



METEORITE INVESTIGATIONS

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I now have classification of one of my new meteorite finds, and am able to present this material for distribution.

This new meteorite will be known as the Beaver, Oklahoma meteorite. I discovered it in the county jail in Beaver where it had been serving as a doorstop for some forty years. (No, I was not a guest in the jail.) It weighs 56.5 pounds (25.628 Kg), and only the one mass has been discovered.

The Beaver meteorite is classified as L5 chondrite. Its color is medium-gray with a blue-green cast. Metallic grains of nickel-iron are evident throughout the material, with scattered grains of troilite also present. A variety of chondrules ranging up to 7mm in diameter are present throughout the mass. Some chondrules show lineation, some show fracturing, some have a very high metal content, and some have begun to integrate with the matrix material. Patches of fusion crust remained on the main mass, and are therefore present on most of the slices.

The slices of Beaver that I have prepared are approximately 6.3mm thick, and range in size from 16cm x 13cm to 27cm x 18cm. All cut surfaces are beautifully finished and highly polished. The following whole slices are available: 280g, 344g, 396g, 482g, 541g, 575g, 608g, 628g, 655g, 674g, 689g, 722g and 798g. I will provide part-slices cut to your weight specification upon request. This material is available at U.S. \$1.25 per gram.

I look forward to adding to your private or professional collection.

Yours sincerely,

Jim Westcott

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