



**IBR System**

The IBR system serves for in-situ shear wave profiling using an in-built 3C receiver system in a hammering rod. The 3C receiver system can be clamped downhole and shear waves can be generated at the surface. Depth up to 15 m can be reached and continuous shear wave profiles can be obtained. Together with P-wave velocities elastic moduli can be calculated.



In-Bit Receiver with Clamping



Air pressure supply from surface

**In-Situ Shear Wave Profiling**

