

PHASE I

Listed below are the results gleaned from tests conducted by UFORAs Chemistry advisor and his associates on a sample of "Canada's Mystery Metal."

As soon as the metal was received attempts were made to obtain smaller samples from the larger piece of metal. First attempts were made to cut the metal with a Tungsten Carbide blade, but after five minutes, it was decided that this attempt was in vain. The next avenue of thought turned to using a diamond tipped powered saw. After 15 minutes of cutting time had elapsed, a small fragment was cut from the parent body. The piece was roughly triangular in shape with a thickness (point at which it was cut) of about three-thirty-seconds of an inch.

One of the major tests conducted on the metal was by the X-Ray Vacuum Quantometer, a non-destructive testing device. The findings of the Quantometer were as follows:

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, 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.