
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
	Road over; road under; level crossing
	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 The agreement may be withdrawn.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)
	Roman
	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		Boundary post
	Current or former place of worship – with tower – with spire, minaret or dome		Boundary stone		Cattle grid
	Building; important building		Clubhouse		Footbridge
	Glasshouse		Milepost; milestone		Monument
	Youth hostel		Post office		Police station
	Bunkhouse / camping barn / other hostel		School		Town hall
	Bus or coach station		Normal tidal limit		Well; spring
	Lighthouse; disused lighthouse;				
	Beacon				

HEIGHTS AND NATURAL FEATURES

	Ground survey height
	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
	Boulders
	Loose rock
	Outcrop
	Scree
	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.
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

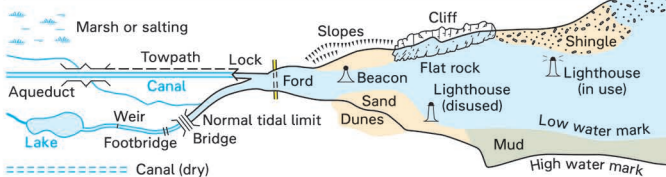
Not necessarily rights of way

	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

	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

	Footpath
	Bridleway
	Restricted byway
	Byway open to all traffic

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)
	ruin
	Buildings
	Important building (selected)
	Bus or coach station
	Current or former place of worship (with tower)
	Current or former place of worship (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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