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BARR ENVIRONMENTAL LTD

BARR KILLOCH ENERGY RECOVERY PARK

GEO-ENVIRONMENTAL DESK STUDY REPORT

MARCH 2015

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REPORT NUMBER: 001

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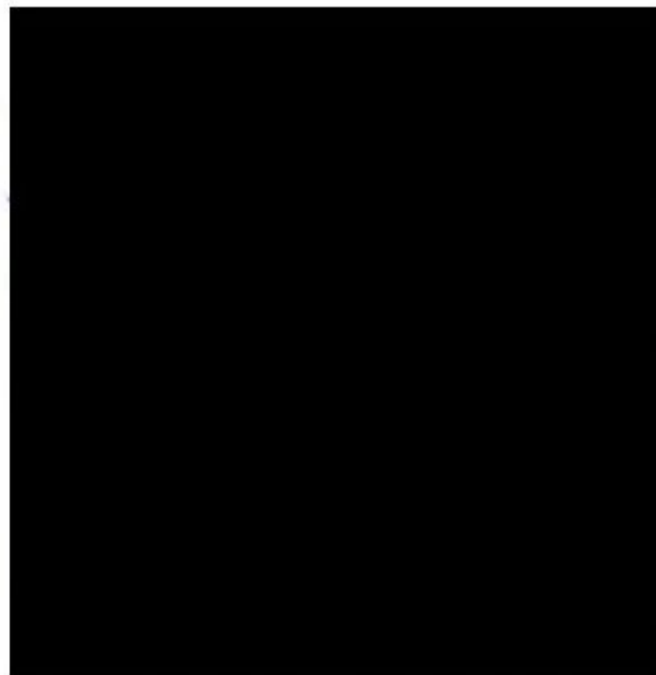
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Appendix B	Envirocheck Report
Appendix C	Selected British Geological Survey Borehole Logs
Appendix D	Coal Authority Mining Report and Mine Shaft Datasheets

DRAWINGS

Drawing Number	Title	Scale
LE12479-001	Site Location	1:50 000
LE12479-005	Conjectured Mining Constraints Plan	1:2500

1 INTRODUCTION

- 1.1.1 Wardell Armstrong LLP (WALLP) were commissioned by Barr Environmental Limited to carry out a Geo-environmental Desk Study at their Killoch site, located as shown on Drawing Number LE12479-001.
- 1.1.2 The Geo-environmental Desk Study represents the first stage of a Site Investigation and comprises the review of readily available documentary sources of information relating to the site history, geology, former coal mining activities and environmental (contamination) liabilities/constraints. The completion of a desk study enables potential geohazards to be identified and a preliminary assessment of the associated risks to be carried out.
- 1.1.3 The proposed development is understood to comprise an Energy From Waste (EFW) plant to be constructed in the western side of the site area under investigation.
- 1.1.4 The results of the desk study researches are presented in this report and conclusions are drawn regarding the geological, geotechnical, coal mining, and environmental (contamination) geohazards that potentially affect the proposed development. Recommendations are given in the report for ground investigation to further investigate the geohazards identified, and to provide a sufficient level of information so that their risks can be better understood and assessed.
- 1.1.5 Other broader potential development constraints such as services, land drainage, flood risk, ecology, invasive weeds, archaeology etc. are not considered in this report.
- 1.1.6 During the desk study, various sources of information prepared by third parties have been obtained and interpreted. Although WALLP has carried out a level of checking of such information during the interpretation process, within the time and financial limitations of this commission it is impossible for WALLP to verify the accuracy of all third party information. Consequently, if any errors or omissions should arise due to such inaccuracies, WALLP cannot be held liable for these.