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## GRAIN SIZE CLASSIFICATION CHART

CoalLog Dictionary v1.0			
Item	Code	Description	Source
<b>Conglomerates</b>			
NB descriptions are different to those in common use (Wentworth scale).			
granular	GG	Containing grains 2 to 20 mm in size.	AS1289
granular to pebbly	GP	Containing grains 2 to 60 mm in size.	AS1289
granular to cobbly	GO	Containing grains 2 to 200 mm in size.	AS1289
granular to bouldery	GU	Containing grains 2 to >200 mm in size.	AS1289
pebbly	PP	Containing grains 20 to 60 mm in size.	AS1289
pebbly to cobbly	PO	Containing grains 20 to 200 mm in size.	AS1289
pebbly to bouldery	PU	Containing grains 20 to >200 mm in size.	AS1289
cobbly	OO	Containing grains 60 to 200 mm in size.	AS1289
cobbly to bouldery	OU	Containing grains 60 to >200 mm in size.	AS1289
bouldery	UU	Containing grains >200 mm in size.	AS1289
<b>Sandstones / Sand / Gravel</b>			
NB descriptions are different to those in common use (Wentworth scale).			
very fine grained	VV		
very fine to fine grained	VF		
very fine to medium grained	VM		
very fine to coarse grained	VC		
very fine to very coarse grained	VX		
fine grained	FF	Consists of grains ranging from 0.06 to 0.20 mm in size for Sandstone or Sand, and from 2 to 6 mm for Gravel.	AS1289
fine to medium grained	FM	Consists of grains ranging from 0.06 to 0.60 mm in size for Sandstone or Sand, and from 2 to 20 mm for Gravel.	AS1289
fine to coarse grained	FC	Consists of grains ranging from 0.06 to 2.00 mm in size for Sandstone or Sand, and from 2 to 60 mm for Gravel.	AS1289
fine to very coarse grained	FX		
medium grained	MM	Consists of grains ranging from 0.20 to 0.60 mm in size for Sandstone or Sand, and from 6 to 20 mm for Gravel.	AS1289

## GRAIN SIZE CLASSIFICATION CHART (CONT.)

CoalLog Dictionary v1.0			
<u>Item</u>	<u>Code</u>	<u>Description</u>	<u>Source</u>
medium to coarse grained	<b>MC</b>	Consists of grains ranging from 0.20 to 2.00 mm in size for Sandstone or Sand, and from 6 to 60 mm for Gravel.	AS1289
medium to very coarse grained	<b>MX</b>		
coarse grained	<b>CC</b>	Consists of grains ranging from 0.60 to 2.00 mm in size for Sandstone or Sand, and from 20 to 60 mm for Gravel.	AS1289
coarse to very coarse grained	<b>CX</b>		
very coarse grained	<b>XX</b>		
very fine grained (VV)	<b>S1</b>	Consists of individual grains of sediment, or lithified particles ranging from 0.0625 – 0.125mm in diameter.	Udden-Wentworth, 1922
fine grained (FF)	<b>S2</b>	Consists of individual grains of sediment, or lithified particles ranging from 0.125 – 0.250mm in diameter.	Udden-Wentworth, 1922
fine to medium grained (FM)	<b>S3</b>	Consists of individual grains of sediment, or lithified particles ranging from 0.125 – 0.50mm in diameter.	Udden-Wentworth, 1922
medium grained (MM)	<b>S4</b>	Consists of individual grains of sediment, or lithified particles ranging from 0.25 – 0.50mm in diameter.	Udden-Wentworth, 1922
coarse to very coarse grained (CX)	<b>S5</b>	Consists of individual grains of sediment, or lithified particles ranging from 0.50 – 2mm in diameter.	Udden-Wentworth, 1922
Interbedded, fine and coarse	<b>S6</b>	Consists of interbedded layers of individual grains of sediment, or lithified particles ranging from 0.125 – 0.25mm and 0.50 – 1mm in diameter. units	
medium to coarse grained (MC)	<b>S7</b>	Consists of individual grains of sediment, or lithified particles ranging from 0.25 – 1mm in diameter.	Udden-Wentworth, 1922
coarse grained (CC)	<b>S8</b>	Consists of individual grains of sediment, or lithified particles ranging from 0.50 – 1mm in diameter.	Udden-Wentworth, 1922
very coarse grained (XX)	<b>S9</b>	Consists of individual grains of sediment, or lithified particles ranging from 1 – 2mm in diameter.	Udden-Wentworth, 1922