

Clay Cross

Site Area: 26 Hectares
Former Use: Foundry and Sportsfield
Client: Private Property Developer
Value: £260,000 - £310,000

As part of the Clay Cross works we were required to undertake any stabilisation works on encountered historic mineshafts, these works were undertaken in consultation with and approval of the Coal Authority.

Two shafts in excess of 100 metres were identified and treated within the Sportsfield. Treatment comprised pressure grouting using a 10:1 PFA/OPC grout with a reinforced concrete slab at surface. Slab works were undertaken using a Coal Authority approved design.

The capping in the treated shafts were placed at depth in accordance with the developers specific requirements to allow construction works of the sewer mains.

During the remediation of the main Foundry site seven mineshafts were located all within the coal excavation works. The shafts were found to range between 1.8m and 5.0m in diameter and all of them were capped in accordance with Provectus own design approved by the Coal Authority.

The cap design allowed for the placement of up to 25m of engineered fill to be placed above and thus allow redevelopment of the site on completion.

