



NTSB MEMORANDUM OF RECORD

Lynn Spencer
Air Safety Investigator
Eastern Region, Office of Aviation Safety (AS-ERA)
National Transportation Safety Board

NTSB Accident Number: ERA21LA132
Subject: Materials Lab Examination Email Summary
Date Email Received: Tuesday, August 10, 2021 1:27:12 PM

The following is a summary of an email report on the analysis of the substance recovered from the fuel of N8428J:

A sample of unknown material was submitted to the Materials Laboratory for examination. The tan granular solid was examined using an x-ray fluorescence (XRF) alloy analyzer. The testing results were as follows:

~68 % Silicon (Si)

~31 % Scandium (Sc)

~1% Iron (Fe)

The elements are often found in the minerals found in soil.

If you have any question, please let me know.

Nancy B McAtee
RE-30
Chemist