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Description

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Item specifics

Classified: UNCO Martian Dunite

There are those you say, "You can't tell a meteorite from a photograph!" It's wise not to, except if you know exactly what to look for. So, if you know what to look for, you've found it!!

This is a **4.032kg** specimen of a "**Provisional**" **UNCO Martian Dunite** from the **Uncompahgre Strewn Field of Western Colorado**. This, according to the record books, will be "**only the third recovered & identified "Martian Dunite" on planet Earth!** How cool is this?! (**Ref: Martian Chassignite & NWA 2737**).

Now, for those that could use a little help, how does one identify a **Martian Dunite**?

First, you look for **fusion crust**. This can be dark green, reddish-black, or blueish black.

Secondly, you will want to look for surface melt, especially when dealing with a stone that is **90% Olivine!** Olivine is a mafic (volcanic) *neosilicate* (magnesium iron silicate) that ranges from low-iron "*Forsterite*" and high-iron "*Fayalite*," which, at a temperature 1800 + degrees during it's atmospheric entry, is going to melt & ablate! We once came upon a "*meteoritic expert*" who claimed that, "*Meteorites don't melt!*" Please!! How then, are regmaglyph thumb prints formed? Notice the melt & thumb print in the photo?

Thirdly, you can't do this with the photograph, but you would take a good "rare earth magnet" and gently & quickly check for magnetism. Why gently & quickly? Analytic scientists would prefer that magnets not be used in close proximity of a main mass. This magnetism has a tendency to distort the original magnetic properties of the stone. It's even better to test the magnetism on a smaller pairing or a piece that is broken off from the main mass. This particular specimen has an iron-content in the range of "*Fayalite!*" **It is strongly magnetic!**

Fourthly, the "*pooling*" and "*melting*" of the neosilicate and metals suspended in the *Olivine* are easily seen with a gentle polishing on a small section of the specimen. This metal will primarily be *Chromite*, with traces & blebs of *Titanium* and *iron-oxides*.

Next, notice the number of "*impact fissures*" throughout the stone. This you can draw from the photograph. Impact fissures, in these numbers, and particularly if they are metal-filled fissures, do not occur in "terrestrial dunites!"

Finally, do your homework! Follow the science! Study, research, compare and then study, research and compare again! Remember, too, that not all information sources are up-to-date, credible or reliable!

This Martian meteorite is just too beautiful to cut! So we won't! But you can if you wish. At just \$1000.00 per gram, you might want to resell some exquisite slices, while retaining at least one slice for your collection and your retirement portfolio.

As always, **UNCO Meteorites** guarantees your satisfaction with this "**Provisional Martian Dunite**" 100%, or your money will be graciously returned. A "**Certificate of Authenticity & Provisional Certificate**" will accompany your purchase. Your purchase will also be insured & shipped with the greatest of

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