

# DAYBREAK / Archaeometric Laboratory Services

50 Denison Drive Guilford, CT 06437 USA phone/fax: +1 (203) 453-3299/458-9395

## REPORT ON THERMOLUMINESCENCE AUTHENTICITY DATING

Of sample 982A2 , Obtained by VJB  
On 11/5/02 , At Daybreak  
Description of object from which sample was taken Ming-style glazed tile with painting  
of a woman in brown robe, 28.7 cm high.

Position of sample back top, in existing sample hole  
Other samples from this object none

A photograph of the object was available at the time of sampling and this was annotated with the sample number and signed.

## RESULT

Using standard methods and techniques, it is estimated that the material of this sample was last fired less than 130 years before the present date.

This result is considered ~~XXXXXXXX~~ inconsistent with the suggested date of the object concerned.

## SPECIAL COMMENT

The pre-dose technique was used to obtain this TL age. This object is of a soft terracotta, not a stoneware, as stated on the Oxford Authentications Ltd report.

Date 11/16/02

Signed



This report must bear the laboratory seal and the signature of V.J. Bortolot, Ph.D.

### Notes:

1. Unless a formal condition report was available at the time of sampling (and referenced above), the sample site or sites were chosen to be representative of the object by visual inspection on a 'best efforts' basis only. If the object has been restored, the component parts may differ in age. The result above refers only to the part(s) from which the sample(s) were taken.
2. The test made determines the date of last firing. If the object has been refired, this may be different from the date of manufacture. Likewise, if the object has been constituted in modern times out of material fired in antiquity, and not refired, this will be different from the date of manufacture of the present object. Please note also that where the result is presented as an upper limit to the age, the possible age range comprises the entire span from the upper limit stated up to the present day.
3. It has been assumed, in making this report, that the sample has not been exposed to irradiation with x-rays, gamma rays, or neutrons. This might cause the age found by TL to be greater than the actual age. However, unless so stated under "Special Comment", the measurements show no indication that such exposure has occurred.





982  
A  
2

**DAYBREAK / Archaeometric  
Laboratory Services**

Sample number 982A2

It has been determined by thermoluminescence  
dating that this object was last fired  
less than 130 years ago.

11/17/02

Date

Victor J. Bortolot, Ph.D.

**BORTOLOTT DAYBREAK CORPORATION**  
50 Denison Drive Guilford, CT 06437 USA  
phone/fax +1 (203) 453-3299/458-9395