



**Project :** Jaguar Land Rover – Engine Manufacturing Facility

**Client:** Interserve Special Projects

**Total Project Value:** £500M

**Subcontract Value:** £11.75M

**Commenced:** July 2012

**Duration:** 116 Weeks



**Scope:** Full groundworks package to build the new engine manufacturing facility involving extensive external and foundation works.



- Extensive de-rocking of sandstone ground.
- Over 600 large reinforced foundations and associated ground beams.
- 3,500m<sup>2</sup> Ground floor concrete slabs.
- 8,000 Roof slabs and mezzanine decks.
- Foul and surface water drainage systems up to 6m deep, with pipes varying in size from 100mm up to 1,200mm diameter, and manholes up to 4m diameter.
- Excavation and installation of 3 large oil interceptors.
- Installation of 74,000 litre rainwater harvesting tank.
- 3 large bentomat lined attenuation ponds.
- 240 linear metres of gabion walling, and 175m of cribblock walling, both to 3.7m high.
- Installation of rapid stack duct box system to facilitate installation of communications, data, HV / LV cabling etc.

