



INSTITUTE OF APPLIED SCIENCE OF VICTORIA

Science Museum — Planetarium — Observatory — Radiocarbon Dating Laboratory

ESTABLISHED 1870

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IN REPLY PLEASE QUOTE:

Radiocarbon Dating Laboratory

304-328 SWANSTON STREET

MELBOURNE, C.1

VICTORIA, AUSTRALIA

28th. November, 1966

REPORT ON RADIOCARBON MEASUREMENT

FOR: Dr. G. Reber,
C.S.I.R.O.,
Stowell Avenue,
Hobart, Tasmania.

SAMPLE COLLECTED BY: G.Reber

LABORATORY REFERENCE
NUMBER: V-19.

DESCRIPTION OF SAMPLE
AND SITE: Charcoal from base of wind-eroded
midden about 2 mi S of Arthur River,
Tasmania. Site 7B.

SAMPLE PRETREATMENT: Hydrochloric acid

REFERENCE STANDARD
AND ERRORS: Age calculation has been based on
the C¹⁴ half-life of 5568 yr and uses
a reference activity of 0.950 NBS
oxalic acid standard.

The quoted uncertainty in the age (one
standard deviation) is derived from
the counting statistics and does not
include the uncertainty in the half-life
figure. No correction has been made
for isotopic fractionation of the
sample.

AGE IN YEARS BP
(BEFORE AD 1950): 1560 \pm 70

AGE IN YEARS AD/BC: AD 390 \pm 70

NOTE: The quoted error of \pm 70 yr reflects
the precision of counting. In using
this date the error should be widened
to \pm 110 yr to allow for error due to
the de Vries effect.

Invoice no: IAS/1873

(A. Bermingham)