

---

# Ancient TL

www.ancienttl.org · ISSN: 2693-0935

---

Agrawal, D., Bhandari, N., Lal, B. and Singhvi, A., 1981. *Physical research laboratory TL dates - 1981 (I)*. Ancient TL 5(1): 10. <https://doi.org/10.26034/la.atl.1981.045>

This article is published under a *Creative Commons Attribution 4.0 International* (CC BY):  
<https://creativecommons.org/licenses/by/4.0>



© The Author(s), 1981

# PHYSICAL RESEARCH LABORATORY TL DATES - 1981 (I)

D. P. Agrawal, N. Bhandari,  
B. B. Lal\* and A. K. Singhvi  
Physical Research Laboratory, Ahmedabad 380 009, India

Following are the results of the first TL dating project undertaken by the Physical Research Laboratory. The samples dated were from a Ramayana associated site, Sringaverapura (Allahabad). The dates were assayed using fine grain technique. The site and experimental details will be published elsewhere (Agrawal et al., 1981).

## References

D. P. Agrawal, N. Bhandari, B. B. Lal, and A. K. Singhvi, Proc. Ind. Acad. Sci. (E) in press, 1981.

SRINGAVERAPURA (Dist. Allahabad, 25°31'N., 82°E.)  
Pottery: Loc. Tr. SVP-1, Sq. YA-3, Qd-3

| Sample No.   | Layer | Culture                         | TL date<br>(B.P. years) | Archl. estimate<br>(B.P. years) | Radiocarbon dates<br>(B.P. years) |
|--------------|-------|---------------------------------|-------------------------|---------------------------------|-----------------------------------|
| PRL:TL:21    | 17    | Red Ware -<br>Pre-NBW           | 2660 $\pm$ 280          | 2700-3000                       | -                                 |
| PRL:TL:24(1) | 17    | Black and Red<br>Ware - Pre-NBW | 2769 $\pm$ 400          | 2700-3000                       | -                                 |
| PRL:TL:24(2) | 17    | Black and Red<br>Ware - Pre-NBW | 2690 $\pm$ 280          | 2700-3000                       | -                                 |
| PRL:TL:29    | 18    | Black Slipped<br>Ware - Pre-NBW | 2743 $\pm$ 300          | 2700-3000                       | 2700 $\pm$ 130 (PRL-669)          |
| -            | 19    | Black Slipped<br>Ware           | -                       | -                               | 2855 $\pm$ 200 (PRL-670)          |
| PRL:TL:33(1) | 19E   | Ochre Colour<br>Pottery - OCW   | 2900 $\pm$ 380          | Pre-3000                        | -                                 |
| PRL:TL:33(2) | 19E   | Ochre Colour<br>Pottery - OCW   | 2855 $\pm$ 270          | Pre-3000                        | -                                 |
| PRL:TL:38(1) | 19E   | Ochre Colour<br>Pottery - OCW   | 3015 $\pm$ 280          | Pre-3000                        | -                                 |

\*Radiocarbon dates are based on  $t_{1/2}=5730$  years and 1950 as the base year, while TL dates have the base year 1980. Thus there is a systematic difference of 30 years between TL and radiocarbon dates.

\* Indian Institute of Advanced Study  
Rashtrapati Nivas, Simla 5, India