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	MacGregor (1928)	Phenocrysts		Macdonald (1975)	
		abundant	may occur	Macuonala (1979)	
Mucroporphyritic (>2 mm)	Markle	plagioclase	olivine iron oxides	macroporphyritic: olivine-plagioclase ± iron oxides-phyric basalt, basaltic hawaiite or hawaiite	
	Dunsapie	plagioclase clinopyroxene olivine	iron oxides	macroporphyritic: olivine-plagioclase- clinopyroxene-iron oxides-phyric basaltic hawaiite or olivine-clino- pyroxene-plagioclase-phyric basalt	
	Craiglockhart	clinopyroxene olivine		ankaramite	
Microporphyric (<2 mm)	Jedburgh	plagioclase olivine	iron oxides	microphyric: olivine-plagioclase ±iron oxides-phyric hawaiite, basaltic hawaiite or occasionally basalt	
	Dalmeny	olivine	plagioclase clino- pyroxene	microphyric: olivine-basalt or olivine- plagioclase-clinopyroxene-phyric basalt	
	Hillhouse	olivine	clino- pyroxene	microphyric: olivine-basalt or olivine- clinopyroxene-phyric basalt	

PERIOD	EPOCH/SERIES	AGE	ENVIRONMENT	TYPE OF ROCK/DEPOSIT
		Present day		
QUATERNARY	Post-Glacial		Temperate land	River alluvium
			High sea level	Low raised beach
		10.000	-	
	Late-Glacial		Sub-arctic	Peat
	N STREET, STREE		Very high sea level	High raised beach
1		15,000	Arcoc	Sands and gravers
	Glasial	10000	Ice.cap with interplacials	Boulder class (till)
TENTIARY	Giaciai	1 million	ice cap with intergracials	bounder only (mit)
CRETACEOUS			Land, temperate to desert	
IURASSIC	(Gap in geological record)		Earthquakes	
TRIASSIC			Mountain building	
PERMIAN			1.	
	Several conversion	280 million	2002/01/01/01/01/01/01/02/02/01	Igneous intrusions
CARBONIFEROUS	Coal Measures		Coal swamps, seas, deltas	Coal-bearing sediments
	Passage Group		Rivers, deltas	Mixed strata
	Upper Limestone Group		Coal swamps, deltas,	Coal-bearing sediments
	Lower Limestone Group		coral seas	Limestone-bearing sediments
	Upper Oil-Shale Group		Freehungter langener, daltar	Oil-shale -bearing sediments
	Lower Oil-Shale Group		Freshwater lagoons, dertas	Oil-shales, sandstones
	Arthur's Seat Volcanic Rocks		Volcanic eruptions	Lavas, tuffs, vents
	Cementstone Group		Coastal, shallow lagoons	Mixed strata
10000000000		345 million		Out we down
DEVONIAN	Upper Old Red Sandstone		Rivers, arid desert	Red sandstones
(OLD RED SANDSTONE)	Pentland Hills Volcanic Rocks		Volcanic eruptions, eartriquakes	Red coopiomerates
	Lower Old Red Sandstone	395 million	Farthouakes, mountain building	The confidence
CULUDIAN	Wanlock	www.rrainon	Barren land	Red sandstones
SILURIAN	Llandovery	435 million	Shallow tropical seas	Fossil-bearing mudstones
ORDOVICIAN	clanaoronj	500 million		
CAMPRIAN		570 million		
CANDRIAN		are manufar		

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