



United States
Department of
Agriculture

Forest
Service

Forest
Products
Laboratory

One Gifford Pinchot Dr.
Madison, WI 53705-2398

File Code: 4700

Date: February 27, 1995

Mr. Greg Adams
Cannon Structures, Inc.
Trestlewood Division
P.O. Box 1728
Provo, UT 84603-1728

Dear Greg:

Enclosed are the x-ray analysis spectra for the ash from the four inside pile samples. The x-ray analyzer is a Tracor Northern model TN5500, and it is accessory to a JOEL model 840 scanning electron microscope. The spectra clearly show a large amount of chloride to be present along with sodium and lesser amounts of potassium, magnesium and sulfur. The sodium is on the edge of the detection window, and the peak area relative to chlorine is low. Potassium and magnesium occur naturally in wood. The sulfur may be a result of the lake environment, and most likely is present as sulfate in the ash.

These results confirm that most of the ash from the wood is derived from sodium chloride. If you have further questions, please give me a call at 608-231-9475. The total cost for these tests is \$40.00.

Sincerely yours,

Roger Pettersen

ROGER C. PETERSEN, Project Leader
Analytical Chemistry & Microscopy Laboratory





