



## GEOTECHNICAL DRILLING, GEOFOUNDATION AND SITE INVESTIGATION EQUIPMENT

**John Lawrie Tubulars UK, one of the largest suppliers of steel tubular products in the UK and across Europe, manufactures a range of equipment to support the various aspects of ground investigation and foundation engineering including:**

**BS 4019 Casing** – designed to use with core barrels for geotechnical drilling – W series casing flush jointed is the most used casing for this requirement.

**Geo-Foundation** (Piling casing) – Using the knowledge gained from geotechnical engineering (rock and soil mechanics, geology and structural engineering) – the design and construction of foundation for structures and buildings can be calculated. JLT produces a range of casing to support this, from 3 start rope thread style casing and micro-pile taper threaded style casing (Pin piles) more used in Europe and the USA.

**Casing Advancing Systems** – Threaded or welded type casing used to case the borehole while using a hammer that advances the casing whilst drilling. There are a number of manufacturers of such systems and JLT produce casing to suit.

**Site Investigation Casing** (Threaded to BS 879 waterwell specification) is used in Shell and Auger style drilling and is carried out to ascertain ground conditions and enables sampling of soils for calculations. This type of casing is also known as waterwell casing and is used to line a borehole.

