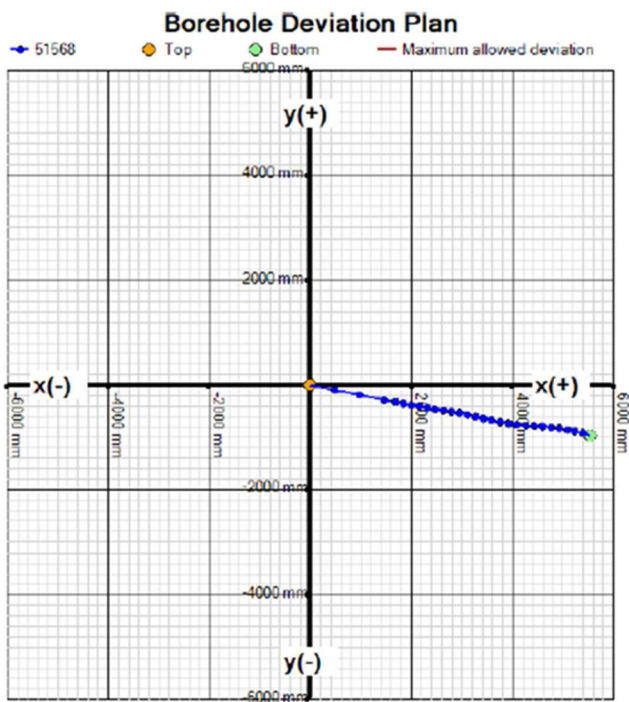


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Example SAAScan report

