

MAJOR CONSTITUENTS

Iron (Fe)
Nickel (Ni)
Manganese (Mn)
Chromium (Cr)

MINOR CONSTITUENTS

Cobalt (Co)
Silicon (Si)
Magnesium (Mg)
Sulfur (S)
Potassium (K)

No traces were found of Aluminum (Al), Sodium (Na), Phosphorus (P) and Chlorine (Cl).

A small sample of the metal (.8 grams) was placed in a solution of Sulfuric and Nitric acids, full strength, for a period of two days. After the two-day period had ended, the residue of what was left of the metal was filtered through a Millipore Filter, and the filter and residue were stored in a closed plastic petri dish. After a time lapse of two days, it was noticed that a form of bacteria culture was growing on the filter paper and was apparently using it as its food source. It should be noted, however, that no conclusion can be drawn with regard to the influence of the metal on the culture growth. The Chemistry Lab., being geared for metallic compositions, has no means at the present to analyze the culture to determine the culture's composition.

The metal was found not to be very magnetic in nature. The consensus of opinion among those involved with the testing is that at one time the metal was subjected to a tremendous amount of heat.

This concludes Phase One of the tests carried out by the Chemistry Lab. The metal is now in the possession of the Metallurgy Dept. The findings of the Metallurgy Dept. will constitute Phase Two of the analyzation program. Metallurgy is now in the process of evaluating the metal; they have already determined that the hardness of the metal is B-92 Rockwell. Photomicrographs taken at magnifications ranging from 100x to 800x show that the "planes" of the metal did undergo a type of slippage such as the metal might receive if it underwent a severe impact or if the metal, being extremely hot, underwent a super cooling in a relatively short amount of time, or perhaps even a combination of the two aforesaid circumstances. The complete test results will be made known as soon as they are available. (Signed) Paul J.L. Rozich, UFORA Director.

It is interesting to note from this report that it confirms 3 of the repeated findings of earlier analyses: (1) that the metal at one time was subjected to a tremendous amount of heat; (2) that it underwent severe impact; and (3) the low magnetic nature of the metal. But perhaps the most significant finding of the report is, in fact, a non-finding, i.e., according to the major test conducted on the metal by the X-Ray Vacuum Quantometer, no traces were found of Aluminum, Calcium and Copper which normally, one would expect to find in a terrestrial alloy of Magnesium! Another intriguing feature is the strange formation of a bacteria culture on the filter paper. Could there possibly have been some element in the metal residue which stimulated this organic growth? We are not experts in this field (we are not experts period - merely sincere seekers of the truth) and possibly there is some perfectly mundane explanation for the bacteria growth in a sealed plastic dish, but while there is even a remote avenue of research open to us, we intend to follow it up even if it turns out to be a process of elimination. In the meantime, we would like to express our grateful thanks to the research workers of UFORA for their painstaking efforts and precious time so freely given in an endeavour to shed some new light on the dark mystery of the unidentified metal. We shall look forward, with eager interest, to their report on Phase Two, the findings of their Metallurgy Dept., appropriate details of which will be published at a later date.

According to an article which appeared in the Fall 1970 issue of Canadian UFO Report, Arthur Matthews, in conversation with the Editor, John Magor, stated that the scrap dealer who found the 2 chunks of metal on a shore of the St. Lawrence River, had admitted to him that he had removed them from the site of the old Quebec Bridge which collapsed in 1907 and that he towed them 20 miles to the beach near his home where he first reported to have found them. He said he'd been hesitant about telling the truth in case he was