

© UKRIGS Education Project: Earth Science On-Site

Funded by Defra's Aggregates Levy Sustainability Fund, administered by English Nature.

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**SITE: SOUTH ELMSALL QUARRY**

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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****SE1_index.pdf**

Identifies the content of the SE files.

Project Introduction**SE2_intro.pdf**

Introduces the Pilot Project and its goals.

Site Location and Access**SE3_locaccess.pdf**

Describes the site and how to get there.

Includes a preliminary Risk Assessment.

Earth Science Briefing for the Site**SE4_briefing.pdf**

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

KS4 National Curriculum (NC) Links**SE5_NC_KS4.pdf**

Summarises the NC areas covered by the exercises.

KS4 Preparation and Follow-up Ideas**SE6_KS4_prep.pdf**

Investigating Evaporite Sediments:

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

SE6_KS4_prep_worksheets.pdf**KS4 Field Exercises at South Elmsall Quarry****SE7_KS4_field_ex.pdf**

Introduction with maps and photographs of the site
with key points labelled. Suggested exercises and questions.

Pupil Maps and Worksheets**SE8_worksheets.pdf**

Copies of worksheets for pupil field observation and recording
exercises.

Teacher notes on Field Exercises**SE9_notes.pdf**

More detailed supporting notes for field leaders.

FURTHER READING:

Bell R (1996) Yorkshire Rock – a journey through time. Earthwise Publication. BGS

Rayner DH and Hemingway JE (eds) (1974) The Geology and Mineral Resources of Yorkshire. Published by Yorkshire Geological Society.

British Regional Geology (2002) The Pennines and Adjacent Areas (Fourth Edition) BGS.

OTHER REFERENCES

<http://www.jesei.org>

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

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