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# A29 D99 Skelbrooke Quarry

## Site information

**Site name:** Skelbrooke Quarry

**Site key:** D99

**Grid reference:** [SE 505 114] (centred on)

**Site type:** disused quarries, pits and cuttings

**Local authority:** Doncaster Metropolitan Borough Council, South Yorkshire

**Site dimensions:** 50 x 7 m

**Site owner:** Darrington Quarries Ltd

**Conservation status:** Regionally Important Geological Site **Date:** 16/9/97

**Field surveyor:** Scott Engering **Date:** 16/2/07

## Stratigraphy and rock types

**Time unit:** Permian **Rock unit:** Brotherton Formation, Zechstein Group

**Rock type:** Dolostone **Details:** Well bedded dolostone

## Site map

(Figure 133) — D99 Skelbrooke Quarry

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## Site description

The site has ceased quarrying activities and is now full with water and is being progressively landfilled. The section of marl described in the 1997 survey has now been landscaped and at the date of the resurvey, a maximum section of 2-3 m of dolostone was still seen in the north-west face. No features of geological interest will remain.

## RIGS assessment of site value

Ratings: 1–2 very poor; 3–4 poor; 5–6 acceptable/useful; 7–8 quite good; 9–10 very good/excellent; N/A not applicable; D/K don't know

## Access and safety

### Aspect/Description/Rating

**Road access & parking** Not applicable. Rating: 0

**Safety of access** Not applicable. Rating: 0

**Safety of exposure** Not applicable. Rating: 0

**Permission to visit** Not applicable. Rating: 0

**Current condition** Not applicable. Rating: 0

**Current conflicting activities** Landfill

**Restricting conditions** Landfill

**Nature of exposure** Old quarry exposure

**Multiple exposures/prospect for trail**

**Notes** None

## **Culture, heritage & economic**

### **Aspect/Description/Rating**

**Historic, archaeological & literary associations** Former dolostone quarry. Rating: 5

**Aesthetic landscape** Not applicable. Rating: 0

**History of Earth Sciences** Not applicable. Rating: 0

**Economic geology** Formerly a dolostone quarry. Rating: 0

**Notes**

## **Education and science**

**Surface processes** Not applicable. Rating: 0

**Geomorphology** Not applicable. Rating: 0

**Sedimentary** Not applicable. Rating: 0

**Fossils** Not applicable. Rating: 0

**Igneous** Not applicable. Rating: 0

**Metamorphic** Not applicable. Rating: 0

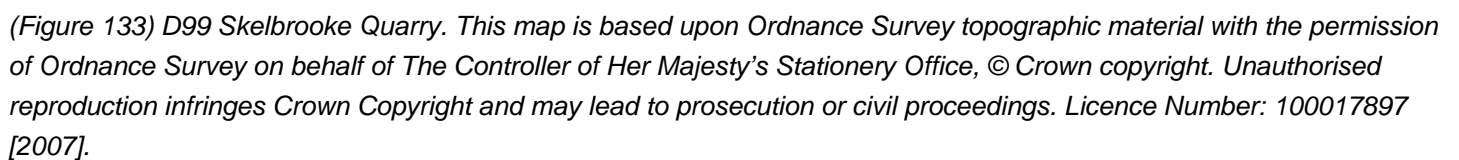
**Tectonic: structural** Not applicable. Rating: 0

**Minerals** Not applicable. Rating: 0

**Stratigraphy** Not applicable. Rating: 0

**Notes** Not applicable

## **Geodiversity value**





*(Figure 134) General view of restoration and tree planting works. [SE 51116 11573].*



*(Figure 135) Last remaining exposure of limestones of the Brotherton Formation and overlying Roxby Formation. [SE 51116 11573].*