

# ST. BEES RED SANDSTONE

## PHYSICAL PROPERTIES

### APPARENT POROSITY:

St. Bees 20.4%  $sd = 0.78$

### WATER ABSORPTION:

St. Bees 9.6%  $sd = 0.46$

### APPARENT SOLID DENSITY:

St. Bees 2660kg/m<sup>3</sup>  $sd = 0$

### BULK DENSITY:

St. Bees 2120kg/m<sup>3</sup>  $sd = 0.02$

### SATURATION COEFFICIENT:

St. Bees 0.57  $sd = 0.1$

### POINT COUNT: St. Bees

Mineral	%
Quartz	66
Clay	26
Orthoclase	1
Muscovite	1
Lithics	1
Microcline	0
Plagioclase	0.5
Perthite	0.5
Opaques	4

### X-RAY DIFFRACTION:

Confirmed the above and identified clay as predominantly Kaolinite.  
Also identified minor Dolomite in St. Bees.

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## E. MOORHOUSE & SONS

Established 1889

Suppliers of St. Bees Red Sandstone

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