Bonneagar Iompair Éireann
Transport Infrastructure Ireland

TII Publications

GE PE DN CC OP AM RE

Earthworks Specification for National Roads

CC-SPW-00600

September 2024

CC Construction & Commissioning

Standards

Table 6/1 - Compliant Earthworks Materials: Classification and Compaction Requirements (See footnotes)

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
General Granular Fill	1	A	-	Well graded granular material	General Fill	Sand, gravel, crushed rock or crushed concrete with clay, silt or any combination thereof excluding peat, topsoil and other organic material	i. Grading	Sourced on Site - I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 2	1	A	-
							ii. Uniformity coefficient	See Note 5	10	-				
							iii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
	1	B	-	Uniformly graded granular material	General Fill	Sand, gravel, crushed rock or crushed concrete with clay, silt or any combination thereof excluding peat, topsoil and other organic material	iv. Grading	Sourced on Site - I.S. EN ISO 17892- 4	Tab 6/2	Tab 6/2	Tab 6/4 Method 3	1	B	-
							v. Uniformity coefficient	See Note 5	-	10				
							vi. Water content	I.S. EN ISO 17892- 1	App 6/1	App 6/1				
	1	C	-	Coarse granular material	General Fill	Sand, gravel, crushed rock or crushed concrete with clay, silt or any combination thereof excluding peat, topsoil and other organic material	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 5	1	C	-
							ii. Uniformity coefficient	See Note 5	5	-				
							iii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iv. Los Angeles coefficient	Section 35	-	60				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
General Cohesive Fill	2	A	-	Wet cohesive material	General Fill	Clay or silt with sand, gravel, crushed rock, crushed concrete, or any combination thereof, excluding peat, topsoil and other organic material	i. Grading	I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 1 except; for materials with liquid limit greater than 50, determined by I.S. EN ISO 17892- 12, only tamping or grid rollers shall be used.	2	A	-
							ii. Plastic limit (PL)	I.S. EN ISO 17892-12	-	-				
							iii. Water content	I.S. EN ISO 17892- 1	PL -3%	App 6/1				
							iv. MCV	Section 32	App 6/1	App 6/1				
							v. Undrained shear strength of remoulded material	Section 33	App 6/1	App 6/1				
							vi. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	App 6/1				
	2	B	-	Dry cohesive material	General Fill	Clay or silt with sand, gravel, crushed rock, crushed concrete, or any combination thereof, excluding peat, topsoil and other organic material	i. Grading	I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 2	2	B	-
							ii. Plastic limit (PL)	I.S. EN ISO 17892-12	-	-				
							iii. Water content	I.S. EN ISO 17892-1	App 6/1	PL -3%				
							iv. MCV	Section 32	App 6/1	App 6/1				
							v. Undrained shear strength of remoulded material	Section 33	App 6/1	App 6/1				
							vi. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	App 6/1				
	2	C	1	Stony cohesive material (high fines content)	General Fill	Clay or silt with sand, gravel, crushed rock, crushed concrete, or any combination thereof, excluding peat, topsoil and other organic material.	i. Grading	I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 2	2	C	1
							ii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iii. MCV	Section 32	App 6/1	App 6/1				
							iv. Undrained shear strength of remoulded material	Section 33	App 6/1	-				
							v. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	App 6/1				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
General Cohesive Fill	2	C	2	Stony cohesive material (low fines content)	General Fill	Clay or silt with sand, gravel, crushed rock, crushed concrete, or any combination thereof, excluding peat, topsoil and other organic material	i. Grading	I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 2	2	C	2
							ii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iii. MCV	Section 32	App 6/1	App 6/1				
							iv. Undrained shear strength of remoulded material	Section 33	App 6/1	-				
							v. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	App 6/1				
	2	D	-	Silty cohesive material	General Fill	Clay or silt with sand, gravel, crushed rock, crushed concrete, or any combination thereof, excluding peat, topsoil and other organic material	i. Grading	I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 3 (except that vibration techniques shall not be permitted)	2	D	-
							ii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iii. MCV	Section 32	App 6/1	App 6/1				
							iv. Undrained shear strength of remoulded material	Section 33	App 6/1	App 6/1				
							v. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	App 6/1				
Landscape Fill	4	-	-	Various	Fill to landscape areas	See App 6/1	i. Grading	I.S. EN ISO 17892-4	App 6/1	App 6/1	See Section 20 and App 6/1	4	-	-
							ii. Water content	I.S. EN ISO 17892-1	-	App 6/1				
							iii. MCV	Section 32	App 6/1	App 6/1				
Topsoil	5	A	-	Topsoil, or turf, existing on Site	Topsoiling	Topsoil or turf designated as Class 5A in the Contract	i. Grading	Section 18	-	Section 18	-	5	A	-
							ii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
	5	B	-	Imported topsoil	Topsoiling	Material complying with BS 3882	-	-	-	-	-	5	B	-
	5	C	-	Imported turf	Turfing	Material complying with BS 3969	-	-	-	-	-	5	C	-

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	A		Selected well graded granular material	Placement in water	Natural gravel, crushed gravel, crushed rock or gravel, crushed concrete or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 17892- 4	Tab 6/2	Tab 6/2	No compaction	6	A	
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Uniformity	See Note 5	10	-				
							iii. Plasticity index	I.S. EN ISO 17892-12	Non-plastic					
							iv. Los Angeles Coefficient	Section 35	-	50				
							v. Slake durability	Section 34	95%	-				
	6	B	-	Selected coarse granular material	Starter layer or placement in water	Natural gravel, crushed rock, crushed concrete or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 5	6	B	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Plasticity index	I.S. EN ISO 17892-12	Non-plastic					
							iii. Los Angeles coefficient	Section 35	-	50				
	6	C	-	Selected uniformly graded granular material	Starter layer	Natural gravel, crushed gravel, crushed rock or gravel, crushed concrete, or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site - I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 2	6	C	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Uniformity coefficient	See Note 5	10	-				
							iii. Plasticity index	I.S. EN ISO 17892-12	Non-plastic					
							iv. Los Angeles Coefficient.	Section 35	-	50				
							v. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							vi. Slake durability	Section 34	95%	-				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	D	-	Selected granular material	For treatment with hydraulic binder to form capping (Class 9A)	Natural gravel, crushed gravel, crushed rock, crushed concrete, or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site - I.S. EN 17892- 4	Tab 6/2	Tab 6/2	Not applicable	6	D	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Water content	I.S. EN 17892-1	App 6/1	App 6/1				
							iii. Organic content	BS 1377-3	-	App 6/1				
							iv. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	App 6/1				
							v. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	App 6/1				
							vi. Acid soluble sulfates	I.S. EN 1744-1 clause 12	-	App 6/1				
							vii. Oxidisable sulfides	Section 1.8	-	App 6/1				
	6	E	-	Selected granular material	For treatment with lime and hydraulic binder to form capping (Class 9B)	Natural gravel, crushed gravel, crushed rock, crushed concrete, or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site - I.S. EN 17892-4	Tab 6/2	Tab 6/2	Not applicable	6	E	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Water content	I.S. EN 17892- 1	App 6/1	App 6/1				
							iii. Organic content	BS 1377-3	-	App 6/1				
							iv. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	App 6/1				
							v. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	App 6/1				
							vi. Acid soluble sulfates	I.S. EN 1744-1 clause 12	-	App 6/1				
							vii. Oxidisable sulfides	Section 1.8	-	App 6/1				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	F	1	Selected granular material	Capping	Natural gravel or sand or a combination of both	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 6	6	F	1
								Imported – I.S. EN 933-1	Tab 6/5 - (0/31.5 or 0/80, GE, UF 9 and OC 75)					
							ii. Optimum water content	BS 1377-2 (vibrating hammer method)	-	-				
							iii. Water content	I.S. EN ISO 17892-1	-	Optimum water content				
							iv. Los Angeles coefficient	Section 35	-	50				
							v. Slake durability	Section 34	95%	-				
							vi. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	1%				
							vii. Permeability	Section 40	App 6/1					
	6	F	2	Selected granular material	Capping	Crushed rock or crushed gravel or a combination of both, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 6	6	F	2
								Imported – I.S. EN 933-1	Tab 6/5 (0/31.5 or 0/80, GE, UF 9 and OC 75)					
							ii. Optimum water content	BS 1377-2 (vibrating hammer method)	-	-				
							iii. Water content	I.S. EN ISO 17892-1	-	Optimum water content				
							iv. Los Angeles coefficient	Section 35	-	50				
							v. Slake durability	Section 34	95%	-				
							vi. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	1%				
							vii. Permeability	Section 40	App 6/1	-				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	F	3	Selected granular material	Capping	Recycled aggregates (including crushed concrete and/or bituminous materials), natural (uncrushed) gravel, sand, crushed rock, crushed gravel or a combination thereof, excluding argillaceous and/or micaceous rock (see Note 7) Bituminous materials shall make up less than 50% of the total and shall exclude materials that contain tar and tar-bitumen binders.	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 6	6	F	3
								Imported – I.S. EN 933-1	Tab 6/5 (0/31.5 or 0/80, GE, UF 9 and OC 75)					
							ii. Optimum water content	BS 1377-2 (vibrating hammer method)	-	-				
							iii. Water content	I.S. EN ISO 17892-1	Optimum water content minus 2%	Optimum water content				
							iv. Los Angeles coefficient	Section 35	-	50				
							v. Slake durability	Section 34	95%	-				
							vi. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	1%				
							vii. Permeability	Section 40	App 6/1	-				
							viii. Bituminous materials (Ra) content	I.S. EN 933-11	-	50%				
							ix. Soluble binder content	I.S. EN 12697-1 or I.S. EN 12697-39	-	2%				
							x. Organic content	BS 1377-3	-	1%				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	F	4	Selected granular material	Capping	Recycled aggregates (including crushed concrete and/or bituminous materials), natural (uncrushed) gravel, sand, crushed rock, crushed gravel or a combination thereof, excluding argillaceous and/or micaceous rock (see Note 7) Bituminous materials shall make up more than 50% of the total and shall exclude materials that contain tar and tar-bitumen binders.	i. Grading	Sourced on Site – I.S. EN 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 6 Maximum compacted layer thickness shall be 200 mm	6	F	4
								Imported – I.S. EN 933-1	Tab 6/5 (0/31.5 or 0/80, GE, UF 9 and OC 75)					
							ii. Optimum water content	Section 13	-	-				
							iii. Water content	Section 13	Optimum water content minus 2%	Optimum water content				
							iv. Los Angeles coefficient	Section 35	-	50				
							v. Slake durability	Section 34	95%	-				
							vi. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	1%				
							vii. Permeability	Section 40	App 6/1	-				
							viii. Bituminous materials (Ra) content	I.S. EN 933-11	50%	-				
							ix. Soluble binder content	I.S. EN 12697-1 or I.S. EN 12697-39	-	10%				
							x. Organic content	BS 1377-3	-	1%				
	6	G	-	Selected granular material	Gabion filling	Natural gravel, crushed rock, crushed concrete or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	I.S. EN 933-1	Section 26	Section 26	None	6	G	-
							ii. Los Angeles coefficient	Section 35	-	50				
							iii. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
							iv. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							v. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	Tab 6/3				
							vi. Oxidisable sulfides	Section 1.8	-	Tab 6/3				
							vii. Resistivity	Section 37	Tab 6/3	-				
							viii. Organic content	BS 1377-3	-	Tab 6/3				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	H	-	Selected granular material	Drainage layer to reinforced soil structures	Natural gravel, natural sand, crushed gravel, crushed rock 7 or gravel, crushed concrete or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7) Properties (v), (vi), (vii), (viii), (ix) and (x) in next column only apply to material placed above or within 500 mm of metallic reinforcing elements, facing units or fastenings.	i. Grading	Sourced on Site - I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 3	6	H	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Plasticity index	I.S. EN ISO 17892-12	Non-plastic					
							iii. Los Angeles coefficient	Section 35	-	50				
							iv. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							v. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
							vi. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							vii. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	Tab 6/3				
							viii. Oxidisable sulfides	Section 1.8	-	Tab 6/3				
							ix. Resistivity	Section 37	Tab 6/3	-				
							x. Organic content	BS 1377-3	-	Tab 6/3				
							xi. Slake durability	Section 34	95%	-				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	I	-	Selected well graded granular material	Fill to reinforced soil structures	Natural gravel, natural sand, crushed gravel, crushed rock, or gravel, crushed concrete, or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7) Properties (vi), (vii), (viii), (ix), (x) and (xi) only apply to material placed above or within 500 mm of metallic reinforcing elements, facing units or fastenings.	i. Grading	Sourced on Site - I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 2	6	I	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Uniformity coefficient	See Note 5	10	-				
							iii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iv. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	-				
							v. Effective angle of shearing resistance and adhesion (fill/elements)	Section 39	App 6/1	-				
							vi. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
							vii. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							viii. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	Tab 6/3				
							ix. Oxisiable sulfides	Section 1.8	-	Tab 6/3				
							x. Resistivity	Section 37	Tab 6/3	-				
							xi. Organic content	BS 1377-3	-	Tab 6/3				
							xii. Los Angeles coefficient	Section 35	-	50				
							xiii. Slake durability	Section 34	95%	-				
							xiv. Permeability	Section 40	App 6/1	-				

Class				**General Material Description**	**Typical Use**	**Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)**	**Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)**				**Compaction Requirements in Section 12**	**Class**		
							Property (See Exceptions in Previous Column)	**Defined and Tested in Accordance with:**	**Compliance Limits Within:**					
									Lower	**Upper**				
Selected Granular Fill	6	J	-	Selected uniformly graded granular material	Fill to reinforced soil structures	Natural gravel, natural sand, crushed gravel, crushed rock, or gravel, crushed concrete, or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7) Properties (vi), (vii), (viii), (ix), (x) and (xi) in next column only apply to material placed above or within 500 mm of metallic reinforcing elements, facing units or fastenings.	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Tab 6/4 Method 3	6	J	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Uniformity coefficient	See Note 5	5	10				
							iii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iv. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	-				
							v. Effective angle of shearing resistance and adhesion (fill/elements)	Section 39	App 6/1	-				
							vi. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
							vii. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							viii. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	Tab 6/3				
							ix. Oxidisable sulfides	Section 1.8	-	Tab 6/3				
							x. Resistivity	Section 37	Tab 6/3	-				
							xi. Organic content	BS 1377-3	-	Tab 6/3				
							xii. Los Angeles coefficient	Section 35	-	50				
							xiii. Slake durability	Section 34	95%	-				
							xiv. Permeability	Section 40	App 6/1	-				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	K	-	Selected granular material	Lower bedding for corrugated steel buried structures	Natural gravel, natural sand, crushed gravel, crushed rock or gravel or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	End product 90% of maximum dry density of BS 1377-2 (vibrating hammer method)	6	K	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Uniformity coefficient	See Note 5	5	-				
							iii. Plasticity index	I.S. EN ISO 17892-12	-	6				
							iv. Optimum water content	BS 1377-2 (vibrating hammer method)	-	-				
							v. Water content	I.S. EN ISO 17892-1	Optimum water content minus 2%	Optimum water content plus 1%				
							vi. Resistivity	Section 37	2000 ohm cm	-				
							vii. Water-soluble sulfates	I.S. EN 1744-1 clause10	-	Tab 6/3				
							viii. Oxidisable sulfides	Section 1.8	-	Tab 6/3				
							ix. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							x. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
							xi. Los Angeles coefficient	Section 35	-	50				
							xii. Slake durability	Section 34	95%	-				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	L	-	Selected uniformly graded granular material	Upper bedding for corrugated steel buried structures	Natural gravel, natural sand, crushed gravel, crushed rock or gravel or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2 (BS 882 Tab 5)	Tab 6/2	None	6	L	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Resistivity	Section 37	2000 ohm cm	-				
							iii. Plasticity index	I.S. EN ISO 17892-12	-	6				
							iv. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	Tab 6/3				
							v. Oxidisable sulfides	Section 1.8	-	Tab 6/3				
							vi. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							vii. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
							viii. Los Angeles coefficient	Section 35	-	50				
							ix. Slake durability	Section 34	95%	-				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	M	-	Selected Granular material	Surround to corrugated steel buried structures	Natural gravel, natural sand, crushed gravel, crushed rock, or gravel, crushed concrete or any combination thereof, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	End product 90% of maximum dry density of BS 1377-2 (vibrating hammer method)	6	M	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Uniformity coefficient	See Note 5	5	-				
							iii. Plasticity index	I.S. EN ISO 17892-12	-	6				
							iv. Optimum water content	BS 1377-2 (Vibrating hammer method)	-	-				
							v. Water content	I.S. EN ISO 17892-1		Optimum water content plus 1%				
							vi. Resistivity	Section 37	2000 ohm cm	-				
							vii. Water-soluble sulfates	I.S. EN 1744-1 clause10	-	Tab 6/3				
							viii. Oxidisable sulfides	Section 1.8	-	Tab 6/3				
							ix. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							xi. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
							xii. Los Angeles coefficient	Section 35	-	50				
							xiii. Slake durability	Section 34	95%	-				
							xiv. Constrained soil modulus (M*)	Section 42	App 6/1	App 6/1				

Class				**General Material Description**	**Typical Use**	**Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)**	**Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)**				**Compaction Requirements in Section 12**	**Class**		
							Property (See Exceptions in Previous Column)	**Defined and Tested in Accordance with:**	**Compliance Limits Within:**					
									Lower	**Upper**				
Selected Granular Fill	6	N	-	Selected granular material	Fill to structures and below structures	Crushed rock and crushed concrete, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 178924	Tab 6/2	Tab 6/2	End product 95% of maximum dry density of BS 1377-2 (vibrating hammer method)	6	N	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Los Angeles coefficient	Section 35	-	50				
							iii. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	App 6/1 (see Note 10)				
							iv. Permeability	Section 40	App 6/1	-				
							v. Water content	I.S. EN 17892-1	App 6/1	App 6/1				
							vi. pH value	I.S. EN 1744-1	6	9				
							vii. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	0.3%				
							viii. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	0.1%				
							ix. Acid soluble sulfates	I.S. EN 1744-1 clause 12	-	0.2%				
							x. Oxidisable sulfides	Section 1.8	-	0.3%				
							xi. Slope stability test (where required in App 6/6)	Section 10	App 6/6					
							xii. Slake durability	Section 34	95%	-				
							xiii. Magnesium sulfate soundness	Section 35	App 6/1	App 6/1				
							xiv. Water absorption	I.S. EN 1097-6	App 6/1	App 6/1				

Class				**General Material Description**	**Typical Use**	**Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)**	**Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)**				**Compaction Requirements in Section 12**	**Class**		
							Property (See Exceptions in Previous Column)	**Defined and Tested in Accordance with:**	**Compliance Limits Within:**					
									Lower	**Upper**				
Selected Granular Fill	6	P	-	Selected granular material	Fill to structures	Natural gravel, crushed gravel or combination of both, excluding argillaceous and/or micaceous rock (see Note 7)	i. Grading	Sourced on Site – I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	End product 95% of maximum dry density of BS 1377-2 (vibrating hammer method)	6	P	-
								Imported – I.S. EN 933-1	Tab 6/5	Tab 6/5				
							ii. Los Angeles coefficient	Section 35	-	60				
							iii. Effective angle of shearing resistance (ϕ') and effective cohesion (c')	Section 36	App 6/1	-				
							iv. Permeability	Section 40	App 6/1	-				
							v. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							vi. pH value	I.S. EN 1744-1	6	9				
							vii. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	0.3%				
							viii. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	0.1%				
							ix. Acid soluble sulfates	I.S. EN 1744-1 clause 12	-	0.2%				
							x. Oxidisable sulfides	Section 1.8	-	0.3%				
							xi. Slope stability test (where required in App 6/6)	Section 10	App 6/6					
							xii. Slake durability	Section 34	95%					

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Granular Fill	6	Q	-	Well graded uniformly graded or coarse granular material	Overlying fill for corrugated steel buried structures	As Class 1A, 1B or 1C granular fill materials, or gravel, or any combination thereof	As for Class 1A, 1B or 1C with the addition of the following:				As for Class 1A, 1B or 1C, corresponding to the grading	6	Q	-
							i. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	Tab 6/3				
							ii. Oxidisable sulfides	Section 1.8	-	Tab 6/3				
							iii. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							iv. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
Selected Cohesive Fill	7	C	-	Selected silty cohesive material	For treatment with hydraulic binder to form capping (Class 9C)	Clay or silt with sand, gravel, crushed rock, crushed concrete or any combination thereof, excluding peat, topsoil and other organic material	i. Grading	I.S. EN ISO 17892-4	Tab 6/2	Tab 6/2	Not applicable	7	C	-
							ii. Uniformity coefficient	I.S. EN ISO 17892-4	5	-				
							iii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iv. MCV	Section 32	App 6/1	App 6/1				
							v. Liquid limit	I.S. EN ISO 17892- 12	-	45				
							vi. Plasticity index	I.S. EN ISO 17892- 12	-	20				
							vii. Organic content	BS 1377- 3	-	App 6/1				
							viii. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	App 6/1				
							ix. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	App 6/1				
							x. Acid soluble sulfates	I.S. EN 1744-1 clause 12	-	App 6/1				
							xi. Oxidisable sulfides	Section 1.8	-	App 6/1				
	7	D	-	Selected cohesive material	For treatment with lime to form capping (Class 9D)	Clay or silt with sand, gravel, crushed rock, crushed concrete or any combination thereof, excluding peat, topsoil and other organic material	i. Grading	I.S. EN ISO 17892-4	Table 6/2	Table 6/2	Not applicable	7	D	-
							ii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iii. MCV	Section 32	App 6/1	App 6/1				
							iv. Plasticity index	I.S. EN ISO 17892-12	10	App 6/1				
							v. Organic content	BS 1377- 3	-	App 6/1				
							vi. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	App 6/1				
							vii. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	App 6/1				
							viii. Acid soluble sulfates	I.S. EN 1744-1 clause 12	-	App 6/1				
							ix. Oxidisable sulfides	Section 1.8	-	App 6/1				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Selected Cohesive Fill	7	E	-	Selected cohesive material	For treatment with lime and a hydraulic binder to form capping (Class 9E)	Clay or silt with sand, gravel, crushed rock, crushed concrete or any combination thereof, excluding peat, topsoil and other organic material	i. Grading	I.S. EN ISO 17892-4	Table 6/2	Table 6/2	Not applicable	7	E	-
							ii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iii. MCV	Section 32	App 6/1	App 6/1				
							iv. Plasticity index	I.S. EN ISO 17892-12	10	App 6/1				
							v. Organic content	BS 1377- 3	-	App 6/1				
							vi. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	App 6/1				
							vii. Total sulfur content	I.S. EN 1744-1 clause 11.2	-	App 6/1				
							viii. Acid soluble sulfates	I.S. EN 1744-1 clause 12	-	App 6/1				
							ix. Oxidisable sulfides	Section 1.8	-	App 6/1				
	7	H	-	Wet, dry, stony or silty cohesive material	Overlying fill for corrugated steel buried structures	As Class 2A, 2B, 2C, 2D general cohesive fill material	As for Class 2A, 2B, 2C, 2D with the addition of the following				As for Class 2A, 2B, 2C or 2D, corresponding to the grading	7	H	-
							i. Water-soluble sulfates	I.S. EN 1744-1 clause 10	-	Tab 6/3				
							ii. Chloride ion content	I.S. EN 1744-1 clause 7, 8 or 9	-	Tab 6/3				
							iii. pH value	I.S. EN 1744-1	Tab 6/3	Tab 6/3				
Misc Fill	8	-	-	Class 1 or Class 2 material	Lower trench fill	Any, except there shall not be any stones or lumps of clay >40 mm nominal diameter	i. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1	Tab 6/4	8	-	-
							ii. MCV	Section 32	App 6/1	App 6/1				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Treated Materials	9	A	-	Well graded granular material treated with hydraulic binder	Capping	Class 6D with addition of hydraulic binder according to Section 14	i. Pulverisation	BS EN 13286-48	60%	-	Tab 6/4 Method 6	9	A	-
							ii. Characteristics for execution	I.S. EN 16907-4	App 6/1	App 6/1				
							iii. Workability period	BS EN 13286-45	App 6/1	App 6/1				
							iv. Resistance to frost	S.R. CEN/TS 13286-54	App 6/1	App 6/1				
							v. Laboratory mechanical performance	I.S. EN 16907-4	App 6/1	App 6/1				
							vi. Water content	BS EN 13286-2, BS EN 13286-3, BS EN 13286-4 and BS EN 13286-5	App 6/1	App 6/1				
							vii. Resistance to water	I.S. EN 16907-4	App 6/1	App 6/1				
	9	B	-	Well graded granular material treated with lime and hydraulic binder	Capping	Class 6E with addition of lime and hydraulic binder according to Section 14	i. Pulverisation	BS EN 13286-48	60%	-	Tab 6/4 Method 6	9	B	-
							ii. Characteristics for execution	I.S. EN 16907-4	App 6/1	App 6/1				
							iii. Workability period	BS EN 13286-45	App 6/1	App 6/1				
							iv. Resistance to frost	S.R. CEN/TS 13286-54	App 6/1	App 6/1				
							v. Laboratory mechanical performance	I.S. EN 16907-4	App 6/1	App 6/1				
							vi. Water content	BS EN 13286-2, BS EN 13286-3, BS EN 13286-4 and BS EN 13286-5	App 6/1	App 6/1				
							vii. Resistance to water	I.S. EN 16907-4	App 6/1	App 6/1				
	9	C	-	Silty cohesive material treated with hydraulic binder	Capping	Class 7C with addition of hydraulic binder according to Section 14	i. Pulverisation	BS EN 13286-48	App 6/1	-	Table 6/4 Method 7	9	B	-
							ii. Characteristics for execution	I.S. EN 16907-4	App 6/1	App 6/1				
							iii. Workability period	EN 13286-45	App 6/1	App 6/1				
							iv. Resistance to frost	S.R. CEN/TS 13286-54	App 6/1	App 6/1				
							v. Laboratory mechanical performance	I.S. EN 16907-4	App 6/1	App 6/1				
							vi. Water content	BS EN 13286-2, BS EN 13286-3, EN 13286-4 and BS EN 13286-5	App 6/1	App 6/1				
							vii. Resistance to water	I.S. EN 16907-4	App 6/1	App 6/1				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Treated Materials	9	D	-	Cohesive material treated with lime	Capping	Class 7D with addition of lime according to Section 14	i. Pulverisation	BS EN 13286-48	30%	-	Tab 6/4 Method 7	9	D	-
							ii. Characteristics for execution	I.S. EN 16907-4	App 6/1	App 6/1				
							iii. Workability period	EN 13286-45	App 6/1	App 6/1				
							iv. Resistance to frost	S.R. CEN/TS 13286-54	App 6/1	App 6/1				
							v. Laboratory mechanical performance	I.S. EN 16907-4	App 6/1	App 6/1				
							vi. Water content	BS EN 13286-2, BS EN 13286-3, BS EN 13286-4 and BS EN 13286-5	App 6/1	App 6/1				
							vii. Resistance to water	I.S. EN 16907-4	App 6/1	App 6/1				
	9	E	-	Cohesive material treated with lime and hydraulic binder	Capping	Class 7E with addition of lime and hydraulic binder according to Section 14	i. Pulverisation	BS EN 13286-48	30%	-	Tab 6/4 Method 7	9	E	-
							ii. Characteristics for execution	I.S. EN 16907-4	App 6/1	App 6/1				
							iii. Workability period	EN 13286-45	App 6/1	App 6/1				
							iv. Resistance to frost	S.R. CEN/TS 13286-54	App 6/1	App 6/1				
							v. Laboratory mechanical performance	I.S. EN 16907-4	App 6/1	App 6/1				
							vi. Water content	BS EN 13286-2, BS EN 13286-3, BS EN 13286-4 and BS EN 13286-5	App 6/1	App 6/1				
							vii. Resistance to water	I.S. EN 16907-4	App 6/1	App 6/1				

Class				General Material Description	Typical Use	Permitted Constituents (All Subject to Requirements of Section 1 and Appendix 6/1)	Material Properties Required for Compliance (In Addition to Requirements on Use of Fill Materials in Section 1 and Testing in Section 31)				Compaction Requirements in Section 12	Class		
							Property (See Exceptions in Previous Column)	Defined and Tested in Accordance with:	Compliance Limits Within:					
									Lower	Upper				
Organic Fill	10	-	-	Peat	Peatland regeneration	Semi-decomposed plant biomass	i. Grading	I.S. EN ISO 17892-4	App 6/1	App 6/1	-	10	-	-
							ii. Water content	I.S. EN ISO 17892-1	App 6/1	App 6/1				
							iii. Organic content	I.S. EN 13039	App 6/1	App 6/1				
							iv. Dry bulk density	I.S. EN 13041	App 6/1	App 6/1				

Footnotes to Table 6/1

1. App = Appendix
2. Tab = Table
3. Where in the 'Compliance Limits Within' column reference is made to App 6/1, only those properties having limits ascribed to them in Appendix 6/1 shall apply. Where Appendix 6/1 gives limits for other properties not listed in this Table such limits shall also apply.
4. Where I.S. EN ISO 17892-1 is specified for water content, this shall mean I.S. EN ISO 17892-1 (for Site-won materials) or I.S. EN 1097-5 (for imported materials), as appropriate.
5. Uniformity coefficient is defined as the ratio of the particle diameters D_{60} to D_{10} on the particle-size distribution curve, where:

   D_{60} = particle diameter at which 60% of the soil by weight is finer

   D_{10} = particle diameter at which 10% of the soil by weight is finer
6. Determination of water content shall be made from that part of the material passing the 20 mm BS Sieve.
7. Argillaceous or micaceous rock may be used in the Permanent Works if it is demonstrated by Los Angeles coefficient and slake durability testing that the argillaceous or micaceous material meets the compliance limits for durability.
8. Where materials are required to be aggregates conforming to I.S. EN 13242, materials certificated as being in accordance with I.S. EN 13285 are compliant for use if they meet all the Contract requirements and the Declaration of Performance for constituent parts to I.S. EN 13242 are provided to the Employer's Representative.
9. Materials shall comply with the current environmental regulations at the time of use.
10. An upper limit is required for the angle of shearing resistance (ϕ') for Class 6N Fill when it is used behind integral bridge abutments or when otherwise required.
11. For Class 6N and 6P fill, the total sulfur content may be between 0.1% and 1% if a petrographic analysis, as described in S.R. 21 Annex E.2.4.5, shows that the material is suitable for the proposed use.

Table 6/2 - Grading Requirements for Compliant Earthworks Materials

Percentage by Mass Passing the Size Shown																					
Class	**Size (mm)**		**Size (mm) BS Series**													**Size (microns) BS Series**				**Size (microns)**	**Class**
	500	**300**	**125**	**100**	**75**	**37.5**	**28**	**20**	**14**	**10**	**6.3**	**5**	**3.35**	**2**	**1.18**	**600**	**300**	**150**	**63**	**2**	
1A			100																0-15		**1A**
1B			100																0-15		**1B**
1C	100		10-95													0-25			0-15		**1C**
2A & 2B			100											80-100					15-100		**2A & 2B**
2C1			100											35-80					35-80		**2C1**
2C2			100											15-80					15-35		**2C2**
2D			100																80-100	0-20	**2D**
6A	100			60-90				0-70						0-20					0-5		**6A**
6B	100		0-10																		**6B**
6C			100							15-85						0-30			0-10		**6C**
6D & 6E			100	85-100						25-100						10-100				0-15	**6D & 6E**
6F1, 6F2, 6F3 & 6F4				100	65-100	45-100				15-80		10-70				0-30			0-10		**6F1, 6F2,6F3 & 6F4**
6H								100				60-100			15-45	0-25		0-5			**6H**
6I & 6J			100		85-100					15-85						0-30			0-10		**6I & 6J**
6K								100											0-10		**6K**
6L										100		89-100		60-100	30-100	15-100	5-70	0-15 except 0-20 for crushed rock			**6L**
6M					100														0-10		**6M**
6N				100	65-100	45-100				15-75		10-60				0-30			0-15		**6N**

Percentage by Mass Passing the Size Shown																					
Class	**Size (mm)**		**Size (mm) BS Series**													**Size (microns) BS Series**				**Size (microns)**	**Class**
	500	**300**	**125**	**100**	**75**	**37.5**	**28**	**20**	**14**	**10**	**6.3**	**5**	**3.35**	**2**	**1.18**	**600**	**300**	**150**	**63**	**2**	
6P			100		65-100	45-100				15-75		10-60				0-30			0-15		6P
7C			100																15-100		7C
7D					100		95-100												15-100		7D
7E					100		95-100												15-100		7E

Footnote to Table 6/2

1. For the purposes of classifying materials, the gradings specified in this table, with the exception of 1C, 6A and 6B materials, apply to the portion of the material passing the 125 mm BS Sieve.