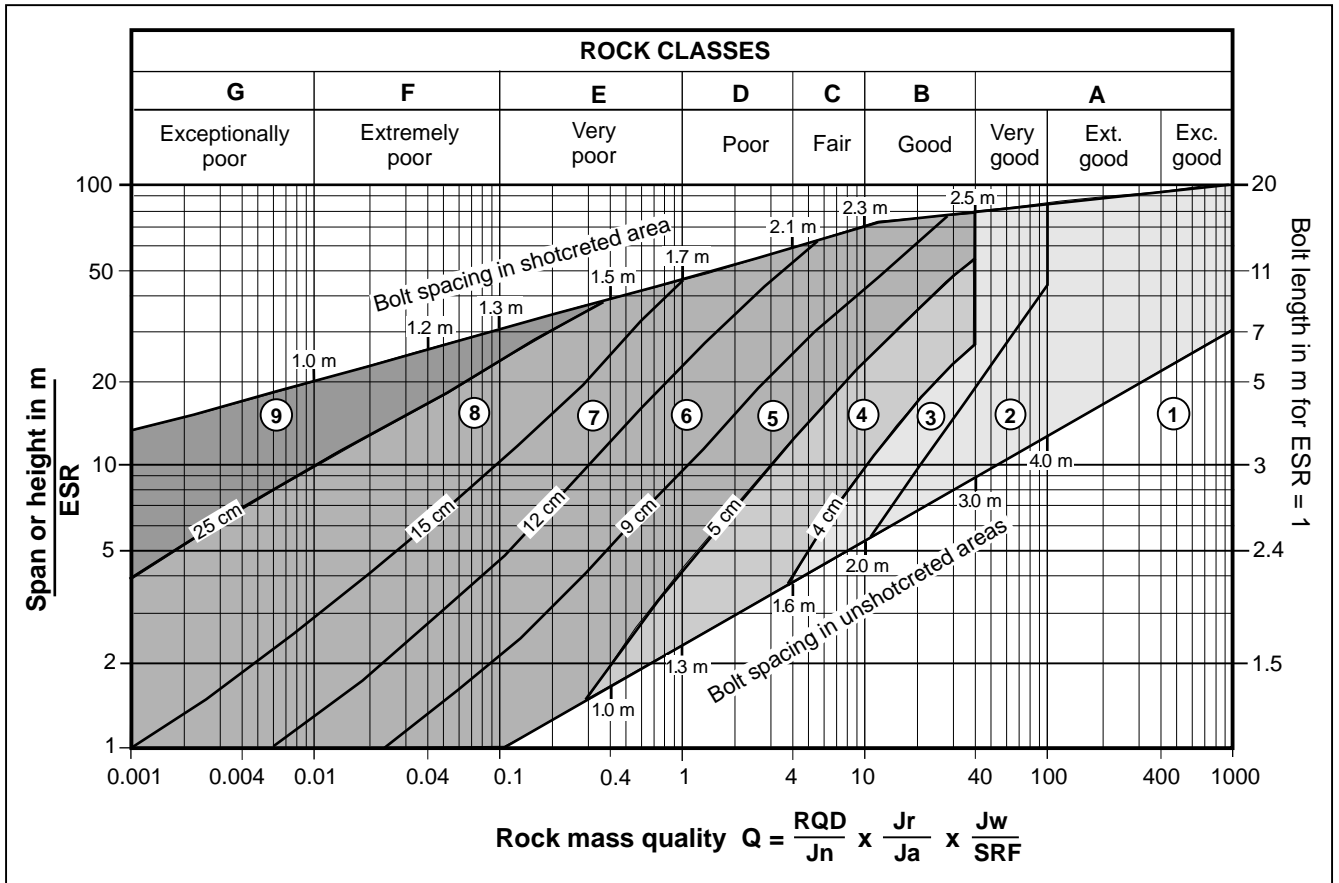


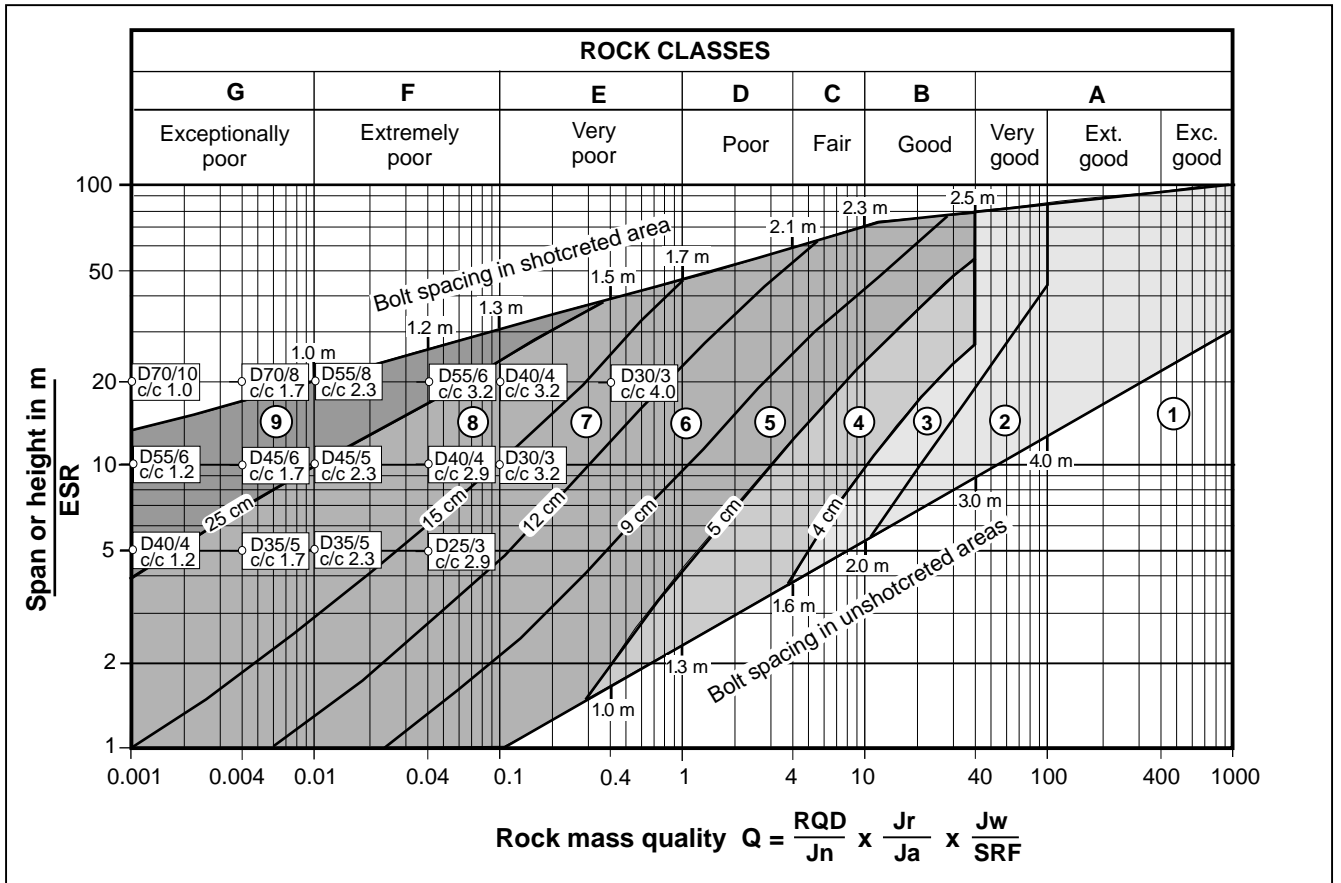
**REINFORCEMENT CATEGORIES:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1) Unsupported</li> <li>2) Spot bolting, <b>sb</b></li> <li>3) Systematic bolting, <b>B</b></li> <li>4) Systematic bolting,<br/>(and unreinforced shotcrete, 4 - 10 cm), <b>B(+S)</b></li> </ul> | <ul style="list-style-type: none"> <li>5) Fibre reinforced shotcrete and bolting, 5 - 9 cm, <b>Sfr + B</b></li> <li>6) Fibre reinforced shotcrete and bolting, 9- 12 cm, <b>Sfr + B</b></li> <li>7) Fibre reinforced shotcrete and bolting, 12 - 15 cm, <b>Sfr + B</b></li> <li>8) Fibre reinforced shotcrete, &gt; 15 cm,<br/>reinforced ribs of shotcrete and bolting, <b>Sfr, RRS+B</b></li> <li>9) Cast concrete lining, <b>CCA</b></li> </ul> |
|---|--|



**REINFORCEMENT CATEGORIES:**

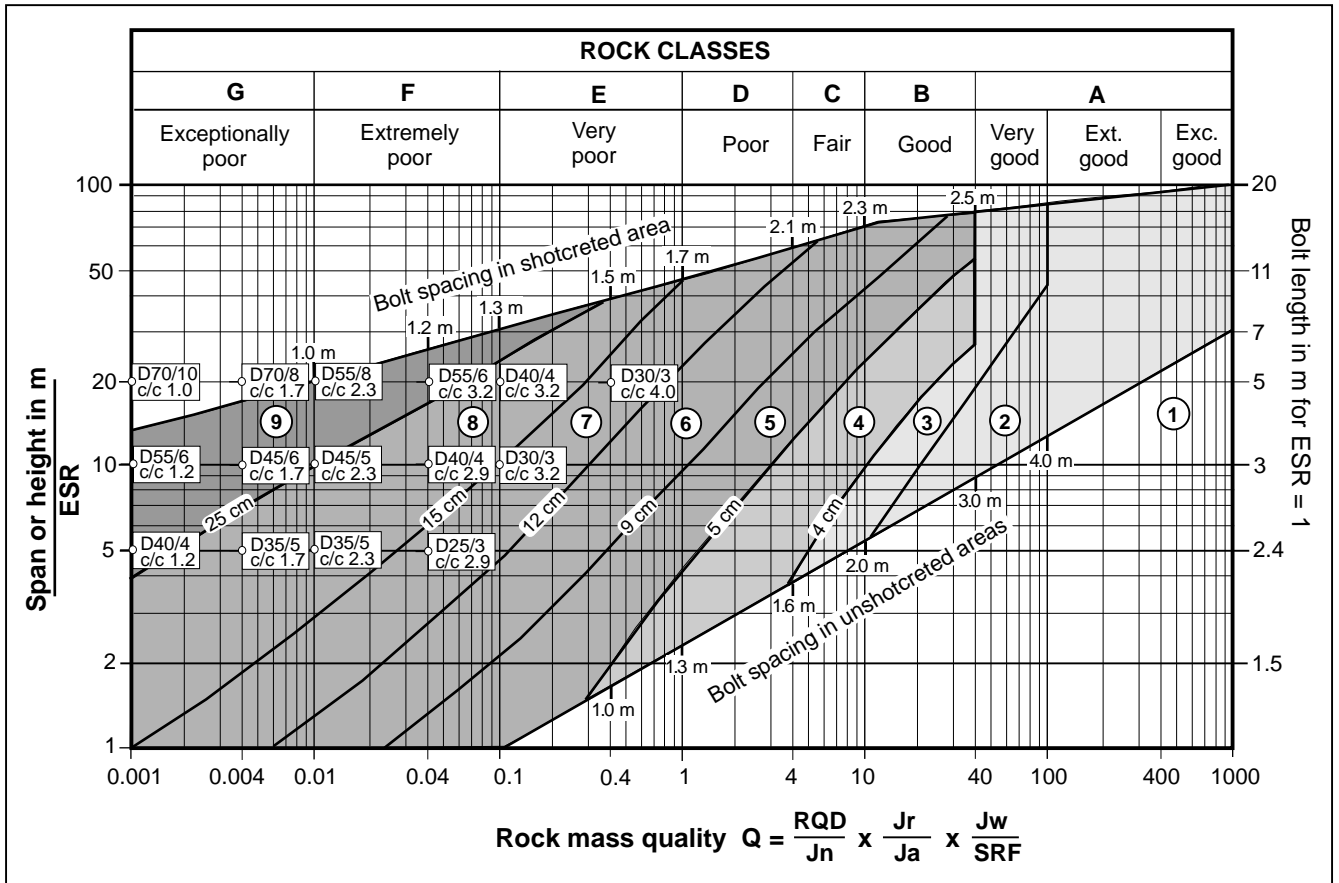
- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1) Unsupported</li> <li>2) Spot bolting</li> <li>3) Systematic bolting</li> <li>4) Systematic bolting, (and unreinforced shotcrete, 4 - 10 cm)</li> <li>5) Fibre reinforced shotcrete and bolting, 5 - 9 cm</li> </ul> | <ul style="list-style-type: none"> <li>6) Fibre reinforced shotcrete and bolting, 9- 12 cm</li> <li>7) Fibre reinforced shotcrete and bolting, 12 - 15 cm</li> <li>8) Fibre reinforced shotcrete, &gt; 15 cm, reinforced ribs of shotcrete and bolting</li> <li>9) Cast concrete lining</li> </ul> |
|---|--|



**REINFORCEMENT CATEGORIES:**

- |   |  |
|---|--|
| <ul style="list-style-type: none"> <li>1) Unsupported</li> <li>2) Spot bolting</li> <li>3) Systematic bolting</li> <li>4) Systematic bolting, (and unreinforced shotcrete, 4 - 10 cm)</li> <li>5) Fibre reinforced shotcrete and bolting, 5 - 9 cm</li> </ul> | <ul style="list-style-type: none"> <li>6) Fibre reinforced shotcrete and bolting, 9- 12 cm</li> <li>7) Fibre reinforced shotcrete and bolting, 12 - 15 cm</li> <li>8) Fibre reinforced shotcrete, &gt; 15 cm, reinforced ribs of shotcrete and bolting</li> <li>9) Cast concrete lining</li> </ul> |
|---|--|

D55/6  
c/c 1.2 Reinforced shotcrete ribs: 6 reinforcement bars in double layers in 55cm thick ribs with centre to centre (c/c) spacing 1.2m. Each box corresponds to Q-values of the left side of the box, as indicated.



**REINFORCEMENT CATEGORIES:**

- |  |  |
|--|--|
| <ul style="list-style-type: none"> <li>1) Unsupported</li> <li>2) Spot bolting</li> <li>3) Systematic bolting</li> <li>4) Systematic bolting, (and unreinforced shotcrete, 4 - 10 m)</li> <li>5) Fibre reinforced shotcrete and bolting, 5 - 9 cm</li> </ul> | <ul style="list-style-type: none"> <li>6) Fibre reinforced shotcrete and bolting, 9- 12 cm</li> <li>7) Fibre reinforced shotcrete and bolting, 12 - 15 cm</li> <li>8) Fibre reinforced shotcrete, &gt; 15 cm, reinforced ribs of shotcrete and bolting</li> <li>9) Cast concrete lining</li> </ul> |
|--|--|