



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

$\delta^{13}\text{C}$ relative to VPDB -26.6 ‰

Radiocarbon Age BP 3765 \pm 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 :-

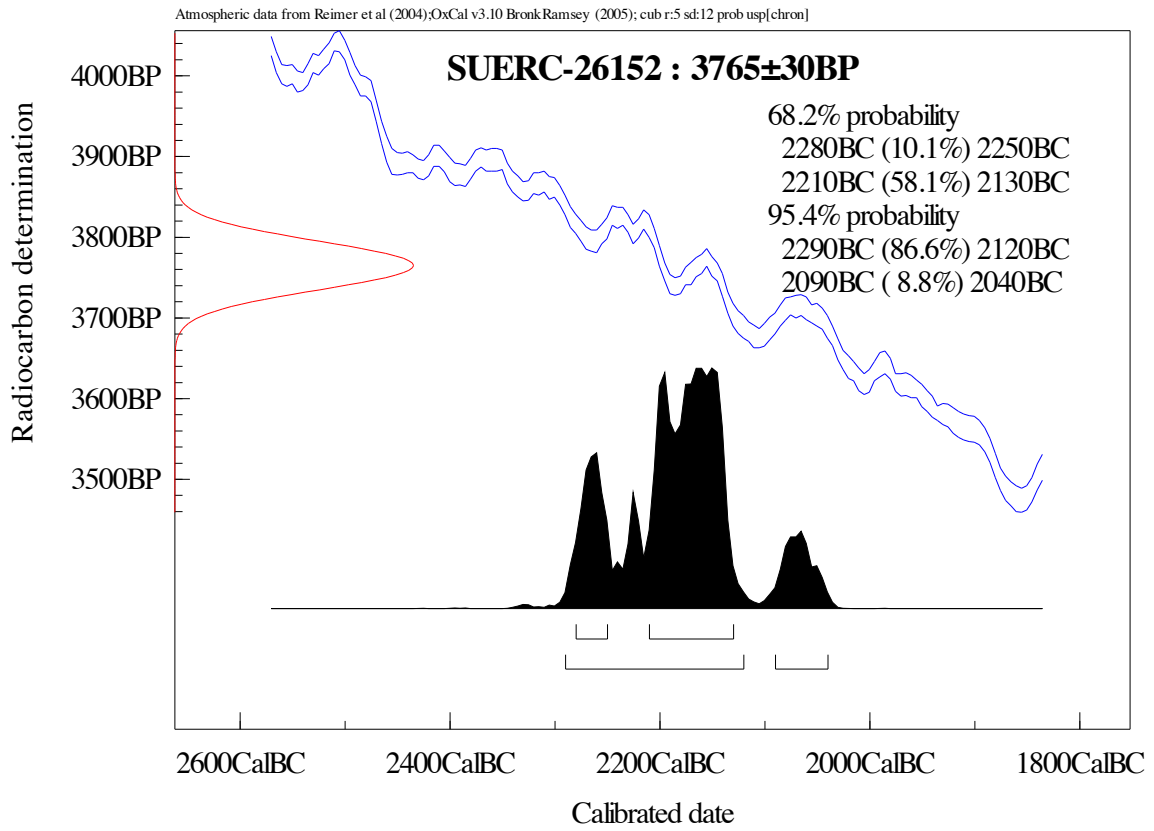


The University of Glasgow, charity number SC004401



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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

$\delta^{13}\text{C}$ relative to VPDB -26.0 ‰

Radiocarbon Age BP 3675 \pm 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 :-



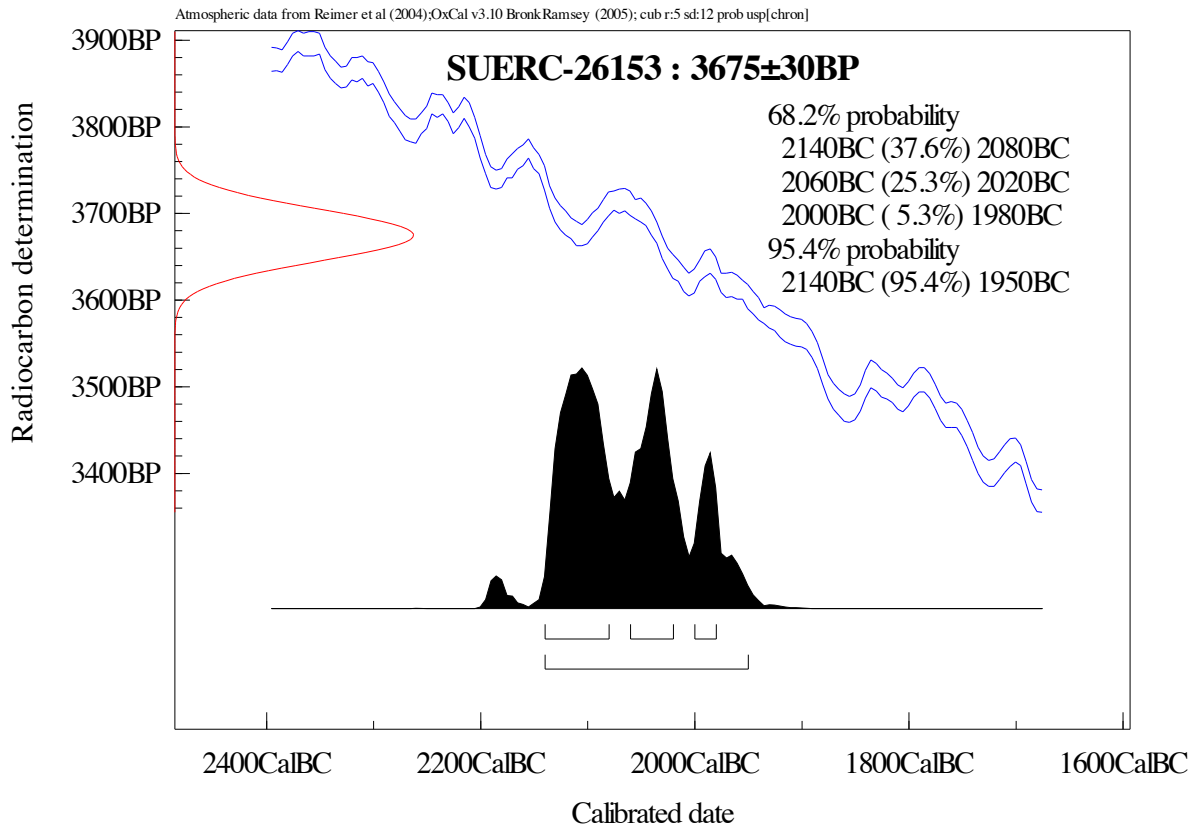
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RADIOCARBON DATING CERTIFICATE

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

$\delta^{13}\text{C}$ relative to VPDB -27.7 ‰

Radiocarbon Age BP 4155 \pm 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 :-



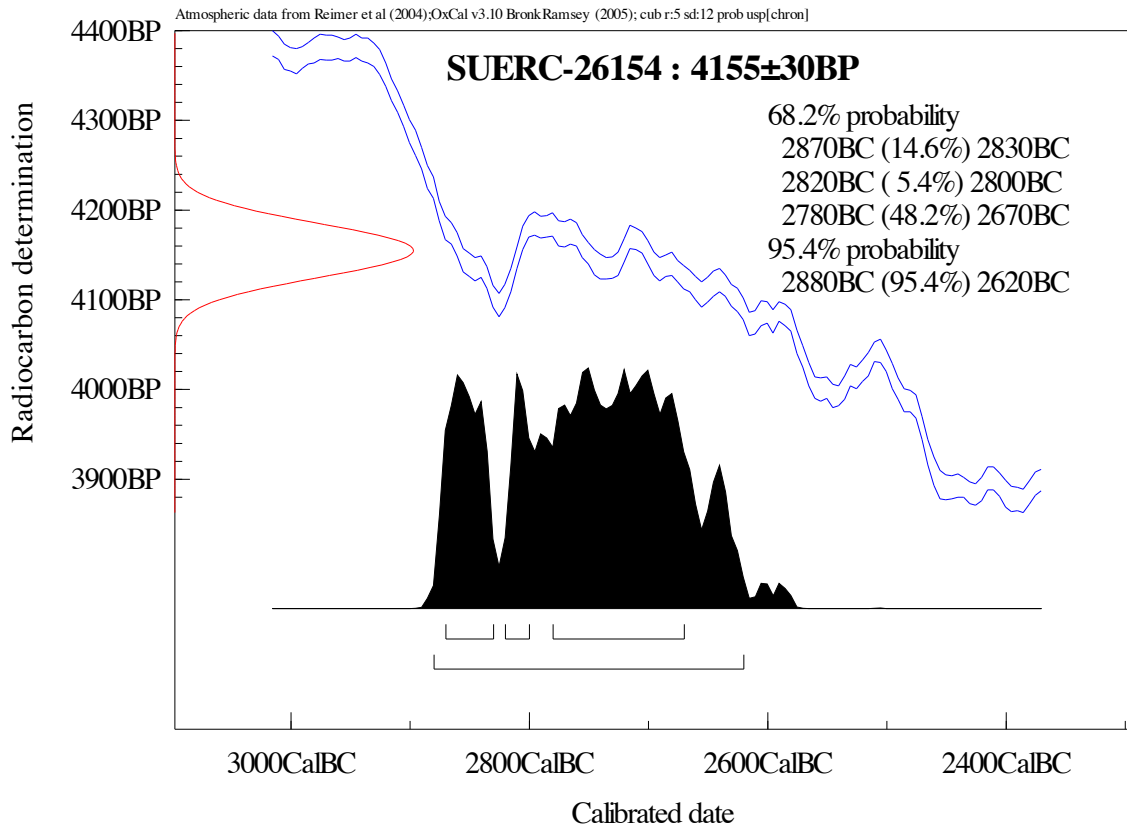
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Atmospheric data from Reimer et al (2004);OxCal v3.10 Bronk Ramsey (2005); cub r:5 sd:12 prob usp[chron]

