
EDC 32: Cawder Quarry, Cadder

Grid reference: [NS 60711 72106]

Site type: Artificial quarry works

Site ownership: Not known

Current use: Disused

Field surveyor: Sarah Arkley & Mike Browne

Current geological designations: None

Date visited: 6th April 2009

Site map

(Figure 32) Cawder Quarry Location Map

Summary description

Disused sand and gravel quarry.

No sections were found. Once an important quarry the faces are now degraded and overgrown, so that no exposures remain.

EDC 32: Stratigraphy and rock types

Age: Quaternary Formation: Wilderness Till Formation

Rock type: Glacial deposits: diamicton

Age: Quaternary Formation: Cadder Sand and Gravel Formation

Rock type: Sand and Gravel

Assessment of site value

Access and safety

Aspect/Description

Road access and parking Parking is possible along Balmuirdy Road, to the west of the site

Safety of access Walk across field from the road to the site

Safety of exposure Not relevant

Permission to visit Viewed from track opposite the council depot on Balmuirdy Road

Current condition Appears very overgrown

Current conflicting activities

None known

Restricting conditions Faces are so degraded that the site is of little value in its current condition

Nature of exposure Degraded quarry faces

Culture, heritage & economic

Historic, archaeological & literary associations None known. Rating: 0.

Aesthetic landscape. Rating: 1.

History of earth sciences None known. Rating: 0.

Economic geology Working in 1970's for sand and gravel under till. Rating: 5.

EDC 32: Geoscientific merit

EDC 32: Cawder Quarry, Cadder. Geoscientific merit.

Total Geoscientific merit score. Rating: 9.

Current site value

Community 10

Education. Rating: 2.

Fragility and potential use of the site

Fragility Natural overgrowing, Development

Research, Higher/Further Education

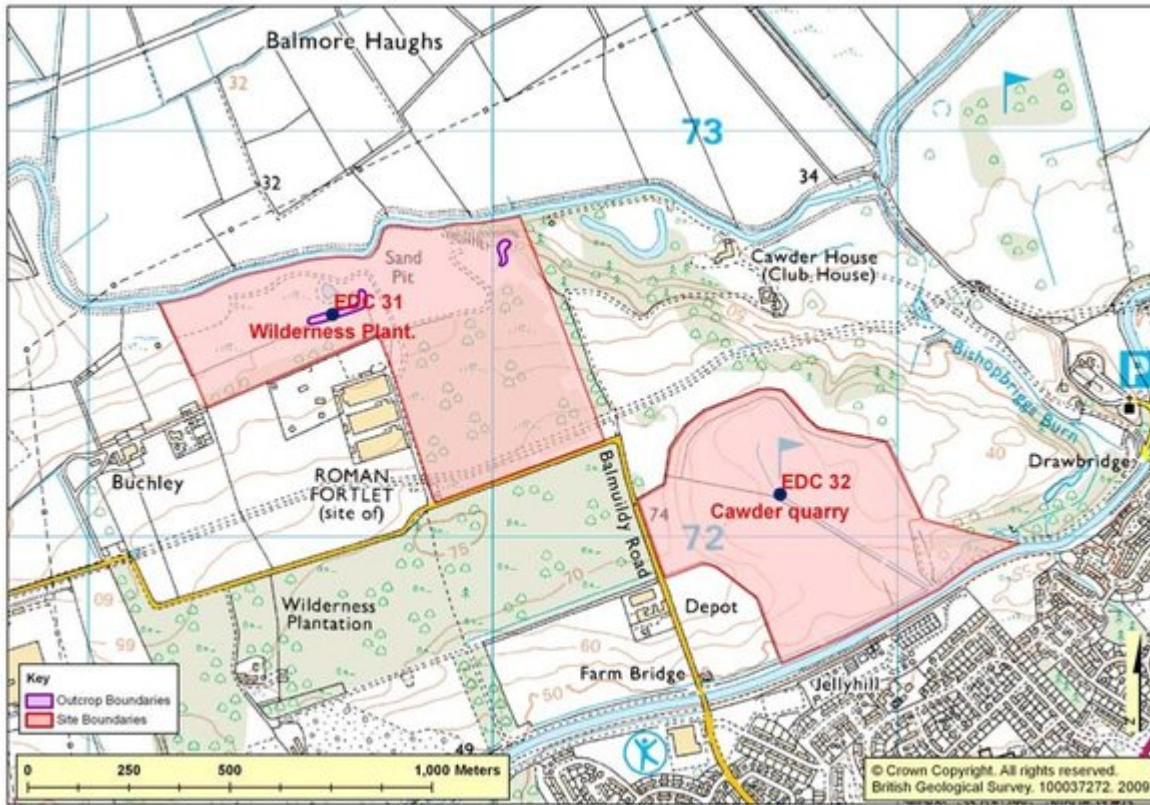
Geodiversity value

Former large sand and gravel quarry. All faces now degraded and overgrown. No exposures remain.

Photographs

(Photo 203) Panorama across the former sand and gravel quarry at Cawder, which formerly exploited the Cadder Sand and Gravel Formation. No exposures of these sediments are known today. Rating: 2.

[Bibliography](#)



(Figure 32) Cawder Quarry location map.

GeoScientific Merit	Rarity	Quality	Literature/ Collections	1st
Litho Stratigraphy	5	0	2	<input checked="" type="checkbox"/>
Sedimentology	2	0	0	<input type="checkbox"/>
Igneous/Mineral/ Metamorphic Geology	0	0	0	<input type="checkbox"/>
Structural Geology	0	0	0	<input type="checkbox"/>
Palaeontology	0	0	0	<input type="checkbox"/>
Geomorphology	0	0	0	<input type="checkbox"/>

EDC 32: Cawder Quarry, Cadder. Geoscientific merit.



(Photo 203) Panorama across the former sand and gravel quarry at Cawder, which formerly exploited the Cadder Sand and Gravel Formation. No exposures of these sediments are known today.