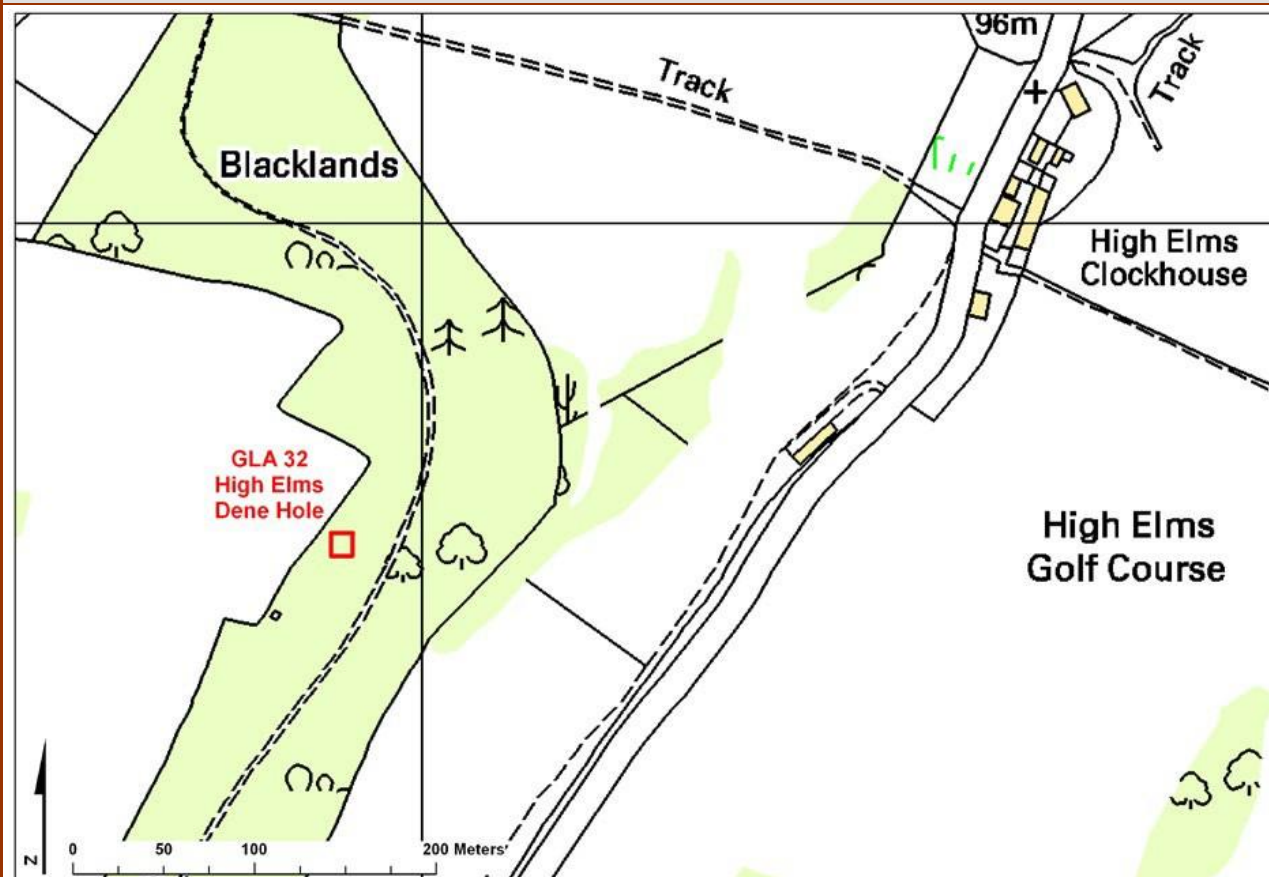


GLA 32 High Elms Dene Hole

Grid Reference: TQ 4395 6282 (BR6 7JH)	Site Type: Small underground Chalk mine, possible ancient
Site Area (hectares): 0.02	Current use: Country Park
Site ownership: LB Bromley	Borough: London Borough of Bromley
Field surveyor: South London RIGS Group Last visited: Paul Rainey	Date: January 2008 Date: 2008
Current geological designation: RIGS	Other designation: LNR; Metropolitan SINC (High Elms)

Site Map

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Stratigraphy and Rock Types

Time Unit: Late Cretaceous	Rock Unit: Seaford Chalk Formation and Newhaven Chalk Formation Undifferentiated, Chalk Group
Rock Type: Chalk	Details: Chalk extends to surface

Site Description


This is a well preserved and protected underground Chalk pit. It is located in the High Elms Country Park. Very few, if any, of the over 200 chalk pits in the area are preserved. The pit is used for bat hibernation in winter.

Assessment of Site Value

Geodiversity topic: Palaeontology, sedimentology and lithostratigraphy.

Access and Safety

Aspect	Description
Safety of access	Level ground from nearby footpath.
Safety of exposure	The mine is securely protected by a steel grille.
Permission to visit	The site has open access. Permission to enter the mine must be obtained from the Head Ranger who would consult with other interested parties.

Current condition	Well preserved.	
Current conflicting activities	The mine is an important bat roost.	
Restricting conditions	Access to the mine workings is controlled by LBB.	
Nature of exposure	Disused trefoil type of shallow chalk mine.	
Culture, Heritage & Economic		
Aspect	Description	Rating
Historic, archaeological & literary associations	Rare survivor of over 200 chalk mines in the area. Mining by this method to get chalk for marling land began in Roman times	6
Aesthetic landscape	Point of interest on popular walk route	5
History of Earth Sciences	Historic mining system	5
Economic geology	Former chalk mine	4
GeoScientific Merit		
Geomorphology	None.	0
Sedimentology	Environment of deposition.	2
Palaeontology	None	0
Igneous / mineral / metamorphic Geology	None.	0
Structural Geology	None.	0
Lithostratigraphy	Seaford Chalk Formation and Newhaven Chalk Formation Undifferentiated, Chalk Group.	2
Potential use	Onsite interpretation.	
Fragility	Natural overgrowth.	
Current Site Value		
Community	Site passed by on daily basis. The London Loop passes just to the north of the site.	8
Education	High value.	8
Geodiversity value		
RIGS: Rare survivor of an agricultural system in use for centuries.		7
GLA 32 High Elms Dene Hole		
		
High Elms Dene Hole		