

Luminescence Dating Laboratory  
 Durham University  
 Archaeology II  
 South Road, Durham DH1 3LE, England

**THERMOLUMINESCENCE DATING REPORT**

LOW ACCURACY SURVEY TESTS

1. The results of the TL Survey tests on material that you have submitted to this laboratory are given below.

Your reference	Our reference	TL date (years)	
Harlow Temple, Code HT 89, UK. Pottery		AD	BC.
Sample #1 Context 585	Dur90TL147-1ASfg	510 140 AD ± 370	230
Sample #2 Context 588	Dur90TL147-2ASfg	390 10 BC ± 400	410
Sample #3 Context 588	Dur90TL147-3ASfg	410 10 AD ± 400	390
Sample #4 Context 588	Dur90TL147-4ASfg	300 125 BC ± 425	550
Sample #5 Context 601	Dur90TL147-5ASfg	70 590 BC ± 520	1110
Sample #6 Context 601	Dur90TL147-6ASfg	360 90 BC ± 450	540
Sample #7 Context 601	Dur90TL147-7ASfg	110 360 BC ± 470	830
Sample #9 Context 672	Dur90TL147-9ASfg	- 880 1600 BC ± 720	2320
Sample #10 Context 694	Dur90TL147-10ASfg	- 950 1690 BC ± 740	2430
Sample #11 Context 692	Dur90TL147-11ASfg	- 910 1640 BC ± 730	2370
Sample #12 Context 692	Dur90TL147-12ASfg	- 740 1420 BC ± 680	2100
Sample #13 Context 754	Dur90TL147-13ASfg	- 1050 1810 BC ± 760	2570
Sample #14 Context 699	Dur90TL147-14ASfg	- 920 1650 BC ± 730	2380

Av. 146 BC.

Av. 1635 BC.

The overall error is given at the 68% level of confidence. In publishing any of these results, the laboratory reference number and associated error should be given in addition to the date.

Unless you direct otherwise the above DurTL dates will be included in our published date lists.

We should be grateful if you would send us a copy or details of any publications in which our dates have been included.

M: 10 July 1990  
 Durham TL Dating Service

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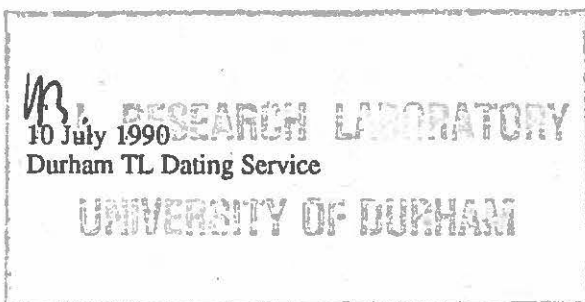
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Your reference	Our reference	TL date (years)
<b>Harlow Temple, Code HT 89, UK.</b>		
<b>Pottery</b>		
Sample #1 Context 585	Dur90TL147-1ASfg	140 AD $\pm$ 370
Sample #2 Context 588	Dur90TL147-2ASfg	10 BC $\pm$ 400
Sample #3 Context 588	Dur90TL147-3ASfg	10 AD $\pm$ 400
Sample #4 Context 588	Dur90TL147-4ASfg	125 BC $\pm$ 425
Sample #5 Context 601	Dur90TL147-5ASfg	590 BC $\pm$ 520
Sample #6 Context 601	Dur90TL147-6ASfg	90 BC $\pm$ 450
Sample #7 Context 601	Dur90TL147-7ASfg	360 BC $\pm$ 470
Sample #9 Context 672	Dur90TL147-9ASfg	1600 BC $\pm$ 720
Sample #10 Context 694	Dur90TL147-10ASfg	1690 BC $\pm$ 740
Sample #11 Context 692	Dur90TL147-11ASfg	1640 BC $\pm$ 730
Sample #12 Context 692	Dur90TL147-12ASfg	1420 BC $\pm$ 680
Sample #13 Context 754	Dur90TL147-13ASfg	1810 BC $\pm$ 760
Sample #14 Context 699	Dur90TL147-14ASfg	1650 BC $\pm$ 730

The overall error is given at the 68% level of confidence. In publishing any of these results, the laboratory reference number and associated error should be given in addition to the date.

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TL LABORATORY DATING REPORT

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LOW ACCURACY SURVEY TESTS

1. The results of the TL Survey tests on material that you have submitted to this laboratory are given below.

Your reference	Our reference	TL date (years)
Harlow Temple, Code HT 89, UK. Pottery		
Sample #7 Cntxt 601	Dur90TL147-7ASfg	200 BC $\pm$ 440
Sample #12 Cntxt 692	Dur90TL147-12ASfg	1370 BC $\pm$ 670

The overall error is given at the 68% level of confidence. In publishing any of these results, the laboratory reference number and associated error should be given in addition to the date.

Unless you direct otherwise the above DurTL dates will be included in our published date lists.

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*NR*  
15 March 1990  
Durham TL Dating Service

et al, 1986, Radiocarbon, v 28, p 911-934) and used by them in the construction of the recommended calibration curve (Stuiver & Pearson, 1986, Radiocarbon, v 28).

This result calibrates to a calendar range of 85 to 220 AD at the 68% confidence level and either 10 to 260 AD or 290 to 325 AD at the 95% confidence level, using the curve of Stuiver and Pearson (1986) as calculated by method B (probabilistic) of revision 2.0 of the University of Washington Quaternary Laboratory Radiocarbon Calibration Program (CALIB, published in Stuiver and Reimer, 1986, Radiocarbon, v 28). Calibrated dates are quoted in the form recommended in Mook (1986) and with the end points of the calibrated date ranges have rounded to the nearest 5 years. I enclose some brief notes on calibration which might be useful.

In quoting this result in publications you should include the BM reference number, the uncalibrated result BP (as given) and the Radiocarbon reference (obtainable from the Laboratory). When quoting calibrated figures give the date ranges with the appropriate confidence limits, the curve used, and the calibration method used.

I hope this is useful; if you have any queries please contact me (071 323 8332).

I will arrange for our accounts department to send you an invoice for the measurement.

Yours sincerely



Janet Ambers

1860 ± 60

BM-2749. Harlow Temple

d13C = -24.0 o/oo

Charcoal sample, ref HT89 601 1906, assoc with post hole structure believed to relate to post Roman squatter occupation of multi-period religious site (France & Gobel, 1985; Bartlett & Selkirk, 1988) at Riverway, Harlow, Essex (51° 50'N, 0° 10'E). Coll 1989 and subm by Richard Bartlett, Harlow Mus.

#### REFERENCES

Bartlett, R W and Selkirk, A 1988 The Harlow Celtic temple. *Current Archaeol*, 12, 163-166.

France, N and Gobel, B M 1985 The Romano-British Temple at Harlow, West Essex. *Archeol Group monograph*.

1860 ± 60

BM-2749. Harlow Temple

d13C = -24.0 ‰

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