|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Model** | **Sandstone** | **Sandstone 1** | **Siltstone 1** | **Siltstone /** **Claystone 1** | **Siltstone /** **Claystone** | **Carbonate** |
| **Composition** | *Very fine sand/sandstone* | *Alternating sand/sandstone and*  *mud/mudstone layers* | *Alternating silt/siltstone and*  *clay/claystone layers* | *Sand/sandstone-silt/siltstone-clay/*  *claystone* | *Silt/Siltstone* | *Calcareous silty clay/claystone* |
| *Fine sand/sandstone* | *Sandy clay/Claystone* | *Clayey silt/Siltstone* | *Clayey sand/Sandstone* | *Silty clay/claystone* | *Calcareous silt/siltstone* |
| *Medium sand/sandstone* | *Sandy silt/Siltstone* |  | *Silty sand/Sandstone* | *Clay/claystone* | *Calcareous ooze* |
| *Coarse sand/sandstone* |  |  | *Clay* | *Calcareous clay/claystone* |
| *Sand* | *Silt* | *Chalk* |
| *Sand/Sandstone* | *Mudstone* | *Marlstone* |
|  |  | *Rudstone*  *Floatstone*  *Grainstone*  *Packstone*  *Wackstone*  *Boundstone* |
| *Limestone* |
| *Calcareous claystone* |
| **Lithology Code** | 10 | 11 | 12 | 13 | 14 | 15 |