

VERTICAL CORE ORIENTATIONS IMPOSSIBLE? **NOT ANY MORE!**

VERTI↓ORI™

BOREHOLE SURVEY WITH CORE ORIENTATION SYSTEM

Revolutionary Vertical Core Orientation & Borehole Survey System.

The **Verti-Ori™** system combines a mechanical core “footprint,” with a borehole survey instrument reading, to provide accurate core orientation to magnetic north.

Our patented **Ori-Block™** is pressed onto the face of the undrilled core break before the magnetic north survey is taken and prior to recommencement of drilling, to ensure an accurate bottom of hole profile is obtained. After drilling the core run, this orientation profile is matched to the first piece of core representing the bottom of hole prior to drilling. The number of degrees to magnetic north provided by the survey is deducted from the 360° reading on the **Ori-Block™**, producing a magnetic north orientation.

The **Verti-Ori™** tool assembly includes centralisers on the top and bottom of the survey unit to ensure it is absolutely central when taking the borehole survey. In addition to magnetic tool face, the survey instrument also records azimuth, dip, gravity roll, magnetic dip, magnetic intensity and all other measurements associated with a magnetic survey tool.

The full survey capability means the tool can also provide core orientations on angled holes also.

Additional benefits:

- ✓ **Automatic Self-centering.**
- ✓ **Auditable Core Orientations using the Ori-Block™.**
- ✓ **Fits most size boreholes.**
- ✓ **Surveys and Orientates both Vertical and Angled boreholes.**
- ✓ **Choice of Single or Multi-Shot Survey's.**

This system is used in tandem with our **Ezy-Az™** Borehole Survey Instrument, offering significant benefits over traditional methods. Further information on the **Ezy-Az™** Borehole Survey Instrument is provided overleaf.

Further information?

Take a look at the 2iC website or contact one of our friendly representatives for obligation free advice & quotes.



Verti-Ori™ lower centraliser.



Specialists in innovative products for the drilling industry.

Please visit our web-site for testimonials, demonstrations and our full product range.