Scottish Universities Environmental Research Centre
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RADIOCARBON DATING CERTIFICATE

4 November 2009

Laboratory Code	SUERC-26152 (GU-19800)
Submitter	Peter Leach 1 Wallscombe Cottages Chaffcombe Chard Somerset TA20 4AJ
Site Reference	Beacon Hill, Shepton Mallet
Sample Reference	BHW08 SS.06 [4012]
Material	Charcoal : Heather
$\delta^{13}C$ relative to VPDB	-26.6 ‰
Radiocarbon Age BP	3765 ± 30

N.B.

1. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

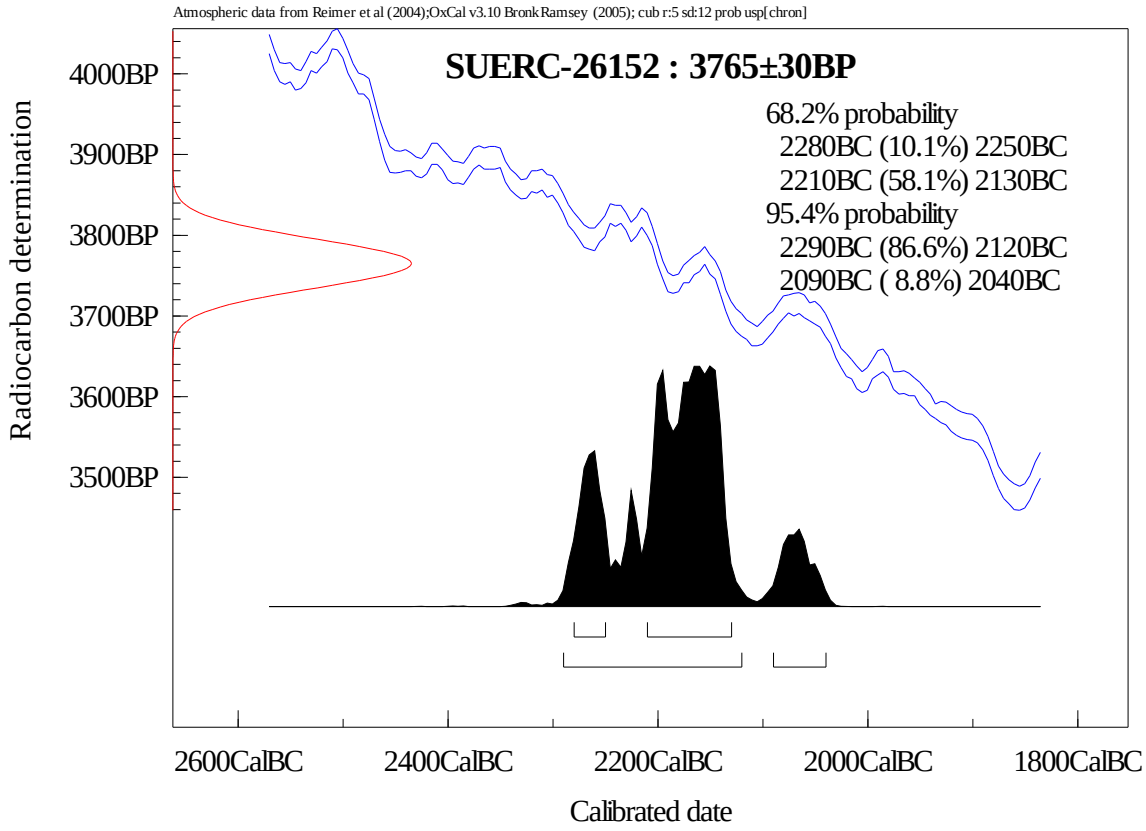
2. The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal3).

3. Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or Telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- Date :-

Checked and signed off by :- Date :-

Calibration Plot



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RADIOCARBON DATING CERTIFICATE

4 November 2009

Laboratory Code	SUERC-26153 (GU-19801)
Submitter	Peter Leach 1 Wallscombe Cottages Chaffcombe Chard Somerset TA20 4AJ
Site Reference	Beacon Hill, Shepton Mallet
Sample Reference	BHW08 SS.08 [4010]
Material	Charcoal : Heather
$\delta^{13}C$ relative to VPDB	-26.0 ‰
Radiocarbon Age BP	3675 ± 30

N.B.

1. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

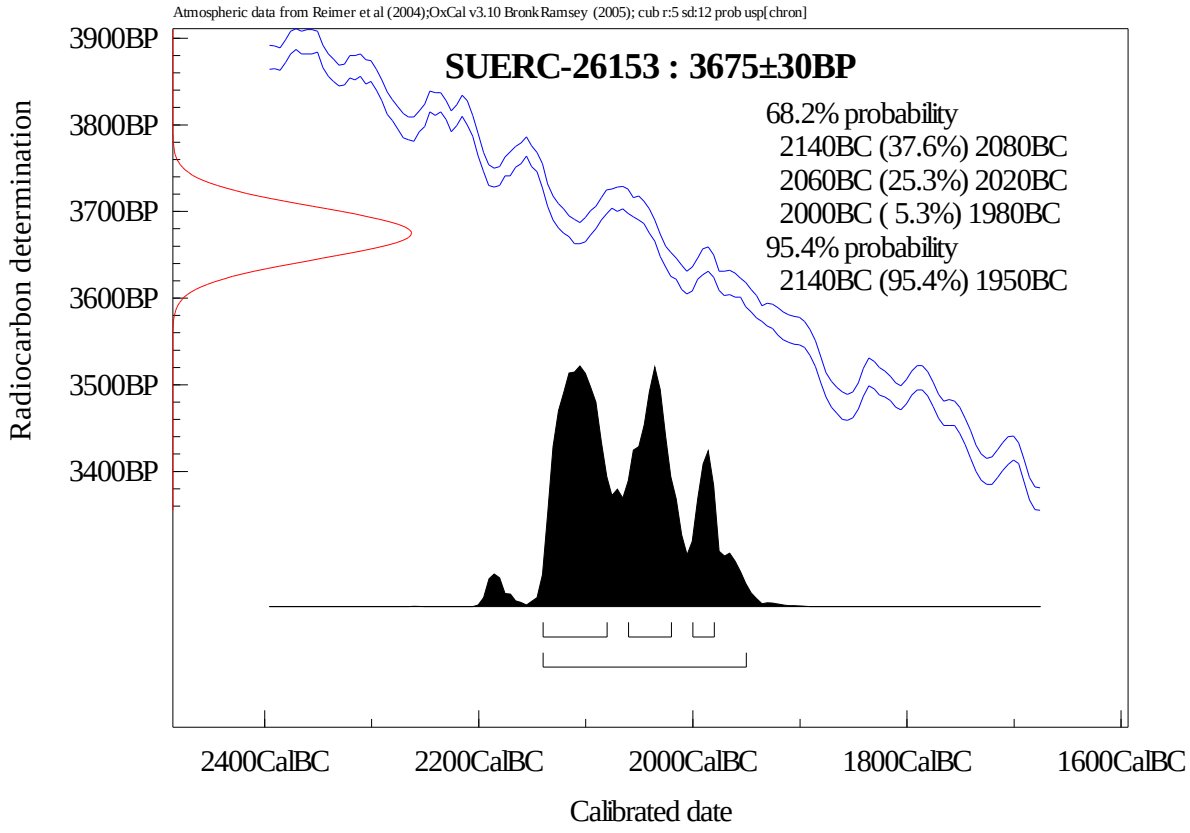
2. The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal3).

3. Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or Telephone 01355 270136 direct line.

Conventional age and calibration age ranges calculated by :- Date :-

Checked and signed off by :- Date :-

Calibration Plot



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RADIOCARBON DATING CERTIFICATE

4 November 2009

Laboratory Code	SUERC-26154 (GU-19802)
Submitter	Peter Leach 1 Wallscombe Cottages Chaffcombe Chard Somerset TA20 4AJ
Site Reference	Beacon Hill, Shepton Mallet
Sample Reference	BHW08 SS.012[4008]
Material	Charcoal : Heather
$\delta^{13}C$ relative to VPDB	-27.7 ‰
Radiocarbon Age BP	4155 ± 30

N.B.

1. The above ^{14}C age is quoted in conventional years BP (before 1950 AD). The error, which is expressed at the one sigma level of confidence, includes components from the counting statistics on the sample, modern reference standard and blank and the random machine error.

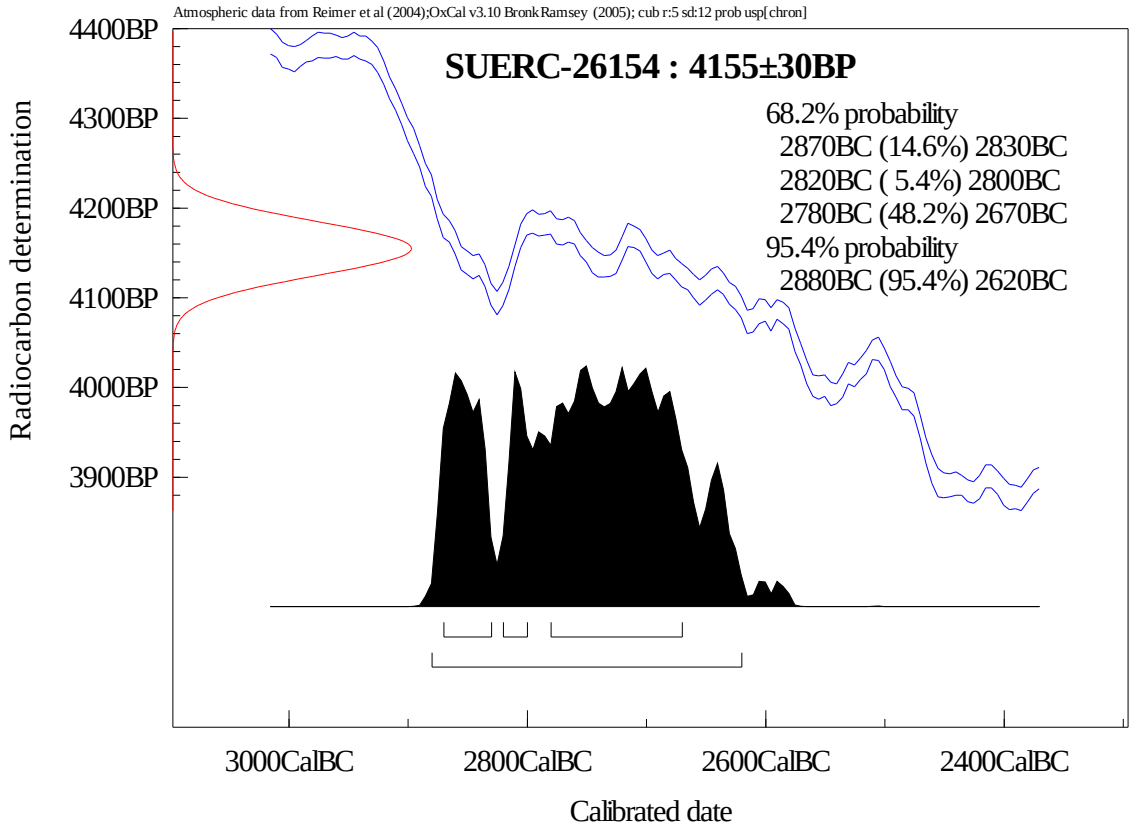
2. The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal3).

3. Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Facility and should be quoted as such in any reports within the scientific literature. Any questions directed to the Radiocarbon Laboratory should also quote the GU coding given in parentheses after the SUERC code. The contact details for the laboratory are email g.cook@suerc.gla.ac.uk or Telephone 01355 270136 direct line.

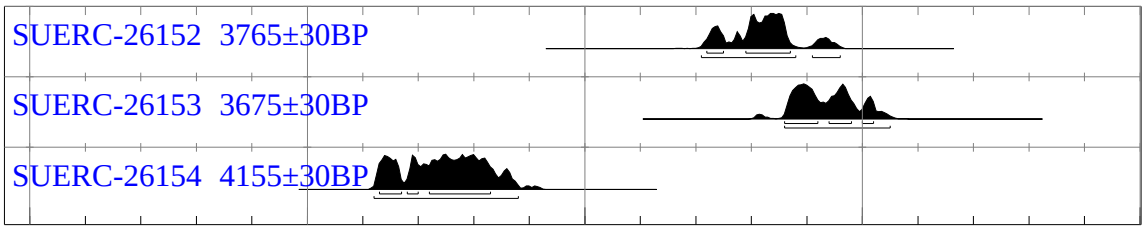
Conventional age and calibration age ranges calculated by :- Date :-

Checked and signed off by :- Date :-

Calibration Plot



Atmospheric data from Reimer et al (2004);OxCal v3.10 Bronk Ramsey (2005); cub r:5 sd:12 prob usp[chron]



3500CalBC 3000CalBC 2500CalBC 2000CalBC 1500CalBC

Calibrated date