

Radiocarbon Dating Laboratory

The Australian National University

¹⁴C results

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S-ANU#	Sample Name	Other ID	$\delta^{13}\text{C}$	±	Percent Modern Carbon (pMC)	±	D14C	±	¹⁴ C age	±
35109	Dundee Beach Swivel Gun	10575	-20	2	105.26	0.38	52.6	3.8	>MODERN	

PLEASE CITE this manuscript when reporting data from the ANU Radiocarbon Dating Centre. S.J. Fallon, L.K. Fifield, J.M. Chappell, (2010) The next chapter in radiocarbon dating at the Australian National University: Status report on the single stage AMS, Nuclear Instruments and Methods in Physics Research B 268 898-901.

1) $\delta^{13}\text{C}$ values are the AMS machine quoted values and are used to correct the age. They can differ from IRMS results.

2) The quoted age is in radiocarbon years using the Libby half life of 5568 years and following the conventions of Stuiver and Polach (Radiocarbon, v. 19, p.355, 1977).

3) Radiocarbon concentration is given as percent Modern Carbon and conventional radiocarbon age.

4) Sample preparation backgrounds have been subtracted, based on measurements of samples of ¹⁴C-free CO₂.