





# GEOLOGICAL CONSERVATION SITES IN HERTFORDSHIRE (2016)




## RIGS

**Key:**  Outcrop  Quarry  Geomorphology  Not *in situ* (erratics, dislodged blocks etc)

#	Title	Grid Ref	Description	Lead Org
1	Almshoe Bury Swallow Hole	TL207246	Large swallow hole where floodwater percolates into Chalk bedrock	HGS
2	Ashwell Quarries	TL253395	Small, partly backfilled, quarry for Totternhoe Stone in which the Plenus Marls are exposed	HGS
3	Barkway Chalk Pit	TL381366	Chalk pit with glaciotectonically moved blocks of chalk	HMWT
4	Castle Hill, Berkhamsted	SP993085	Hertfordshire Puddingstone - blocks relocated onto roadside verge	HGS
5	Codicote Chalk Quarry	TL172213	Last fully working chalk quarry in Hertfordshire	HGS
6	Hertfordshire Bourne Valley	TL000061	Hydrogeological/Geomorphological site: Chalk valley with intermittent chalk stream	HGS
7	Hill End Pit	TL197239	Fossiliferous Chalk Rock pit - type locality for Hitch Wood Hardground. Former SSSI	HMWT
8	Hitchin Railway Cutting	TL196295	Chalk faces above Hitchin railway station car park. Middle Chalk above Melbourn rock. Southern wall stratigraphically important. Former SSSI	HGS
9	Moorend Farm Meadows	TL037060	Geomorphological site showing features interpreted as naleds or icings	HGS
10	Potters Crouch Pit	TL116046	Paramoudra and marl seams in Upper Chalk; private land enclosed by fence	HGS
11	Radlett Field	TL174999	Hertfordshire Puddingstone revealed after ploughing in field on private estate	HGS
12	Radlett Plantation	TL175995	Exposure of <i>in situ</i> Hertfordshire Puddingstone in woodlands on private estate	HGS




13	Ravensburgh Castle	TL092302	Geomorphological site; Chalk escarpment and chalk springs	HGS
14	Redbournbury Chalk Quarry	TL124105	Fossiliferous Top Rock Hardground within lower Upper Chalk; now within waste disposal plant	HGS
15	Reed Chalk Pit	TL359370	Glaciotectonically disturbed, highly fossiliferous chalk pit within HMWT Nature Reserve. Former SSSI	HMWT
16	Royston Chalk Pit	TL361403	Middle Chalk with exposure of Reed Marl; This Nature Reserve is a bat hibernaculum	HMWT
17	Royston Erratic	TL356407	Glacial erratic (Millstone Grit boulder probably from Derbyshire or Yorkshire) in Royston town-centre	HGS
18	Shenley Chalk Mine	TL203014	Large disused chalk mine with extensive unsupported tunnels and caverns; bat hibernaculum	HMWT
19	Tring Park	SP927105	Dendritic shallow periglacial dry valleys cut in Middle Chalk bench	HGS

## Geological SSSIs

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#	Title	Grid Ref	Description	Lead Org
1	Castle Lime Works Quarry	TL229026	Boundary of chalk and overlying Tertiary deposits, with large solution pipies. Disused quarry, one face retained - adjoins a Scheduled Ancient Monument	
2	Downfield Pit, Westmill	TL349165	Gravel & boulder clay from Pleistocene proto-Thames & Anglian glaciation. Former gravel pit	
3	Hillcollins Pit	TL442267	Small pit with earliest gravels (Westland Green Gravels) from proto-Thames (1,600-1,800ka)	
4	Little Heath Pit	TL017082	Marine sands and gravels overlain by peri-glacial cryoturbated pebbles. Date expected to align with Red Crag (2.2-2.6Ma)	
5	Moor Mill Quarry West	TL145027	Gravels (oldest 470-500ka) and clays from diversion of proto Thames during Anglian glaciation	
6	Oughtonhead Lane, Hitchin	TL172299	Interglacial tufa (probably Hoxnian Interglacial 300-420ka)	
7	Water End Swallow Holes	TL230043	Only permanent swallow holes in Herts. 15 swallow holes with karstic drainage system (approx 32km <sup>2</sup> )	
8	Great Westwood Quarry	TQ071993	Proto-Thames deposit when flowing through Vale of St Albans (800-900ka) pre Anglian glaciation Includes volcanic pebbles from north Wales.	

## Other SSSIs With Earth Science Interest

**Key:**  Outcrop  Quarry  Geomorphology

#	Title	Grid Ref	Description	Lead Org
1	Ashwell Springs	TL270398	Series of springs arising near base of Chalk from a source of the River Cam	
2	Northaw Great Wood	TL280043	Swallow holes, in thin Pleistocene Valley Gravel & Reading Fm sands. Pieces of Herts Puddingstone found.	
3	Patmore Heath	TL443258	Variations in thickness of gravels overlying London Clay bring water table close to surface giving wet heathland	
4	Redwell Wood	TL213025	Temporary swallow holes from seasonal streams where cross boundary between Reading Fm & Chalk	
5	Roughdown Common	TL047057	Old chalk quarry and extensive chalk mine part of gated site and used as bat hibernaculum	
6	Sherrardspark Wood	TL230139	Temporary swallow holes from seasonal streams where cross boundary between Reading Fm & Chalk	
7	Broxbourne & Hoddesdonpark Woods	TL325075 to TL352085	Numerous woodland streams developed on proto-Thames gravels overlying London Clay show natural meanders	