

Avonmouth, City of Bristol

Record ID 201

Authors

Seddon, B.

Year

1964

Location description

Deposit location

Deposit description

Peat sample. Zone VI.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

Peat sample at -9.5 m.

¹⁴C ages available

No

Notes

Seddon (1964) (pg105) referred to in Hawkins (1971)

Bibliographic reference

Seddon, B. 1964 'Submerged peat layers in the Severn Channel near Avonmouth ', Proceedings of the Bristol Naturalists Society, 31(1), 101-106.

Avonmouth, City of Bristol

Record ID 284

Authors

Richardson, C.

Year

1887

Location description

Deposit location

ST 5554 8258

Deposit description

1.5 ft [0.46 m] thick peat.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Borehole No.4

Depth of deposit

-2 ft OD [-0.6 m OD]

¹⁴C ages available

No

Notes

Referred to in Welch and Trotter (1961)

Bibliographic reference

Richardson, C. 1887 'The Severn Tunnel', Proceedings of the Bristol Naturalists Society, 5, 49-81.

Avonmouth, City of Bristol

Record ID 483

Authors

NMR

Year

NONE

Location description

Deposit location

ST 5348 8372 (centre).

Deposit description

Peat layers and submerged forest - scattered oak remains.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

No

Notes

NMR no. ST 58 SW 11 (1133276).

Bibliographic reference

NMR NONE 'National Monuments Record'.

Gravel Banks, City of Bristol

Record ID 482

Authors

NMR

Year

NONE

Location description

Avonmouth

Deposit location

ST 5230 8388 (centre); ST 5247 8376 (separate exposure).

Deposit description

Submerged forest (mainly oak stumps) and three peat layers.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

Intertidal area (peat layers at c. -3 m OD and -4 m OD).

¹⁴C ages available

No

Notes

NMR no. ST 58 SW 10 (1133272).

Subsite details

ID 117

Location

ST 5230 8388

Depth

Peat layers at c. -3 m OD and -4 m OD.

Description

Peat layers are separated by blue/grey estuarine clay.

ID 118

Location

ST 5247 8376

Depth

c. -2 m OD.

Description

Peat exposure.

Bibliographic reference

NMR NONE 'National Monuments Record'.

Gravel Banks, City of Bristol

Record ID 629

Authors

Gilbertson, D., Hawkins, A., Mills, C.,
Harkness, D. and Hunt, C.

Year

1990

Location description

Deposit location

c. ST 52 82

Deposit description

Complexly interdigitated peats and clays.

Deposit stratigraphy

Associated artefacts

Early work

Sample method

Depth of deposit

14C ages available

Yes

Notes

Sequence suggests intermittent obstruction of freshwater drainages (causing freshwater ponding and peat growth) and incursion of the sea by rising sea level.

14C details

ID 474

Laboratory code I-4903

Sample location

Depth of sample

Dated sample description

c. -5.5 m OD

Age (uncal)

7030 ±100/115 BP [both
quoted, different diagrams]

Age (cal)

6080-5710 cal. BC

Delta 13C

Notes

Bibliographic reference

Gilbertson, D., Hawkins, A., Mills, C., Harkness, D. and Hunt, C. 1990 'The late Devensian and Holocene of industrial Severnside and the Vale of Gordano: stratigraphy, radiocarbon dating and palaeoecology', *Proceedings of the Ussher Society*, 7, 279-284.

Gravel Banks, City of Bristol

Record ID 638

Authors

Druce, D.

Year

2000

Location description

1.5 km west of Chittening Wharf

Deposit location

Deposit description

Intertidal peat deposits. Wood (mainly oak) remains. Lower peat 0.05 m thick; upper peat 0.15 m thick.

Deposit stratigraphy

Bank of gravel moves to expose peat and forest. Lower peat rests on Mercia mudstone. Two peat layers separated by Wentlooge Clay.

Associated artefacts

Early work

Sample method

Depth of deposit

¹⁴C ages available

Yes

Notes

Information also from Riley (1998). Site I was main study site.

Subsite details

ID 247

Location

ST 5230 8385

Depth

c. -4.0 m OD - surface of lower peat.

Description

Site I. Only fully uncovered during low spring tides: 750 m².

ID 248

Location

Depth

c. -3.0 m OD - surface of upper peat layer.

Description

Site I. Exposure of 900 m².

ID 249

Location

ST 5248 8376

Depth

c. -2.0 m OD - upper peat surface.

Description

Site II (150m SE of site I). Peat layer exposed for c. 50 m. Wood remains along northern edge.

14C details

ID 486

Laboratory code Wk-5826

Sample location

ST 5248 8376

Depth of sample

4.02 m OD

Dated sample description

- Base of lower peat.

Age (uncal)

7150 ± 70 BP

Age (cal)

6200-5842 cal. BC (2 sigma)

Delta 13C

Notes

Site II.

ID 487

Laboratory code Wk-5859

Sample location

ST 5248 8376

Depth of sample

-3.98 m OD

Dated sample description

Top of lower peat.

Age (uncal)

6440 ± 70 BP

Age (cal)

5513-5299 cal. BC (2
sigma)

Delta 13C

Notes

Site II.

ID 488

Laboratory code Wk-5827

Sample location

ST 5230 8385

Depth of sample

-3.00 m OD

Dated sample description

Base of upper peat.

Age (uncal)

6620 ± 70

Age (cal)

5662-5472 cal. BC (2
sigma)

Delta 13C

Notes

Site I.

ID 489

Laboratory code [not given]

Sample location

ST 5230 8385

Depth of sample

-2.86 m OD

Dated sample description

Top of upper peat.

Age (uncal)

[not given]

Age (cal)

5601-5302 cal. BC (2
sigma)

Delta 13C

Notes

Site I.

Bibliographic reference

Druce, D. 2000 'Mesolithic to Romano-British archaeology and environmental change of the Severn Estuary, England', Unpublished PhD thesis, University of Bristol.

West Dock, City of Bristol

Record ID 435

Authors

Harkness, D. and Wilson, H.

Year

1979

Location description

Deposit location

ST 502 774

Deposit description

Two peat layers within Flandrian sediments.

Deposit stratigraphy

Flandrian deposits overlie sands and gravels with rare vertebrate remains.

Associated artefacts

Early work

Sample method

Borehole.

Depth of deposit

¹⁴C ages available

Yes

Notes

Collected by AB Hawkins, submitted by Inst. Geol. Soc. London. Lower peat band is similar age to that of widespread Somerset peat horizon.

¹⁴C details

ID 295

Laboratory code SRR-392

Sample location

ST 502 774

Depth of sample

3.58 m deep

Dated sample description

Peat.

Age (uncal)

4490 ± 70

Age (cal)

-26.4

Delta ¹³C

Notes

ID 296

Laboratory code SRR-393

Sample location

ST 502 774

Depth of sample

5.72 m deep

Dated sample description

Peat.

Age (uncal)

5020 ± 70

Age (cal)

-28.7

Delta 13C

Notes

ID 297

Laboratory code SRR-394

Sample location

ST 502 774

Depth of sample

6.17 m deep

Dated sample description

Peat.

Age (uncal)

6050 ± 70

Age (cal)

-28.7

Delta 13C

Notes

Bibliographic reference

Harkness, D. and Wilson, H. 1979 'Scottish Universities Research and Reactor Centre radiocarbon measurements III', Radiocarbon, 21, 203-256.

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