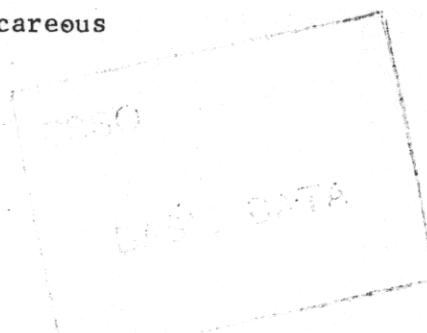


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|             |  |
|-------------|--|
| 4140'-4170' | 20% Marl : as above<br>80% Siltstone : as above  |
| 4170'-4200' | 10% Marl : as above<br>90% Siltstone : as above  |
| 4200'-4230' | 10% Marl : as above<br>90% Siltstone : as above  |
| 4230'-4260' | 100% Siltstone : as above  |
| 4260'-4290' | 50% Siltstone : as above<br>50% Shale : mid grey, olive grey, finely divided<br>subangular, compact, moderately friable  |
| 4290'-4320' | 90% Shale, mid grey to olive-grey, compact, sub angular<br>to sub rounded, poorly sorted, moderately hard , no<br>porosity or permeability<br>10% Siltstone : as above |
| 4320'-4350' | 90% Shale : as above<br>10% Siltstone : as above, calcareous   |
| 4350'-4380' | 80% Shale : as above<br>20% Siltstone : as above   |
| 4380'-4410' | 90% Shale : as above<br>10% Siltstone : as above   |
| 4410'-4440' | 80% Shale : as above<br>10% Siltstone:<br>10% Sandstone : buff coloured to light brown, very fine<br>grained, calcareous, subrounded, hard, trace glauconite           |
| 4440'-4470' | 80% Shale As above<br>20% Sandstone : as above, well sorted  |
| 4470'-4500' | 40% Shale : as above<br>30% Siltstone (Marly siltstone): as above<br>30% Sandstone : as above  |
| 4500'-4530' | 30% Shale : as above<br>30% Siltstone : as above<br>40% Sandstone : as above   |
| 4530'-4560' | 30% Shale : olive-grey, as above<br>40% Siltstone : medium grey, as above<br>30% Sandstone : buff to light brown, as above   |
| 4560'-4590' | 30% Shale : as above<br>40% Siltstone : as above<br>30% Sandstone : as above   |
| 4590'-4620' | 20% Shale : as above<br>50% Siltstone : as above<br>30% Sandstone : as above   |
| 4620'-4650' | 30% Shale : as above<br>40% Siltstone : as above<br>30% Sandstone : as above   |
| 4650'-4680' | 20% Shale : as above<br>40% Siltstone : as above<br>40% Sandstone : as above   |



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