



RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code SUERC-51231 (GU33004)

Submitter Jane Harrison
University of Oxford
Department for Continuing Education
Rewley House, 1 Wellington Square
Oxford, OX1 2JA

Site Reference BC11 Bartlemas Chapel
Context Reference (BC11) 1054
Sample Reference SK9

Material bone : human canine

$\delta^{13}\text{C}$ relative to VPDB -18.8 ‰
 $\delta^{15}\text{N}$ relative to air 12.5 ‰
C/N ratio (Molar) 3.2

Radiocarbon Age BP 536 ± 35

N.B. 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.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

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.

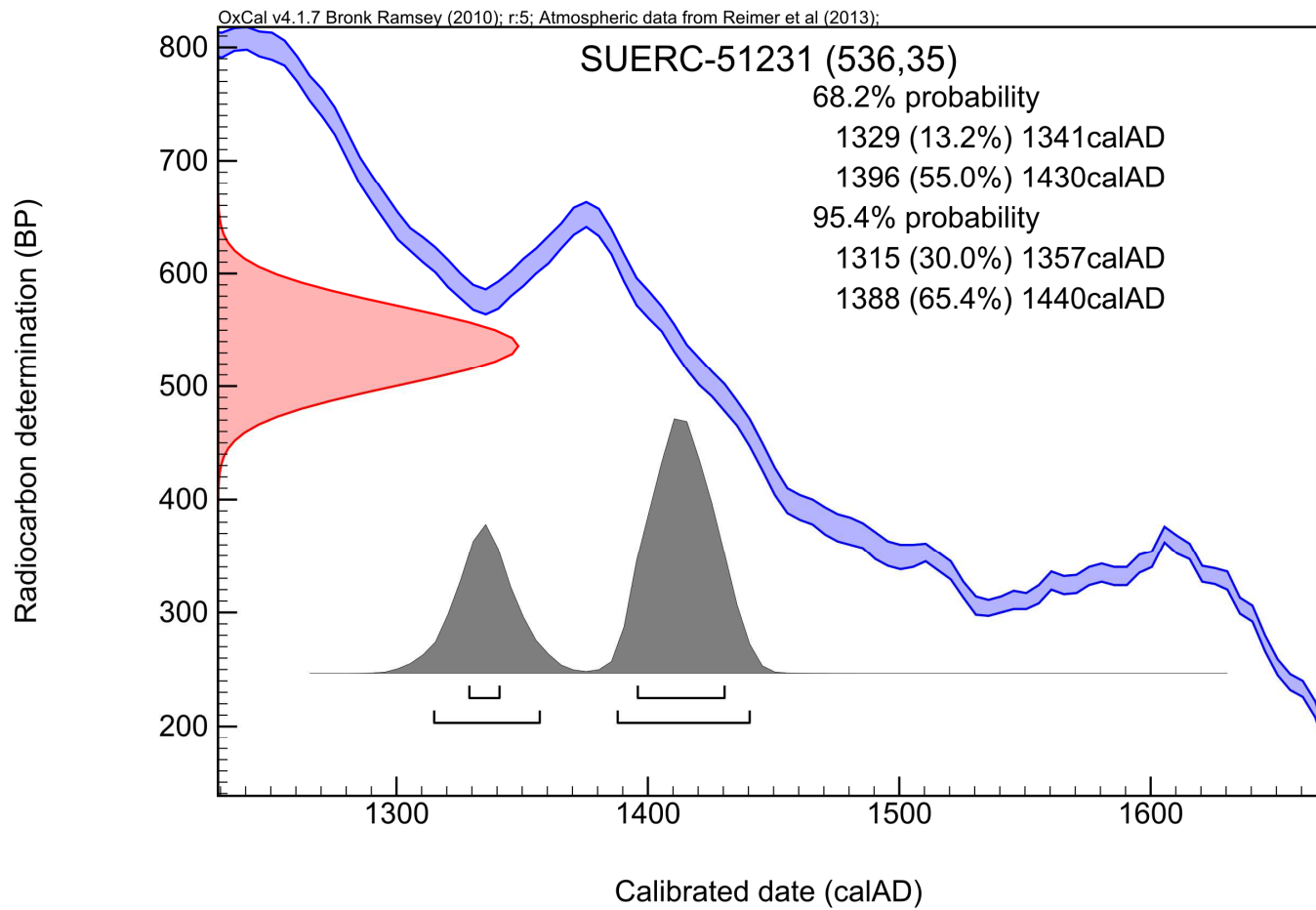
Conventional age and calibration age ranges calculated by :- *E. Dunbar*

Date :- 03/04/2014

Checked and signed off by :- *N. Russell*

Date :- 03/04/2014

Calibration Plot





RADIOCARBON DATING CERTIFICATE

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Laboratory Code SUERC-51232 (GU33005)

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Oxford, OX1 2JA

Site Reference BC11 Bartlemas Chapel
Context Reference (BC11) 1054
Sample Reference SK9

Material bone : human molar

$\delta^{13}\text{C}$ relative to VPDB -19.0 ‰
 $\delta^{15}\text{N}$ relative to air 12.4 ‰
C/N ratio (Molar) 3.2

Radiocarbon Age BP 638 \pm 35

N.B. 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.

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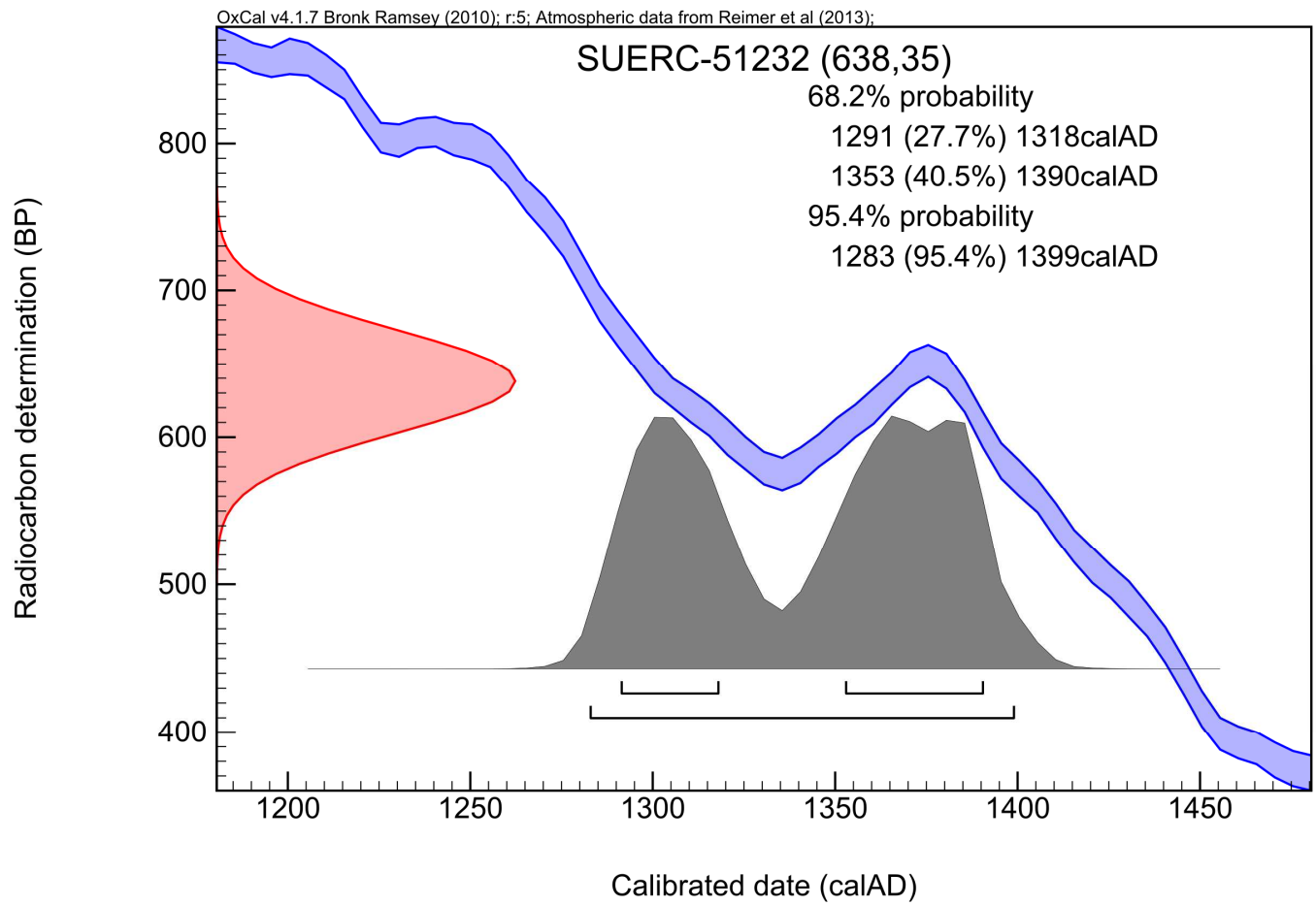
Conventional age and calibration age ranges calculated by :- *E. Dunbar*

Date :- 03/04/2014

Checked and signed off by :- *N. Russell*

Date :- 03/04/2014

Calibration Plot





RADIOCARBON DATING CERTIFICATE

03 April 2014

Laboratory Code SUERC-51233 (GU33006)

Submitter Jane Harrison
University of Oxford
Department for Continuing Education
Rewley House, 1 Wellington Square
Oxford, OX1 2JA

Site Reference EOXP TP72
Context Reference TP72 (103)
Sample Reference SK1

Material bone : human digit

$\delta^{13}\text{C}$ relative to VPDB -19.9 ‰
 $\delta^{15}\text{N}$ relative to air 12.3 ‰
C/N ratio (Molar) 3.3

Radiocarbon Age BP 736 \pm 35

N.B. 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.

The calibrated age ranges are determined from the University of Oxford Radiocarbon Accelerator Unit calibration program (OxCal4).

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 :- *E. Dunbar*

Date :- 03/04/2014

Checked and signed off by :- *N. Russell*

Date :- 03/04/2014

Calibration Plot

