FROM: Darden Hood, Director (mailto:mailto:dhood@radiocarbon.com)
(This is a copy of the letter being mailed. Invoices/receipts follow only by mail.)

April 26, 2007

Dr. Aidan Burford
Archer CRM Partnership
11308-100th Ave
Port St. John, BC V1J 1Z9
Canada

RE: Radiocarbon Dating Result For Sample SFB005

Dear Mr. Burford:

Enclosed is the radiocarbon dating result for one sample recently sent to us. It provided plenty of carbon for an accurate measurement and the analysis proceeded normally. As usual, the method of analysis is listed on the report sheet and calibration data is provided where applicable.

As always, no students or intern researchers who would necessarily be distracted with other obligations and priorities were used in the analysis. It was analyzed with the combined attention of our entire professional staff.

If you have specific questions about the analyses, please contact us. We are always available to answer your questions.

The cost of the analysis was charged to the VISA card provided. A receipt is enclosed. Thank you. As always, if you have any questions or would like to discuss the results, don't hesitate to contact me.

Sincerely,

Dr. Aidan Burford

Report Date: 4/26/2007

Archer CRM Partnership

Material Received: 4/5/2007

Sample Data	Measured Radiocarbon Age	13C/12C Ratio	Conventional Radiocarbon Age(*)
Beta - 229461	8750 +/- 60 BP	-23.5 o/oo	8770 +/- 60 BP

SAMPLE : SFB005
ANALYSIS : AMS-ADVANCE delivery
MATERIAL/PRETREATMENT : (charred material): acid/alkali/acid
2 SIGMA CALIBRATION : Cal BC 8180 to 8110 (Cal BP 10130 to 10060) AND Cal BC 8090 to 8070 (Cal BP 10040 to 10020) Cal BC 8060 to 8040 (Cal BP 10010 to 9990) AND Cal BC 7990 to 7600 (Cal BP 9940 to 9550)

CALIBRATION OF RADIOCARBON AGE TO CALENDAR YEARS

(Variables: C13/C12=-23.5:lab. mult=1)

Laboratory number: **Beta-229461**

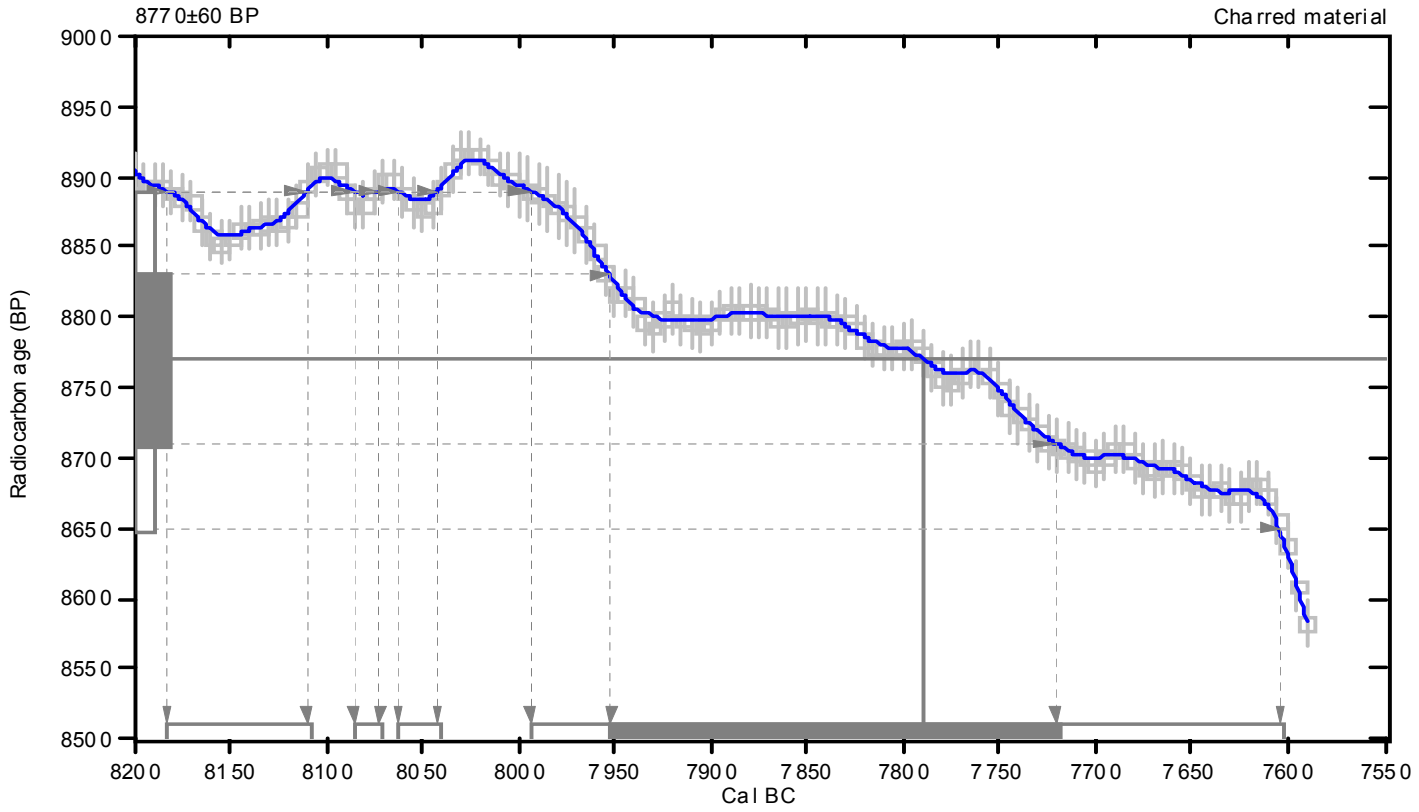
Conventional radiocarbon age: **8770±60 BP**

2 Sigma calibrated results: **Cal BC 8180 to 8110 (Cal BP 10130 to 10060) and**
(95% probability) **Cal BC 8090 to 8070 (Cal BP 10040 to 10020) and**
Cal BC 8060 to 8040 (Cal BP 10010 to 9990) and
Cal BC 7990 to 7600 (Cal BP 9940 to 9550)

Intercept data

Intercept of radiocarbon age with calibration curve: Cal BC 7790 (Cal BP 9740)

1 Sigma calibrated result: Cal BC 7950 to 7720 (Cal BP 9900 to 9670)
(68% probability)



References:

Database used

INTCAL04

Calibration Database

INTCAL04 Radiocarbon Age Calibration

IntCal04: Calibration Issue of Radiocarbon (Volume 46, nr 3, 2004).

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

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