

GCSE GEOGRAPHY

Paper 2 Challenges in the Human Environment

Insert

Pages 2 and 3 of this insert contain the keys for the Ordnance Survey (OS) map extracts:

- page 2 shows the key for the 1:25 000 OS map extract (for use with Figure 3)
- page 3 shows the key for the 1:50 000 OS map extract (for use with Figure 6).

Key for the 1:25 000 OS map extract (Figure 3)

ROADS AND PATHS Not necessarily rights of way

	Motorway		Service Area		Junction Number
	Dual carriageway				
	Main road				
	Secondary road				
	Narrow road with passing places				
	Road under construction				
	Road generally more than 4 m wide				
	Road generally less than 4 m wide				
	Other road, drive or track, fenced and unfenced				
	Gradient: steeper than 20% (1 in 5) 14% (1 in 7) to 20% (1 in 5)				
	Ferry; Ferry P – passenger only				
	Path				

RAILWAYS

	} Standard gauge
	} Narrow gauge or Light Rapid Transit System (LRTS) and station
	Cutting; tunnel; embankment
	Station, open to passengers; siding

PUBLIC RIGHTS OF WAY Not shown on maps of Scotland

	Footpath
	Bridleway
	Byway open to all traffic
	Restricted byway-not for use by mechanically propelled vehicles

The representation on this map of any other road, track or path is no evidence of the existence of a right of way

OTHER PUBLIC ACCESS

	Other routes with public access
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The exact nature of the rights on these routes and the existence of any restrictions may be checked with the local highway authority. Alignments are based on the best information available

	Recreational route
	National Trail / Long Distance Route
	} See note below

Footpaths and bridleways along which landowners have permitted public use but which are not rights of way. The agreement may be withdrawn.

	Traffic-free cycle route
	National cycle network route number – traffic free; on road

BOUNDARIES

	National
	County (England)
	Unitary Authority (UA), Metropolitan District (Met Dist), London Borough (LB) or District (Scotland & Wales are solely Unitary Authorities)
	Civil Parish (CP) (England) or Community (C) (Wales)
	National Park

HISTORICAL FEATURES

	Site of antiquity
	Site of battle (with date)
	VILLA Roman
	CASTLE Non-Roman
	Visible earthwork

Information provided by English Heritage for England and the Royal Commissions on the Ancient and Historical Monuments for Scotland and Wales

GENERAL FEATURES

	Gravel pit		Sand pit		Triangulation pillar
	Other pit or quarry		Landfill site or slag/spoil heap		Mast
	Slopes		Windmill; with or without sails		Wind pump; wind turbine
	Place of worship		Electricity transmission line		
	Current or former place of worship – with tower – with spire, minaret or dome		BP Boundary post		
	Building; important building		BS Boundary stone		
	Glasshouse		CG Cattle grid		
	Youth hostel		CH Clubhouse		
	Bunkhouse / camping barn / other hostel		FB Footbridge		
	Bus or coach station		MP; MS Milepost; milestone		
	Lighthouse; disused lighthouse; Beacon		Mon Monument		
			PO Post office		
			Pol.Sta Police station		
			Sch School		
			TH Town hall		
			N.T.L Normal tidal limit		
			+ W; Spr Well; spring		

HEIGHTS AND NATURAL FEATURES

	52 Ground survey height
	284 Air survey height

Surface heights are to the nearest metre above mean sea level. Where two heights are shown, the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill

Vertical face/cliff

	Water; mud
	Sand; sand and shingle

VEGETATION

Vegetation limits are defined by positioning of symbols

	Coniferous trees
	Non-coniferous trees
	Coppice
	Orchard
	Scrub
	Bracken, heath or rough grassland
	Marsh, reeds or saltings

ACCESS LAND

	Firing and test ranges in the area. Danger! Observe warning notices		Access permitted within managed controls, for example, local bylaws.
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England and Wales		Scotland	
	Access land boundary and tint		National Trust for Scotland, always open
	Access land in wooded area		National Trust for Scotland, limited access – observe local signs
	Access information point		Forestry Commission Land
			Woodland Trust Land

TOURIST AND LEISURE INFORMATION

	Building of historic interest		Forestry Commission visitor centre		Preserved railway
	Boat trips		Garden / arboretum		Public Convenience
	Boat hire		Golf course or links		Public house/s
	Cadw (Welsh heritage)		Historic Scotland		Recreation / leisure / sports centre
	Camp site/Caravan site		Information centre, seasonal		Slipway
	Castle / fort		Horse riding		Telephone (public/ roadside assistance/ emergency)
	Cathedral / Abbey		Museum		Theme / pleasure park
	Craft Centre		Mountain bike trail		Viewpoint
	Country park		Nature reserve		Visitor centre
	Cycle hire		National Trust property		Walks / trails
	Cycle trail		Other tourist feature		Water activities
	English Heritage property		Parking / Park and ride, all year / seasonal		World Heritage site or area
	Fishing		Picnic site		

Key for the 1:50 000 OS map extract (Figure 6)

ROADS AND PATHS

Not necessarily rights of way

- Motorway (dual carriageway)
- Primary Route (recommended through route)
- Main road
- Road under construction
- Secondary road
- Narrow road with passing places
- Road generally more than 4m wide
- Road generally less than 4m wide
- Path / Other road, drive or track
- Gradient: steeper than 20% (1 in 5), 14% to 20% (1 in 7 to 1 in 5)
- Gates, Road tunnel
- Ferry (passenger), Ferry (vehicle)

RAILWAYS

- Track multiple or single
- Track under construction
- Siding
- Tunnel, cuttings
- Light rapid transit system, narrow gauge or tramway
- Bridges, footbridge
- Level crossing
- Viaduct, embankment
- Station, (a) principal
- Light rapid transit system station

WATER FEATURES

HEIGHTS

1 metre = 3.2808 feet

- Contours are at 10 metres vertical interval
- Heights are to the nearest metre above mean sea level

Where two heights are shown the first height is to the base of the triangulation pillar and the second (in brackets) to the highest natural point of the hill

PUBLIC RIGHTS OF WAY

The symbols show the defined route so far as the scale of mapping will allow.

The representation on this map of any other road, track or path is no evidence of the existence of a right of way. Not shown on maps of Scotland

Danger Area Firing and Test Ranges in the area. Danger! Observe warning notices.

BOUNDARIES

- National
- District
- County, Unitary Authority, Metropolitan District or London Borough
- National Park

ROCK FEATURES

OTHER PUBLIC ACCESS

- Other route with public access (not normally shown in urban areas). Alignments are based on the best information available. These routes are not shown on maps of Scotland.
- On-road cycle route
- Traffic-free cycle route
- National Cycle Network number
- Regional Cycle Network number
- National Trail, European Long Distance Path, Long Distance Route, selected Recreational Routes

ANTIQUITIES

- Site of antiquity
- Battlefield (with date)
- Visible earthwork
- ROMAN
- Non-Roman

TOURIST INFORMATION

- Camp site / caravan site
- Garden
- Golf course or links
- Information centre (all year / seasonal)
- Nature reserve
- Parking, Park and ride (all year / seasonal)
- Picnic site
- Recreation / leisure / sports centre
- Selected places of tourist interest
- Telephone, public / roadside assistance
- Viewpoint
- Visitor centre
- Walks / Trails
- World Heritage site or area
- Youth hostel

LAND FEATURES

- Electricity transmission line (pylons shown at standard spacing)
- Pipe line (arrow indicates direction of flow)
- Buildings
- Important building (selected)
- Bus or coach station
- Current or former place of worship (with tower, with spire, minaret or dome)
- Place of worship
- Glass structure
- Heliport
- Triangulation pillar
- Mast
- Wind pump, wind turbine
- Windmill with or without sails
- Graticule intersection at 5' intervals
- Cutting, embankment
- Landfill site or slag/spoil heap
- Coniferous wood
- Non-coniferous wood
- Mixed wood
- Orchard
- Park or ornamental ground
- Forestry Commission land
- National Trust (always open / limited access, observe local signs)
- National Trust for Scotland (always open / limited access, observe local signs)

ABBREVIATIONS

Br	Bridge	MS	Milestone
Cemy	Cemetery	Mus	Museum
CG	Cattle grid	P	Post office
CH	Clubhouse	PC	Public convenience (in rural areas)
Fm	Farm	PH	Public house
Ho	House	Sch	School
MP	Milepost	TH	Town Hall, Guildhall or equivalent

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