

### **Competency Codes**

<b>Code</b>	<b>Description</b>
-3	Unconsolidated
-2	Moderately Friable
-1	Slightly Friable
0	Lithified (moderate quartz overgrowths)
1	Weakly Silicified (well developed qtz overgrowths)
2	Moderately Silicified (breaks across grains)
3	Strongly Silicified (original texture obliterated)

### **Grain Size Codes**

<b>Code</b>	<b>Grain Size</b>	<b>Description</b>
1	Cobbles	> 64 mm
2	Pebbles	4 - 64 mm
3	Granules	2 - 4 mm
4	Very coarse sand	1 - 2 mm
5	Coarse sand	0.5 - 1.0 mm
6	Medium sand	0.25 - 0.5 mm
7	Fine sand	0.125 - 0.25 mm
8	Very fine sand	0.063 - 0.125 mm
9	silt/mud	< 0.063 mm

### **Friability Codes**

<b>Code</b>	<b>Description</b>
1	Competent (very hard)
2	Moderately Friable
3	Friable (crumples in hand)
4	Locally friable over interval
5	Unconsolidated

## Munsell Colour Codes

Munsell Code	Colour
10B2.5/1	bluish black
10B3/1	dark bluish grey
10B4/1	dark bluish grey
10B5/1	bluish grey
10B6/1	bluish grey
10B7/1	light bluish grey
10B8/1	light bluish grey
10BG2.5/1	greenish black
10BG3/1	dark greenish grey
10BG4/1	dark greenish grey
10BG5/1	greenish grey
10BG6/1	greenish grey
10BG7/1	light greenish grey
10BG8/1	light greenish grey
10G2.5/1	greenish black
10G3/1	dark greenish grey
10G4/1	dark greenish grey
10G5/1	greenish grey
10G6/1	greenish grey
10G7/1	light greenish grey
10G8/1	light greenish grey
10GY2.5/1	greenish black
10GY3/1	dark greenish grey
10GY4/1	dark greenish grey
10GY5/1	greenish grey
10GY6/1	greenish grey
10GY7/1	light greenish grey
10GY8/1	light greenish grey
10R2.5/1	reddish black
10R2.5/2	very dusky red
10R3/1	dark reddish grey
10R3/2	dusky red
10R3/3	dusky red
10R3/4	dusky red
10R3/6	dark red
10R4/1	dark reddish grey
10R4/2	weak red
10R4/3	weak red
10R4/4	weak red
10R4/6	red
10R4/8	red
10R5/1	reddish grey
10R5/2	weak red
10R5/3	weak red
10R5/4	weak red
10R5/6	red
10R5/8	red
10R6/1	reddish grey
10R6/2	pale red
10R6/3	pale red
10R6/4	pale red
10R6/6	light red
10R6/8	light red
10R7/1	light grey
10R7/2	pale red
10R7/3	pale red
10R7/4	pale red
10R7/6	light red
10R7/8	light red
10R8/1	white
10R8/2	pinkish white
10R8/3	pink
10R8/4	pink
10Y2.5/1	greenish black
10Y3/1	dark greenish grey
10Y4/1	dark greenish grey
10Y5/1	greenish grey
10Y5/2	greyish green
10Y6/1	greenish grey
10Y7/1	light greenish grey
10Y7/2	pale green
10Y8/1	light greenish grey
10YR2/1	black
10YR2/2	very dark brown
10YR3/1	very dark grey
10YR3/2	very dark greyish brown
10YR3/3	dark brown
10YR3/4	dark yellowish brown
10YR3/6	dark yellowish brown
10YR4/1	dark grey
10YR4/2	dark greyish brown
10YR4/3	brown
10YR4/4	dark yellowish brown
10YR4/6	dark yellowish brown
10YR5/1	grey
10YR5/2	greyish brown
10YR5/3	brown
10YR5/4	yellowish brown
10YR5/6	yellowish brown
10YR5/8	yellowish brown
10YR6/1	grey
10YR6/2	light brownish grey
10YR6/3	pale brown
10YR6/4	light yellowish brown
10YR6/6	brownish yellow
10YR6/8	brownish yellow
10YR7/1	light grey
10YR7/2	light grey
10YR7/3	very pale brown
10YR7/4	very pale brown
10YR7/6	yellow
10YR7/8	yellow
10YR8/1	white
10YR8/2	very pale brown
10YR8/3	very pale brown
10YR8/4	very pale brown
10YR8/6	yellow
10YR8/8	yellow

Munsell Code	Colour
2.5Y2.5/1	black
2.5Y3/1	very dark grey
2.5Y3/2	very dark greyish brown
2.5Y3/3	dark olive brown
2.5Y4/1	dark grey
2.5Y4/2	dark greyish brown
2.5Y4/3	olive brown
2.5Y4/4	olive brown
2.5Y5/1	grey
2.5Y5/2	greyish brown
2.5Y5/3	light olive brown
2.5Y5/4	light olive brown
2.5Y5/6	light olive brown
2.5Y6/1	grey
2.5Y6/2	light brownish grey
2.5Y6/3	light yellowish brown
2.5Y6/4	light yellowish brown
2.5Y6/6	olive yellow
2.5Y6/8	olive yellow
2.5Y7/1	light grey
2.5Y7/2	light grey
2.5Y7/3	pale yellow
2.5Y7/4	pale yellow
2.5Y7/6	yellow
2.5Y7/8	yellow
2.5Y8/1	white
2.5Y8/2	pale yellow
2.5Y8/3	pale yellow
2.5Y8/4	pale yellow
2.5Y8/6	yellow
2.5Y8/8	yellow
2.5YN2/	black
2.5YN3/	very dark grey
2.5YN4/	dark grey
2.5YN5/	grey
2.5YN6/	light grey
2.5YN7/	light grey
2.5YN8/	white
2.5YR2.5/1	reddish black
2.5YR2.5/2	very dusky red
2.5YR2.5/3	dark reddish brown
2.5YR2.5/4	dark reddish brown
2.5YR3/1	dark reddish grey
2.5YR3/2	dusky red
2.5YR3/3	dark reddish brown
2.5YR3/4	dark reddish brown
2.5YR3/6	dark red
2.5YR4/1	dark reddish grey
2.5YR4/2	weak red
2.5YR4/3	reddish brown
2.5YR4/4	reddish brown
2.5YR4/6	red
2.5YR4/8	red
2.5YR5/1	reddish grey
2.5YR5/2	weak red
2.5YR5/3	reddish brown
2.5YR5/4	reddish brown
2.5YR5/6	red
2.5YR5/8	red
2.5YR6/1	reddish grey
2.5YR6/2	pale red
2.5YR6/3	light reddish brown
2.5YR6/4	light reddish brown
2.5YR6/6	light red
2.5YR6/8	light red
2.5YR7/1	light reddish grey
2.5YR7/2	pale red
2.5YR7/3	light reddish brown
2.5YR7/4	light reddish brown
2.5YR7/6	light red
2.5YR7/8	light red
2.5YR8/1	white
2.5YR8/2	pinkish white
2.5YR8/3	pink
2.5YR8/4	pink
2.5YRN2.5/	black
2.5YRN3/	very dark grey
2.5YRN4/	dark grey
2.5YRN5/	grey
2.5YRN6/	grey

Munsell Code	Colour
5B2.5/1	bluish black
5B3/1	dark bluish grey
5B4/1	dark bluish grey
5B5/1	bluish grey
5B6/1	bluish grey
5B7/1	light bluish grey
5B8/1	light bluish grey
5BG2.5/1	greenish black
5BG3/1	dark greenish grey
5BG4/1	dark greenish grey
5BG5/1	greenish grey
5BG6/1	greenish grey
5BG7/1	light greenish grey
5BG8/1	light greenish grey
5G2.5/1	greenish black
5G2.5/2	dark greyish green
5G3/1	dark greenish grey
5G3/2	dark greyish green
5G4/1	dark greenish grey
5G4/2	greyish green
5G5/1	greenish grey
5G5/2	greyish green
5G6/1	greenish grey
5G6/2	pale green
5G7/1	light greenish grey
5G7/2	pale green
5G8/1	light greenish grey
5G8/2	pale green
5GY2.5/1	greenish black
5GY3/1	dark greenish grey
5GY4/1	dark greenish grey
5GY5/1	greenish grey
5GY6/1	greenish grey
5GY7/1	light greenish grey
5GY8/1	light greenish grey
5PB2.5/1	bluish black
5PB3/1	dark bluish grey
5PB4/1	dark bluish grey
5PB5/1	bluish grey
5PB6/1	bluish grey
5PB7/1	light bluish grey
5PB8/1	light bluish grey
5Y2.5/1	black
5Y2.5/2	black
5Y3/1	very dark grey
5Y3/2	dark olive grey
5Y4/1	dark grey
5Y4/2	olive grey
5Y4/3	olive grey
5Y4/4	olive grey
5Y5/1	grey
5Y5/2	olive grey
5Y5/3	olive
5Y5/4	olive
5Y5/6	olive
5Y6/1	light grey
5Y6/2	light olive grey
5Y6/3	pale olive
5Y6/4	pale olive
5Y6/6	olive yellow
5Y6/8	olive yellow
5Y7/1	light grey
5Y7/2	light grey
5Y7/3	pale yellow
5Y7/4	pale yellow
5Y7/6	yellow
5Y7/8	yellow
5Y8/1	white
5Y8/2	pale yellow
5Y8/3	pale yellow
5Y8/4	pale yellow
5Y8/6	yellow
5Y8/8	yellow
5YR2.5/1	black
5YR2.5/2	dark reddish brown
5YR3/1	very dark grey
5YR3/2	dark reddish brown
5YR3/3	dark reddish brown
5YR3/4	reddish brown
5YR4/1	dark grey
5YR4/2	dark reddish grey
5YR4/3	reddish brown
5YR4/4	reddish brown
5YR4/6	yellowish red
5YR5/1	grey
5YR5/2	reddish grey
5YR5/3	reddish brown
5YR5/4	reddish brown
5YR5/6	yellowish red
5YR5/8	yellowish red
5YR6/1	light grey
5YR6/2	pinkish grey
5YR6/3	light reddish brown
5YR6/4	light reddish brown
5YR6/6	reddish yellow
5YR6/8	reddish yellow
5YR7/1	light grey
5YR7/2	pinkish grey
5YR7/3	pink
5YR7/4	pink
5YR7/6	reddish yellow
5YR7/8	reddish yellow
5YR8/1	white
5YR8/2	pinkish white
5YR8/3	pink
5YR8/4	pink

Munsell Code	Colour
7.5YR2.5/1	black
7.5YR2.5/2	very dark brown
7.5YR2.5/3	very dark brown
7.5YR2/1	black
7.5YR3/1	very dark grey
7.5YR3/2	dark brown
7.5YR3/3	dark brown
7.5YR3/4	dark brown
7.5YR4/1	dark grey
7.5YR4/2	dark brown
7.5YR4/3	dark brown
7.5YR4/4	dark brown
7.5YR4/6	strong brown
7.5YR5/1	grey
7.5YR5/2	brown
7.5YR5/3	brown
7.5YR5/4	brown
7.5YR5/6	strong brown
7.5YR5/8	strong brown
7.5YR6/1	grey
7.5YR6/2	pinkish grey
7.5YR6/3	light brown
7.5YR6/4	light brown
7.5YR6/6	reddish yellow
7.5YR6/8	reddish yellow
7.5YR7/1	light grey
7.5YR7/2	pinkish grey
7.5YR7/3	pink
7.5YR7/4	pink
7.5YR7/6	reddish yellow
7.5YR7/8	reddish yellow
7.5YR8/1	white
7.5YR8/2	pinkish white
7.5YR8/3	pink
7.5YR8/4	pink
7.5YR8/6	reddish yellow
7.5YR2/	black
7.5YR3/	very dark grey
7.5YR4/	dark grey
7.5YR5/	grey
7.5YR6/	grey
7.5YR7/	light grey
7.5YR8/	white
N2.5/	black
N3/	very dark grey
N4/	dark grey
N5/	grey
N6/	grey
N7/	light grey
N8/	white