



## ***WIRELINE CORE ORIENTATOR***

VRP WIRELINE CORE ORIENTATOR is an easy to use core orientation tool for use with wire line core drilling systems.

To use: raise rods 25 to 30mm from hole bottom and flush loose chips and sludge from core face.

Remove overshot assembly from wire line, attach core orientator to wire line and hang above rods. Extend contour pins to approximately 20mm beyond centre pin and lower the orientator to bottom taking care to lower gently on bottom as orientator will set under its own weight, any impact could result in damage to pins or face of core, always mark wire line for depth.

Remove Core Orientator from hole and lay on level surface, taking care not to displace contour pins and match core to pin configuration.

Mark top of core and orientation is complete.

### **INSTRUCTIONS FOR USE**

Before retrieving inner tube, mark wireline for depth. Locate rods approximately 25 to 30mm from bottom of hole. Circulate clean drilling fluid to flush chips and sludge from bottom of hole and core face.

Remove overshot from wire line and attach Core Orientator to wire line, hang core orientator above rods, extend contour pins about 25mm beyond center stop pin and lower orientator to near bottom, watch for wire line depth mark that you made before and gently lower orientator on bottom and allow it to set under its own weight as any impact could cause damage to pins or face of core.

Retrieve the core orientator and lay on level surface, taking care not to displace contour pins.

Match core to contour pins configuration after next coring run, mark top of core and orientation is completed.

Clean core orientator after each use in 44 gallon drum filled with clean fresh water by submerging the core orientator and allowing to fill then drain, repeat procedure 4 or 5 times, drain core orientator completely, wipe dry and replace in box.

To lubricate: rinse the bottom part of core orientator in some diesel fuel to above holes in brass bottom sub, grease top sub via grease nipple after each use until clean grease discharges from shaft. Use same grease as used for inner tube back end.

Core orientator must be returned for service if it becomes inoperable, dismantling of core orientator is not allowed under terms of hire.