Correlation of fracture patterns, lithology and tectonic position in Mesozoic predominantly carbonate rocks, exposed in the Northern Apennines of Italy

H. Nolte, D. van Oosterhout, T. Ravestein (2012)

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Appendix A

Umbria-Marche Succession with chronostratigraphy and lithostratigraphy

Source: Drops of Time, A. Montanari et al, 2002
Appendix B
Cross-section AA’ in NE-SW direction
Source: data gathered from the field
Appendix C

Correlation of fracture patterns, lithology and tectonic position in Mesozoic predominantly carbonate rocks, exposed in the Northern Apennines of Italy

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Source: data generated from the field

Outcrop

DIGIFRACT - COL 0

Scaglia Rossa | 50 43/37
Correlation of fracture patterns, lithology and tectonic position in Mesozoic predominantly carbonate rocks, exposed in the Northern Apennines of Italy

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Appendix E

COL3 – Scaglia Bianca Fm.

Source: data gathered from the field

<table>
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<th>Lithological Column [m]</th>
<th>Fracture density [m⁻¹]</th>
<th>Fracture [m]</th>
<th>Avg. Fracture [m]</th>
<th># Intersects [-]</th>
<th>Column Spacing [m]</th>
<th>Horizon Height [m]</th>
<th>Horizon Thickness [m]</th>
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<td>COL3</td>
<td>0.15 ± 0.08</td>
<td>0.15 ± 0.08</td>
<td>0.15 ± 0.08</td>
<td>0.15 ± 0.08</td>
<td>0.15 ± 0.08</td>
<td>0.15 ± 0.08</td>
<td>0.15 ± 0.08</td>
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DIGIRACET – COL3

FM Scaglia Bianca | 3.0 024/40
Appendix F

COL4 – Maiolica Fm.

Source: data gathered from the field
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Appendix H
Correl. Scaglia Rossa Fm.
Source: data gathered from the field

DIGIFRACT - COL 6
Fm. Scaglia Rossa | 50° 236/28
Correlation of fracture patterns, lithology and tectonic position in Mesozoic predominantly carbonate rocks, exposed in the Northern Apennines of Italy

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Appendix I

COL8 – Scaglia Variegata fm.

Source: data gathered from the field
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Appendix J

COL 9 – Dip Fm.

Source: data gathered from the field
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Appendix K

Source: data gathered from the field
Appendix L

COL11 – Diaspri Fm.

Source: data gathered from the field
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Appendix M
COL12 – Scaglia Rossa Fm.
Source: data gathered from the field