

RADIOCARBON DATING CERTIFICATE

17 December 2019

Laboratory Code SUERC-90869 (GU53567)

Submitter Kristian Strutt
University of Southampton
Dept of Archaeology
Highfield
Southampton
SO17 1BF

Site Reference Tidgrove Warren Farm

Context Reference 021

Sample Reference TGW05-R-001

Material Bone

$\delta^{13}\text{C}$ relative to VPDB -21.2 ‰

$\delta^{15}\text{N}$ relative to air 8.8 ‰

C/N ratio (Molar) 3.2

Radiocarbon Age BP 974 \pm 24

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD) and requires calibration to the calendar timescale. The error, 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.

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Laboratory and should be quoted as such in any reports within the scientific literature. The laboratory GU coding should also be given in parentheses after the SUERC code.

Detailed descriptions of the methods employed by the SUERC Radiocarbon Laboratory can be found in Dunbar et al. (2016) *Radiocarbon* 58(1) pp.9-23.

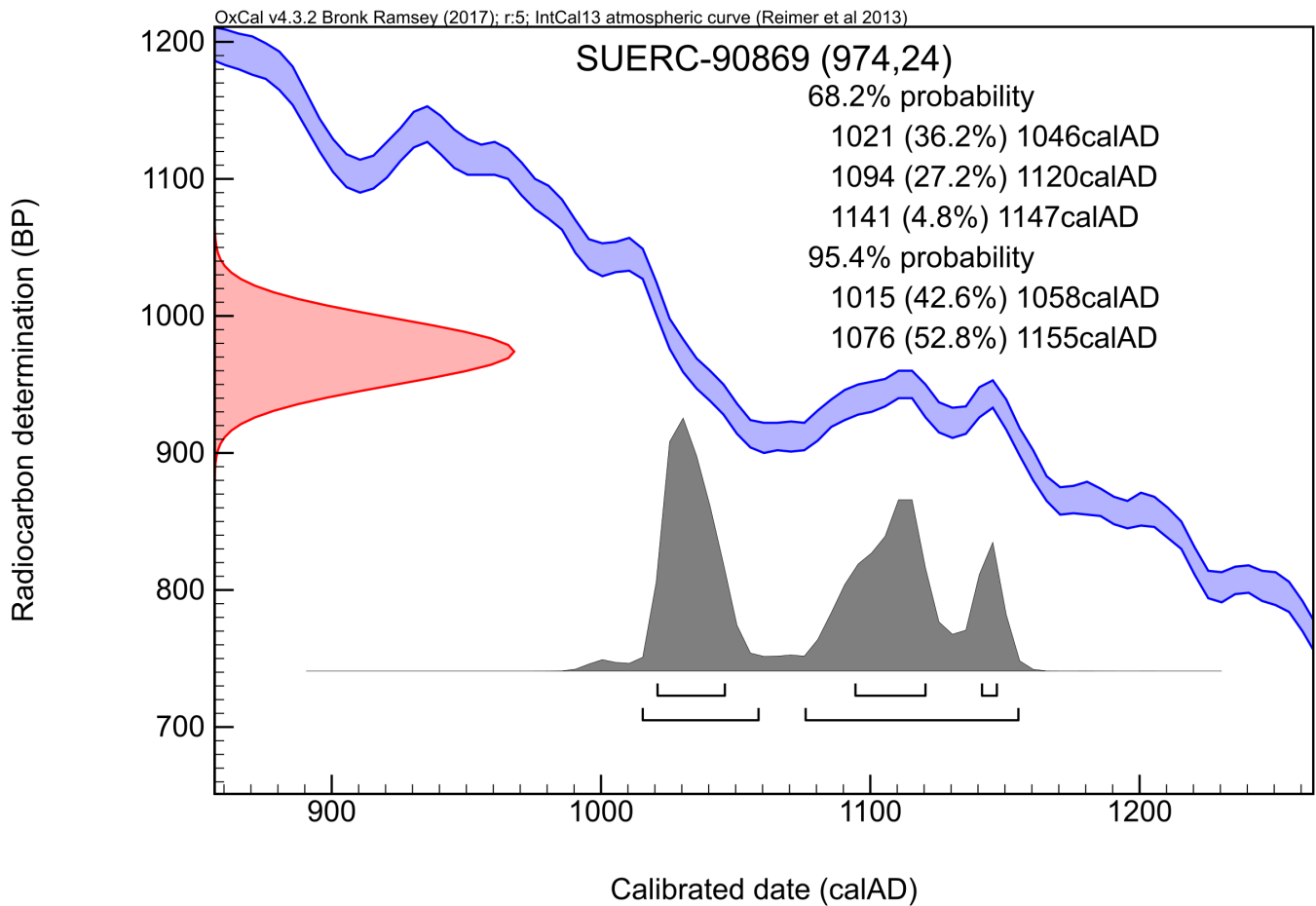
For any queries relating to this certificate, the laboratory can be contacted at suerc-c14lab@glasgow.ac.uk.

Conventional age and calibration age ranges calculated by :



Checked and signed off by :





The radiocarbon age given overleaf is calibrated to the calendar timescale using the Oxford Radiocarbon Accelerator Unit calibration program OxCal 4.*

The above date ranges have been calibrated using the IntCal13 atmospheric calibration curve†

Please contact the laboratory if you wish to discuss this further.

* Bronk Ramsey (2009) *Radiocarbon* 51(1) pp.337-60

† Reimer et al. (2013) *Radiocarbon* 55(4) pp.1869-87

RADIOCARBON DATING CERTIFICATE

17 December 2019

Laboratory Code SUERC-90870 (GU53568)

Submitter Kristian Strutt
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Site Reference Tidgrove Warren Farm

Context Reference N/A

Sample Reference TGW18-R-002

Material Charcoal

$\delta^{13}\text{C}$ relative to VPDB -25.5 ‰

Radiocarbon Age BP 3459 \pm 19

N.B. The above ^{14}C age is quoted in conventional years BP (before 1950 AD) and requires calibration to the calendar timescale. The error, 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.

Samples with a SUERC coding are measured at the Scottish Universities Environmental Research Centre AMS Laboratory and should be quoted as such in any reports within the scientific literature. The laboratory GU coding should also be given in parentheses after the SUERC code.

Detailed descriptions of the methods employed by the SUERC Radiocarbon Laboratory can be found in Dunbar et al. (2016) *Radiocarbon* 58(1) pp.9-23.

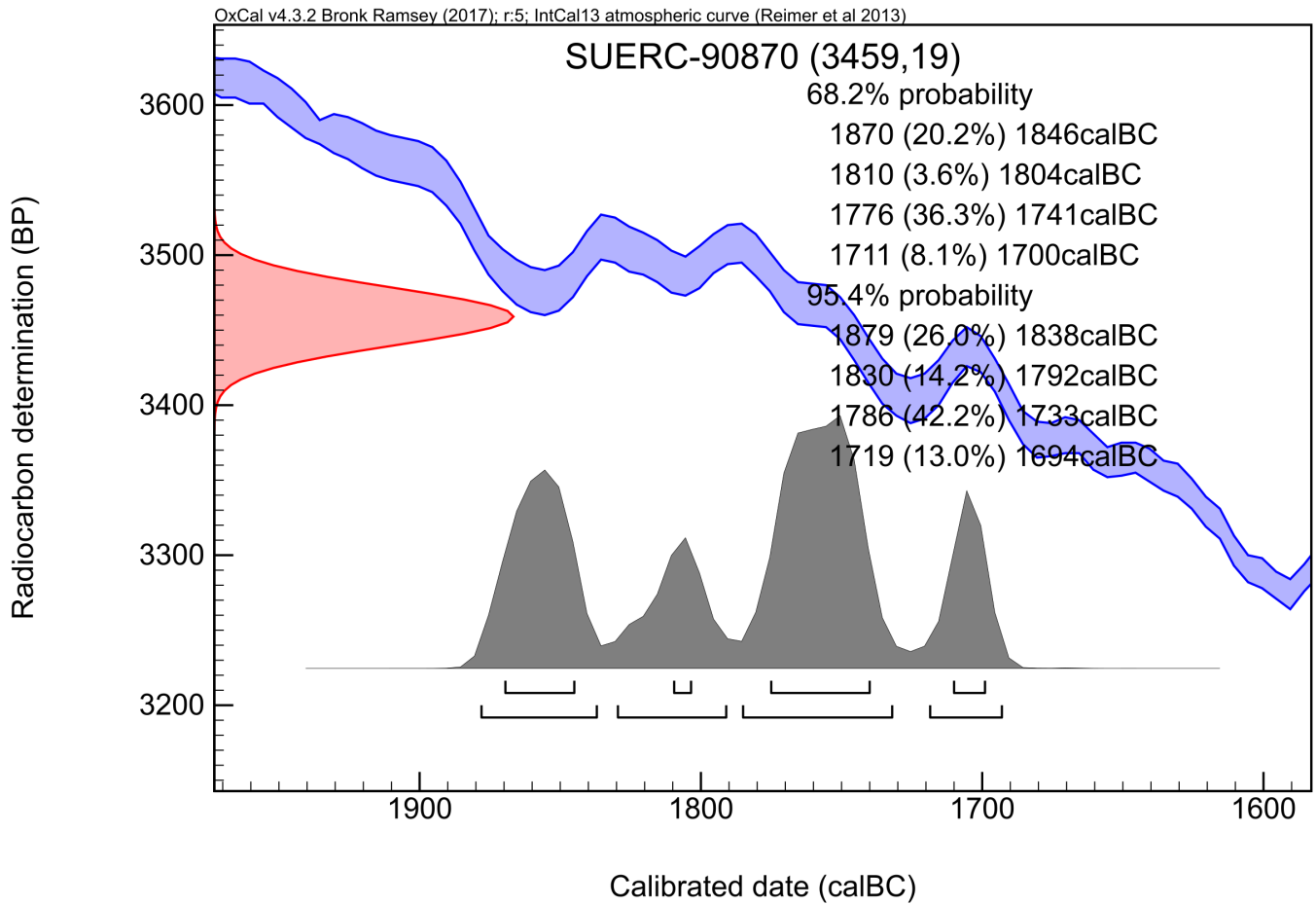
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