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## EARTH SCIENCE ON-SITE PROJECT

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BARROW HILL L.N.R., DUDLEY.



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### INDEX: SECONDARY

#### **SITE: BARROW HILL L.N.R., DUDLEY**

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*It is anticipated that the ideas and materials presented here will be adapted by schools, and others, to be more appropriate for their own purposes and programmes of study. **In such circumstances please acknowledge the source as the Earth-Science On-Site project.***

#### **SECTION**

#### **FILE**

##### **Earth-Science On-Site Index**

Identifies the content of the BAR files.

**BAR1 Index**

##### **Project Introduction**

Introduces the Project and its goals.

**BAR2 Intro**

##### **Site Location and Access**

Describes the site and how to get there. It includes a brief preliminary risk assessment.

**BAR3 locaccess**

##### **Earth Science Briefing for the Site**

Provides the Earth Science background “story” for group leaders as well as the Earth Science principles that can be demonstrated at this site.

**BAR4 briefing**

##### **KS3 National Curriculum Links**

Summarises the NC areas from Schemes of work.

**BAR5 NCKS3**

##### **KS3 Preparation and Follow-up Ideas**

Suggested preparatory and follow-up work to this **On-Site** visit including pupil homework sheets.

**BAR6 KS3 Prep**

##### **KS3 The Field Exercises**

Introduction with maps and photographs of the site with key points labelled. Suggested exercises and questions (with answers) are included.

**BAR7 KS3 Field Ex**

##### **KS3 Pupil Worksheets**

Suggested worksheets for KS4 exercises at each of the sites.

**BAR8 KS3 Worksheets**

##### **KS3 Teachers Notes**

Additional material for teachers on the preparation suggestions, field exercises and follow up homework.

**BAR9 Teachers Notes**

#### **OTHER REFERENCES:**

<http://www.earthscienceeducation.com>

<http://www.jesei.org>

<http://www.esta-uk.org>

email: [eseu@keele.ac.uk](mailto:eseu@keele.ac.uk)

#### **OTHER PUBLICATIONS:**

ESTA Science of the Earth 11 – 14. Bulk Constructional Minerals. Refer to ESTA website for availability

“Barrow Hill: Dudley Volcano” leaflet from Dudley Museum (Tel: 01384 825575)