

Calibration of Radiocarbon Age to Calendar Years

(High Probability Density Range Method (HPD): INTCAL13)

(Variables: $\delta^{13}\text{C} = -22.7$ o/oo)

Laboratory number **Beta-475821**

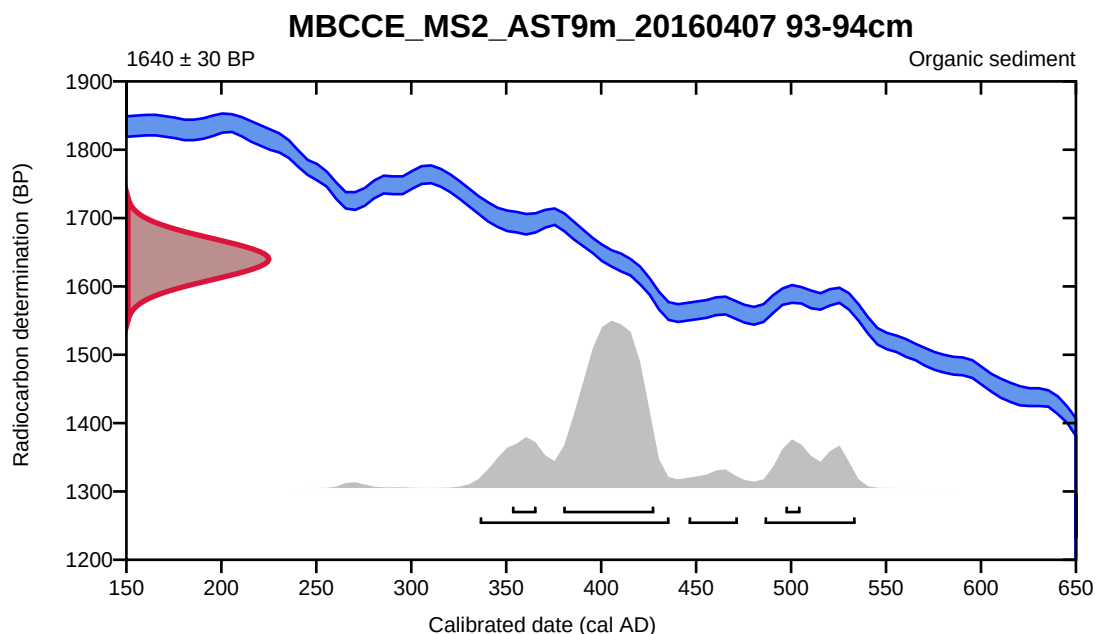
Conventional radiocarbon age **1640 $\pm$ 30 BP**

95.4% probability

(75.8%)	336 - 436 cal AD	(1614 - 1514 cal BP)
(15.9%)	486 - 534 cal AD	(1464 - 1416 cal BP)
(3.8%)	446 - 472 cal AD	(1504 - 1478 cal BP)

68.2% probability

(58.6%)	380 - 428 cal AD	(1570 - 1522 cal BP)
(6%)	353 - 366 cal AD	(1597 - 1584 cal BP)
(3.6%)	497 - 505 cal AD	(1453 - 1445 cal BP)



Database used
INTCAL13

References

References to Probability Method

Bronk Ramsey, C. (2009). Bayesian analysis of radiocarbon dates. Radiocarbon, 51(1), 337-360.

References to Database INTCAL13

Reimer, et.al., 2013, Radiocarbon55(4).