Dr. John Carrott

Report Date: 12/20/2005

Palaeoecology Research Services

Material Received: 12/12/2005

Sample Data	Measured Radiocarbon Age	13C/12C Ratio	Conventional Radiocarbon Age(*)
Beta - 211629	2790 +/- 60 BP	-27.8 o/oo	2750 +/- 60 BP
SAMPLE : NQ05F4C1010			
ANALYSIS : Radiometric-Priority delivery (bulk low carbon analysis on sediment)			
MATERIAL/PRETREATMENT : (organic sediment): acid washes			
2 SIGMA CALIBRATION : Cal BC 1020 to 800 (Cal BP 2970 to 2760)			
Beta - 211630	2530 +/- 70 BP	-28.2 o/oo	2480 +/- 70 BP
SAMPLE : NQ05F6C1018			
ANALYSIS : Radiometric-Priority delivery (bulk low carbon analysis on sediment)			
MATERIAL/PRETREATMENT : (organic sediment): acid washes			
2 SIGMA CALIBRATION : Cal BC 800 to 400 (Cal BP 2750 to 2350)			
Beta - 211631	3410 +/- 60 BP	-27.6 o/oo	3370 +/- 60 BP
SAMPLE : NQ05F7C1032			
ANALYSIS : Radiometric-Priority delivery (bulk low carbon analysis on sediment)			
MATERIAL/PRETREATMENT : (organic sediment): acid washes			
2 SIGMA CALIBRATION : Cal BC 1770 to 1520 (Cal BP 3720 to 3460)			
Beta - 211632	1650 +/- 60 BP	-27.8 o/oo	1600 +/- 60 BP
SAMPLE : NQ05F8C1027			
ANALYSIS : Radiometric-Priority delivery (bulk low carbon analysis on sediment)			
MATERIAL/PRETREATMENT : (organic sediment): acid washes			
2 SIGMA CALIBRATION : Cal AD 340 to 600 (Cal BP 1610 to 1350)			

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-27.8:lab. mult=1)

Laboratory number: **Beta-211629**

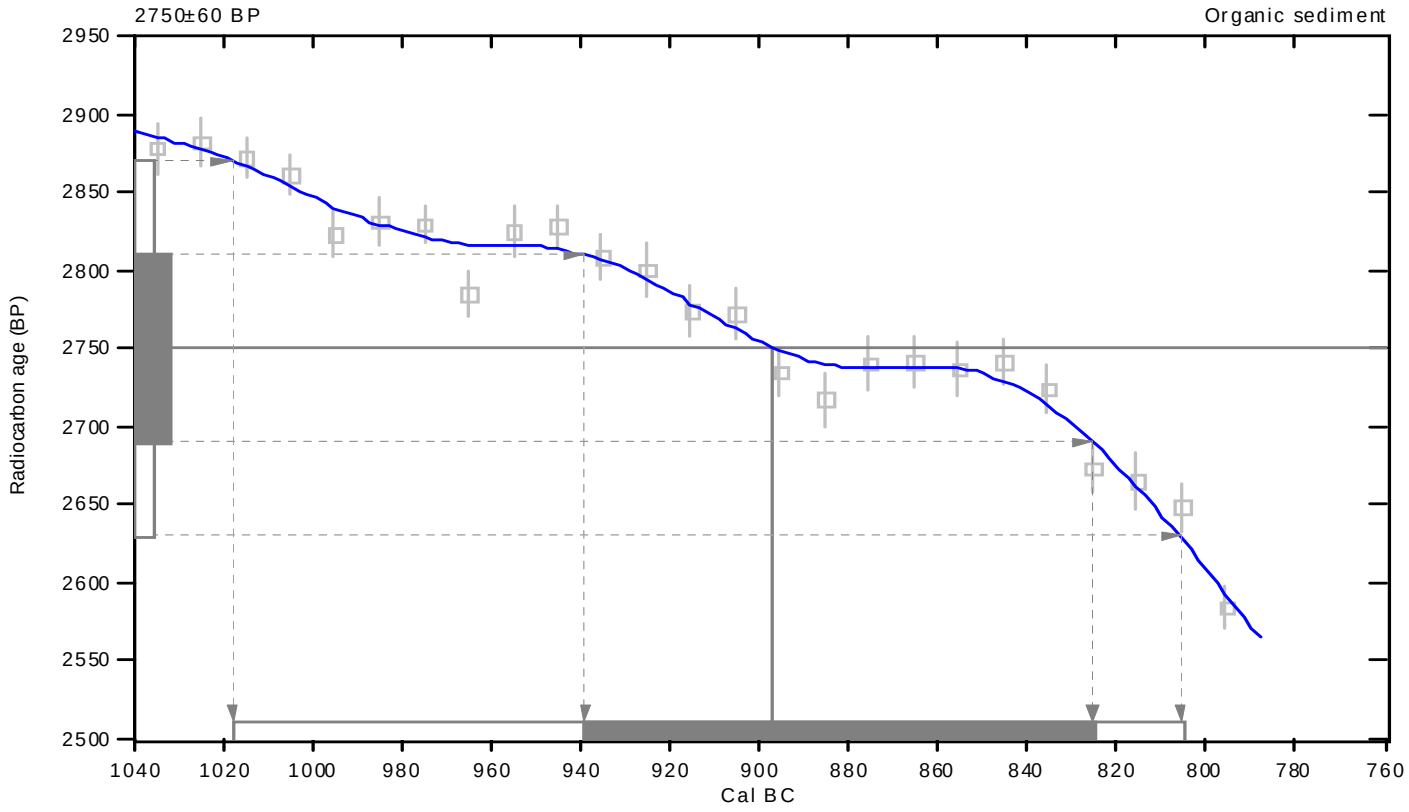
Conventional radiocarbon age: **2750±60 BP**

2 Sigma calibrated result: (95% probability) **Cal BC 1020 to 800 (Cal BP 2970 to 2760)**

Intercept data

Intercept of radiocarbon age with calibration curve: Cal BC 900 (Cal BP 2850)

1 Sigma calibrated result: (68% probability) Cal BC 940 to 820 (Cal BP 2890 to 2780)



References:

Database used

INTCAL98

Calibration Database

Editorial Comment

Stuiver, M., van der Plicht, H., 1998, Radiocarbon 40(3), pxii-xiii

INTCAL98 Radiocarbon Age Calibration

Stuiver, M., et. al., 1998, Radiocarbon 40(3), p1041-1083

Mathematics

A Simplified Approach to Calibrating C14 Dates

Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2), p317-322

Beta Analytic Radiocarbon Dating Laboratory

4985 S.W. 74th Court, Miami, Florida 33155 • Tel: (305)667-5167 • Fax: (305)663-0964 • E-Mail: beta@radiocarbon.com

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-28.2:lab. mult=1)

Laboratory number: **Beta-211630**

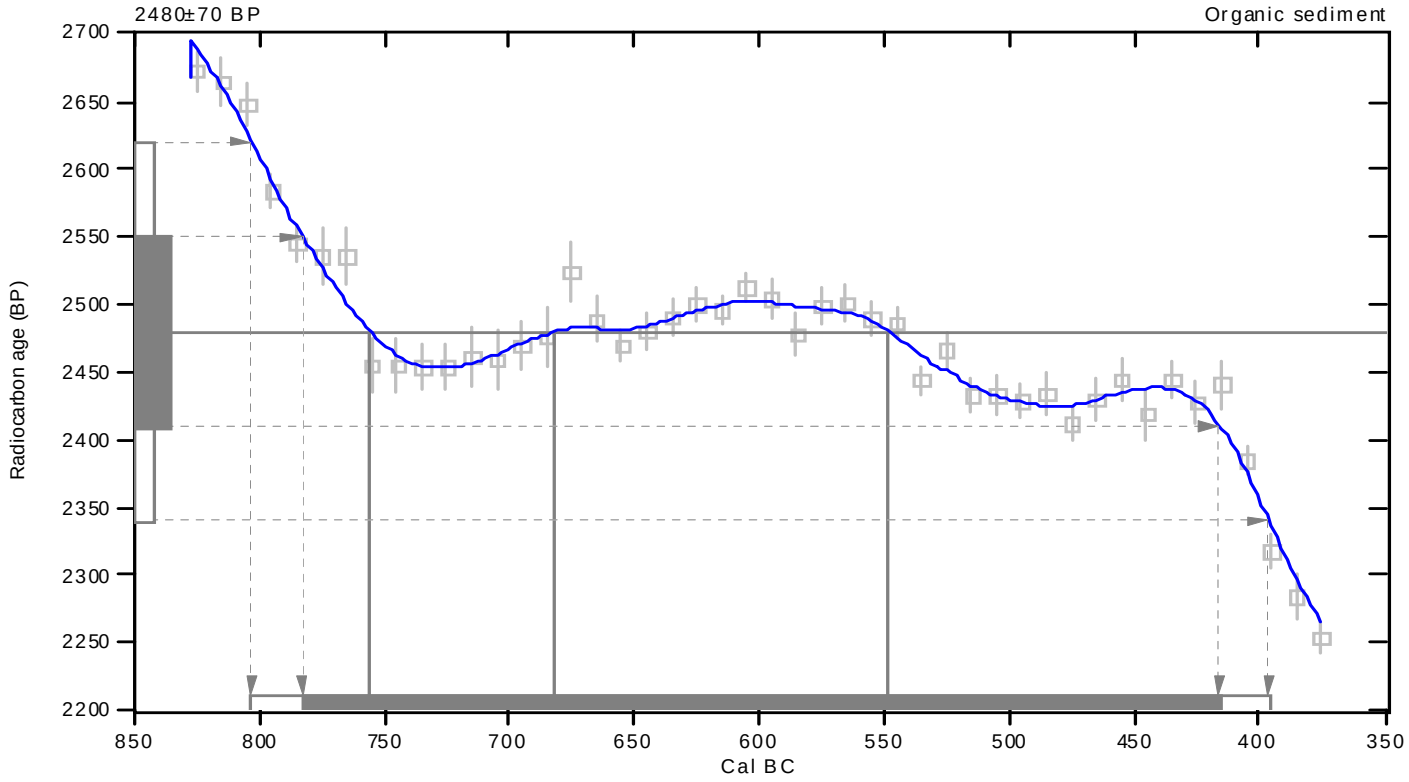
Conventional radiocarbon age: **2480±70 BP**

2 Sigma calibrated result: (95% probability) **Cal BC 800 to 400 (Cal BP 2750 to 2350)**

Intercept data

Intercepts of radiocarbon age with calibration curve: Cal BC 760 (Cal BP 2710) and Cal BC 680 (Cal BP 2630) and Cal BC 550 (Cal BP 2500)

1 Sigma calibrated result: (68% probability) Cal BC 780 to 420 (Cal BP 2730 to 2370)



References:

Database used

INTCAL98

Calibration Database

Editorial Comment

Stuiver, M., van der Plicht, H., 1998, Radiocarbon 40(3), pxii-xiii

INTCAL98 Radiocarbon Age Calibration

Stuiver, M., et. al., 1998, Radiocarbon 40(3), p1041-1083

Mathematics

A Simplified Approach to Calibrating C14 Dates

Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2), p317-322

Beta Analytic Radiocarbon Dating Laboratory

4985 S.W. 74th Court, Miami, Florida 33155 • Tel: (305)667-5167 • Fax: (305)663-0964 • E-Mail: beta@radiocarbon.com

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-27.6:lab. mult=1)

Laboratory number: **Beta-211631**

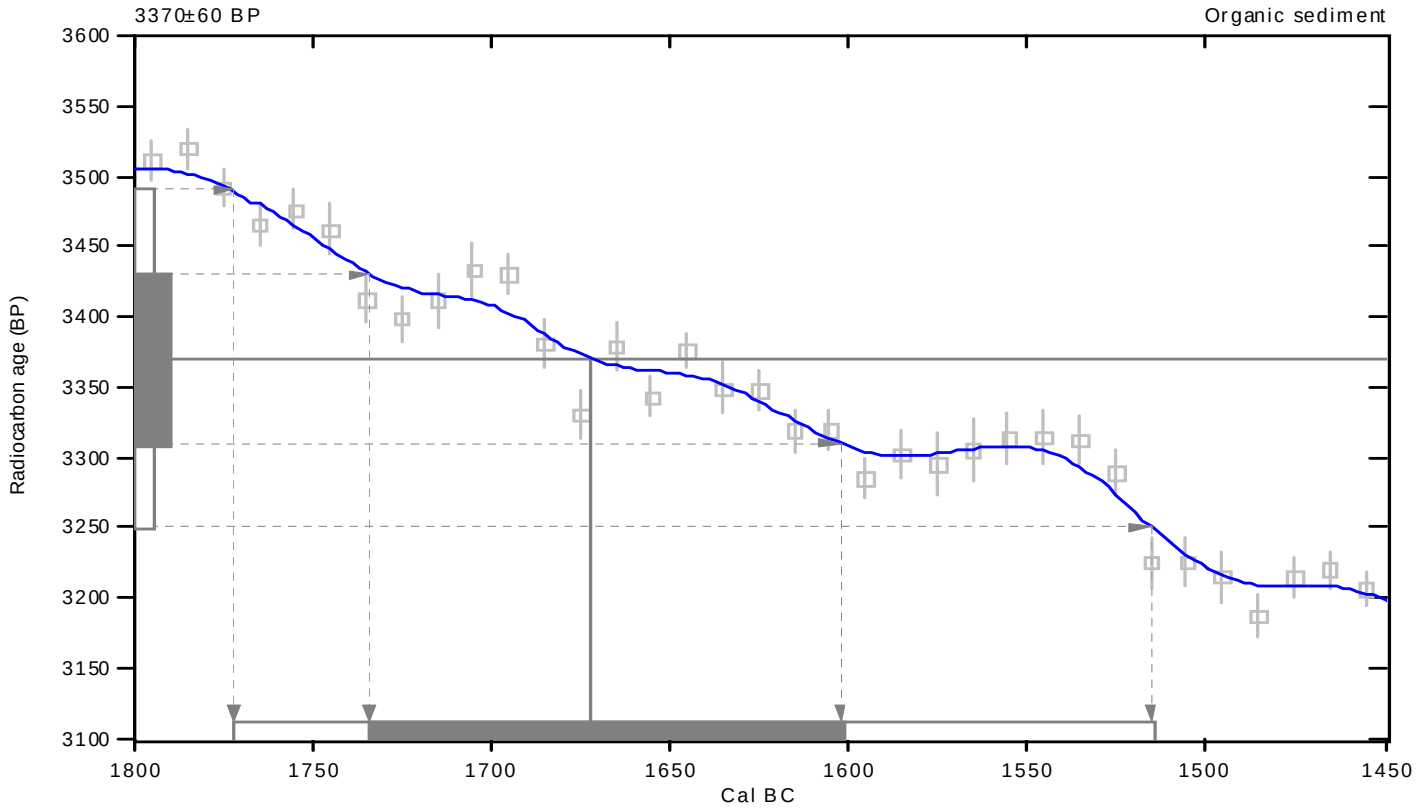
Conventional radiocarbon age: **3370±60 BP**

2 Sigma calibrated result: (95% probability) **Cal BC 1770 to 1520 (Cal BP 3720 to 3460)**

Intercept data

Intercept of radiocarbon age with calibration curve: Cal BC 1670 (Cal BP 3620)

1 Sigma calibrated result: (68% probability) Cal BC 1730 to 1600 (Cal BP 3680 to 3550)



References:

Database used

INTCAL98

Calibration Database

Editorial Comment

Stuiver, M., van der Plicht, H., 1998, Radiocarbon 40(3), pxii-xiii

INTCAL98 Radiocarbon Age Calibration

Stuiver, M., et. al., 1998, Radiocarbon 40(3), p1041-1083

Mathematics

A Simplified Approach to Calibrating C14 Dates

Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2), p317-322

Beta Analytic Radiocarbon Dating Laboratory

4985 S.W. 74th Court, Miami, Florida 33155 • Tel: (305)667-5167 • Fax: (305)663-0964 • E-Mail: beta@radiocarbon.com

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-27.8:lab. mult=1)

Laboratory number: **Beta-211632**

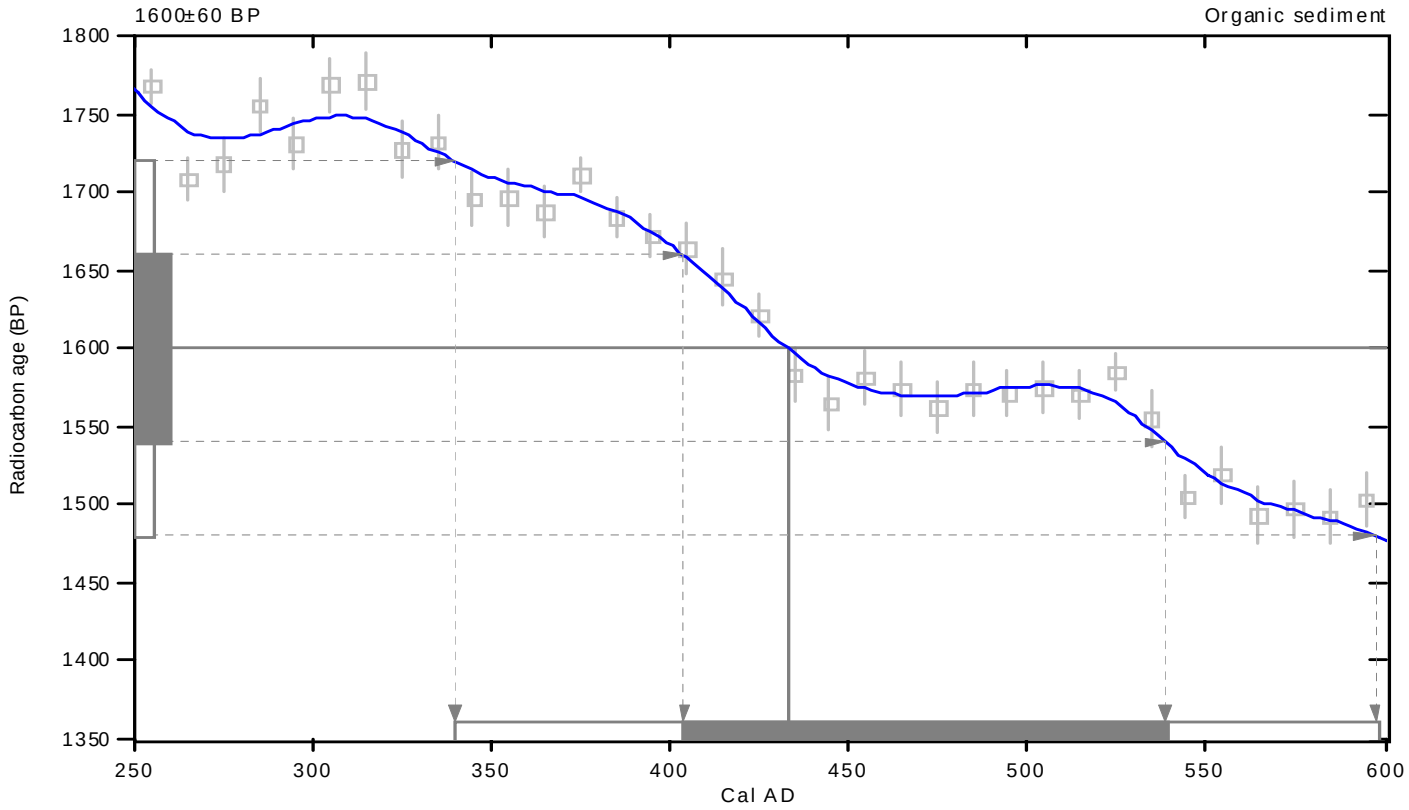
Conventional radiocarbon age: **1600±60 BP**

2 Sigma calibrated result: (95% probability) **Cal AD 340 to 600 (Cal BP 1610 to 1350)**

Intercept data

Intercept of radiocarbon age with calibration curve: Cal AD 430 (Cal BP 1520)

1 Sigma calibrated result: (68% probability) Cal AD 400 to 540 (Cal BP 1550 to 1410)



References:

Database used

INTCAL98

Calibration Database

Editorial Comment

Stuiver, M., van der Plicht, H., 1998, Radiocarbon 40(3), pxii-xiii

INTCAL98 Radiocarbon Age Calibration

Stuiver, M., et. al., 1998, Radiocarbon 40(3), p1041-1083

Mathematics

A Simplified Approach to Calibrating C14 Dates

Talma, A. S., Vogel, J. C., 1993, Radiocarbon 35(2), p317-322

Beta Analytic Radiocarbon Dating Laboratory

4985 S.W. 74th Court, Miami, Florida 33155 • Tel: (305)667-5167 • Fax: (305)663-0964 • E-Mail: beta@radiocarbon.com