

	fissures and lenses/interbeds of sand and gravel where present.				
Fine Till (Bouldery)	Firm to very stiff or hard gravelly sandy CLAY with many cobblet strong. Often fissured particularly in the upper few metres. Occa	isional medium to extremely present. Generally low	Lowland Glaciated (within Devensian limit)	Drumlin fields, outwash terraces and kames and by erosional features such as crag and tail and glacial fluvial drainage channels.	Frequently thick and complex sequences of till and glaciofluvial deposits. Glaciolacustrine deposits, glaciomarine, raised marine deposits, raised beach deposits in coastal and estuarine settings. Alluvium and river terrace deposits.
Fine Till (Layered)	Firm to very stiff or hard slightly gravelly sandy CLAY with interbeds of laminated clay/silt and beds/lenses of sand and gravel. Often fissured, particularly in the upper few metres. Low to high permeability; flow dominantly through lenses/interbeds of sand and gravel.		Lowland Glaciated (beyond Devensian limit)	Featureless till plateaux sometimes with complex glaciofluvial deposits.	Thick complex sequences of interbedded till and glaciofluvial deposits. Alluvium and river terrace deposits.
Coarse Till	Dense to very dense clayey SAND and GRAVEL with some cobbles and boulders. Low to moderate permeability; flow dominantly through matrix.		Upland Periglaciated	Mountain-top residual deposit landforms. Patterned ground (chalk	Variably weathered bedrock. Head deposits, talus, peat and alluvium. Landslip deposits. Head, clay-with-flints (residual deposit of chalk),
Coarse Till (Layered)	Thick interpeds of sand and dravel. Low to high permeability, flow dominantly through lenses/				
	Note: Superficial deposits are shown only where mapping or bogenerally over 1 m thick. The deposits shown are those at surface		Lowland Periglaciated	polygons and stripes).	loess, alluvium and river terrace deposits.
	BS5930:1999. Code of Practice for Site Investigations, incorpora	ting Amendment 2 (2010). British	Valleys, Estuaries and Coastal	River and marine terraces, dunes forms, estuarine channels and mudflats.	Thick infills of late glacial and post glacial marine, estuarine and lacustrine deposits and peat. Alluvium, river terrace deposits, beach deposits and blown sand.
Standards Instit				, Morigi, A. N., and Browne, M. A. E (Keyworth, Nottingham: British Geo	1999. Quaternary geology – towards ological Survey.)
			SUPERFICIAL DEPOSIT R	ELATIONSHIPS; EXAMPLE FROM	A LOWLAND GLACIATED BASIN
HEAD			Esker Devens Rockhead	Glaciofluvial sands and gravels Current river channel sian Till Glacio lacustrine de Pre-Devensian Glaciofluvial gravels	Glaciofluvial sands and gravels Wind Blown sand Fan gravels Pre-Devensian Till
layey hillwash a the slow visco erm gelifluction round. Excess ressures, which	i mass movement deposit consisting of poorly sorted and poorly s nd soil creep, mantling a hillslope and deposited by solifluction and us downslope flow of waterlogged soil and other unsorted and un is restricted to the slow flow of fluidized superficial deposits durin water supplied from the melting of segregated ground ice can a greatly reduces the resistance of the mantle to downhill sliding our on very low angle slopes, down to 1 or 2°. Some clayey head	gelifluction processes. Solifluction saturated superficial deposits. The g the thawing of seasonally frozen generate high excess pore-water g and flow. As a result, geliflucted			gical Cross sections & Quaternary Domains: User 0/012. 36pp.
ue to the prese	nce of relict shear surfaces, produced during their formation under water contents.		ARTIFICIAL GROUND	surface and below it has resulted in	widespread modification of the ground. The legacy of
ue to their difficult recognition in the field and absence of subsurface information (boreholes), not all Head deposits ave been mapped.			this activity includes both anthropogenic deposits (artificial ground) and voids. As the processes which form artificial ground vary, so too do the characteristics of individual deposits. As a consequence, artificial deposits may be highly heterogeneous, variably consolidated and be affected by soil and/or groundwater contamination (Rosenbaum et al. 2003). It is therefore imperative that comprehensive and systematic assessment of artificial ground be made where		
			there is development and r regional planning purposes.	egeneration in an urban environme	ent, both for individual construction projects and for
					napping and classification purposes (after Rosenbaum ritish Geological Survey for its 1:50 000 and 1:10 000
			Worked Ground consists of includes quarries, pits, road	f areas where the ground is knowr and rail cuttings, dredged channels	n to have been cut away (excavated) by people and s and cut-away landscaping.
				ludes embankments, flood defence	have been deposited by human activity on the former s, spoil (waste) heaps, coastal reclamation fill, offshore
				nere the ground has been excava wholly, back-filled workings such as	ted and then had fill materials deposited artificially. s pits, quarries and opencast sites.

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