Frontier Analysis, Ltd

TECHNICAL SERVICE RESPONSE NO.: UT064

Subject: Analysis of a Specimen Suspected to be an Alien Implant

Date: April 9, 2009

Requested By: Vicki LeBlanc
MUFON Field Investigator
Wisconsin

Reported By: P. A. Budinger
Analytical Scientist

Background/Objective:

The background of this event as reported in an e-mail (4/4/2009) from Vicki LeBlanc follows. (It is slightly edited):

> "About 3 months ago, a "lifelong experiencer" submitted a specimen which she had removed from her ear with a Q-tip. Her ear had been causing her significant pain for several days prior to its removal. It is very small and looks like a sliver; the experiencer says that she could bend it but it wouldn't break. "Chuck" was unable to pick up any magnetic or RF frequencies being emitted."

The object is to determine if the specimen is an alien implant.

Conclusions:

- The specimen is not an alien implant. It is of plant origin and has a composition similar to a piece of wood, i.e. it is indeed a sliver. Specifically, it is composed of a major amount of carbohydrate, some protein type material and natural glycerol ester. A very small amount of silicate (dirt) is also present.

Procedure:

The sample was received on April 2, 2009. It was submitted wrapped in a small plastic sealable bag, which was inserted into a 2 ounce blue bottle.

Infrared spectra were obtained from the both sides of specimen. All spectra were taken on the Thermo Electron Avatar 360 spectrometer using the Smart Herrick

diamond sampling accessory. Photographs were also obtained from the Leica GZ6 stereomicroscope interfaced to a Canon A520 digital camera.

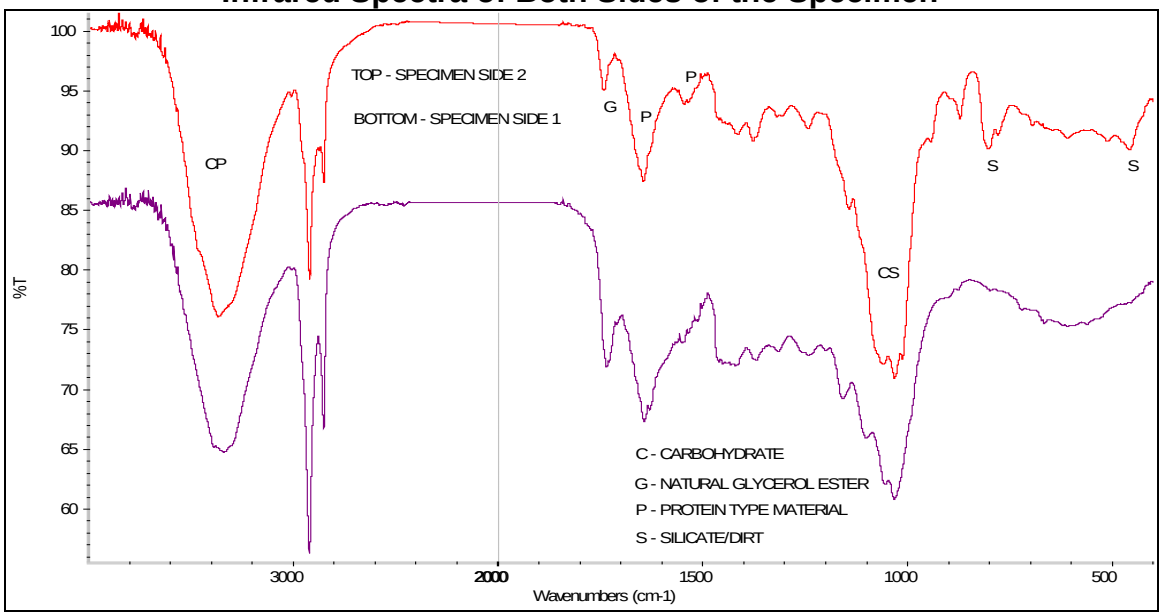
Results:

A microscope photograph shows the specimen is about 4.5 mm in length. The following figure shows the specimen on top of a ruler with mm division marks.

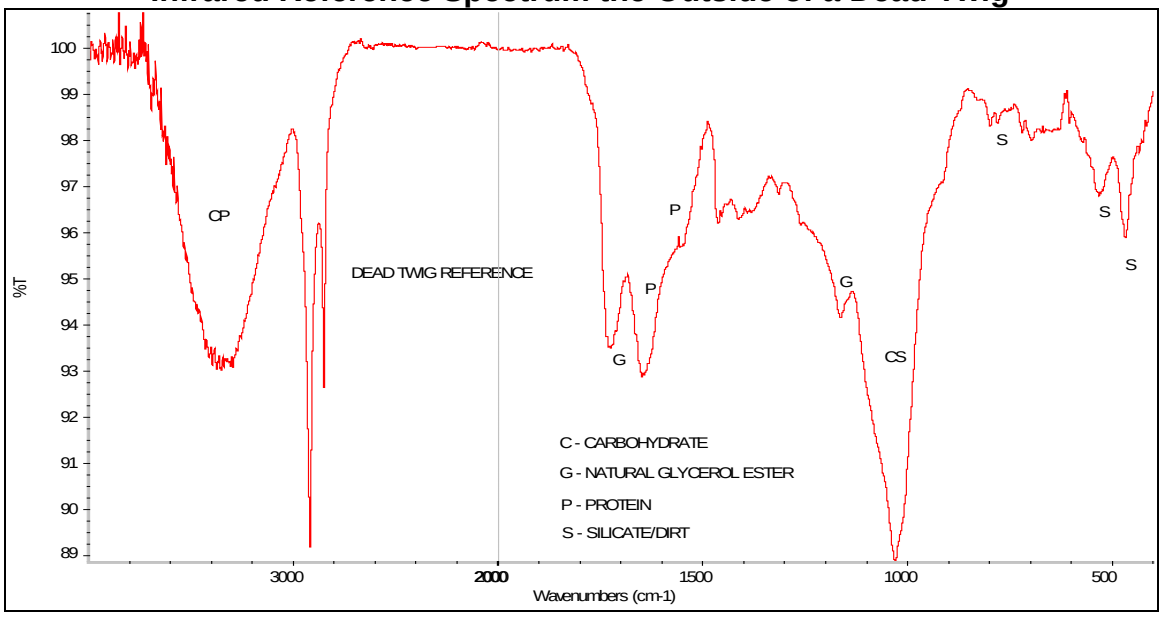
Infrared spectra acquired from both sides of the sample show primarily carbohydrate, some protein type material and natural esters. A small amount of silicate (dirt/soil) is indicated. The spectra compare very closely to a reference of the outside surface of a dead twig. In other words, the material is organic and indeed is a sliver.

Following are two spectra of the specimen. Below these is a reference spectrum of the outside surface of a dead twig for comparison.

Infrared Spectra of Both Sides of the Specimen



Infrared Reference Spectrum the Outside of a Dead Twig



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Phyllis A. Budinger