

LATEST DATE



Australian
Archaeological
Association

Radiocarbon... Accelerator Mass Spectrometry... Optically Stimulated Luminescence...
Thermoluminescence... potassium Argon... Amino Acid Racemization... Dendrochronology...

Site Name: Petermarer Creek		Site Type: Isolated Find		Date: 2202 ± 34 BP (Wk 35956)	
Site Location		Traditional Owner Group			
Pilbara, Western Australia		Ngarla Native Title Claimant Group			
691227 mE	7740077 mN				
Abydos Plain, 20km east of Port Hedland					
Sample /Weight		Dating Method		Lab Code/Lab/ Date	
Baler (Melo sp.) fragment (40g)		Radiocarbon - standard		Wk 35956 Waikato NZ/2012	
Sample No/Provenance		Result			
PC-1 Baler fragment isolated find c. 30m west of grinding patch site		IRMS δ 13C	14C Age (Years BP)	Calibrated Age BP (68.2% Probability)	Calibrated Age BP (95.4% Probability)
		0.8 ± 0.2%	2202 ± 34	1800 - 1661	1845 - 1607
		Calibration Ref: OxCal v4 2.2 Bronk Ramsey 2013			
Interpretation		Other information (section drawing, photos etc)			
<p>Modern shoreline is some 16km north. No other associated archaeological material. Closest recorded site has three parallel deeply grooved grinding patches. Fragment is interpreted as remnant of baler shell carrying dish. Radiocarbon dated following discussion with TOs.</p>					
Pre-treatment/Other sample details		Other dates from same site ?		YES <input type="checkbox"/> NO <input checked="" type="checkbox"/>	
<p>Cleaned, washed in ultrasonic bath. Tested for recrystallization: Acid washed using 2M dil HCl for 120 seconds, rinsed and dried</p>					
Reference					
<p>Final Report Work Area Heritage Assessment of nominated areas within Pilbara Logistics Tenement E45/3612, Pilbara, Western Australia. Report prepared by Big Island Research 2012.</p>					