## Project Profile: Kimberley, Residential Development

Former Site Use: Former Bus Depot

Client: Armac

with coal

Value: £35,000

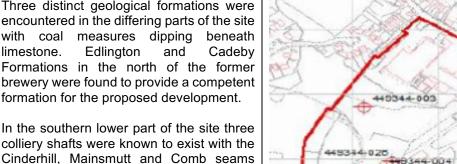
Location: Kimberley, Nottinghamshire

Remada was commissioned by Armac Group to conduct a site investigation of former brewery and colliery site, as part of a demolition and remediation scheme in preparation for a residential development.



Remada designed a geotechnical and geoenvironmental ground investigation to assess former mine workings and potential contaminants. The scope of ground investigation comprised:

- Utilities avoidance
- 6 No Comacchio boreholes to 10m
- 12 No window samples
- 6 No trial pits
- 10 No rotary holes to 30m
- Chemical analysis
- Geotechnical classification and strength tests
- Waste classifications
- Gas monitoring
- Groundwater monitoring



limestone. Edlinaton and Cadeby Formations in the north of the former brewery were found to provide a competent formation for the proposed development. In the southern lower part of the site three

dipping

measures

colliery shafts were known to exist with the Cinderhill, Mainsmutt and Comb seams being within 30m of the ground surface.

In the east of the site a former railway



embankment and cutting also gave rise to concern for asbestos contaminated spoil heaps.

Remada provided a combined Factual & Geonviromental Interpretative Geotechnical Report, a separate Coal Mining Risk Assessment.

One output of the work was to quantity remediation costs as part of the client's demolition and remediation contract.

## Remada

Due Diligence

Desk Study

Intrusive Ground Investigation

Human Health Risk Assessment

Water Resource Risk Assessment

Mining Risk Assessment

**Preliminary Foundation** Design Recommendations

Remediation Strategies & Method Statements

Pre-acquisition Advice

Abnormal Cost Assessment

Materials Management Plans & Declarations

UST Decommissioning

Soil Bio-remediation

Soil Stabilisation

In-situ Groundwater

EA Remediation Permit

Verification & Completion Reports

Soil Treatment Facility

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