

DESCRIPTION OF TWO METEORITE FRAGMENTS

The surfaces of both stones are dark brown and pitted, with considerably more pits on the larger fragment. Some of the metallic particles peep through the oxidized coating probably because of abrasion on impact or handling since the fall. The interior is light and dark grey with a conglomeratic texture resembling 'pudding stone', and with brown spots near the iron. The light grey portions on a polished section are between one and two centimeters in length and about five millimeters in width. They stand out against the darker grey. The rock is friable and has been damaged by handling.

In a thin section from the smaller fragment, chondrules of radiating and fibrous enstatite have sharp contacts and are rounded but chondrules of olivine are more irregular and blend into a crystalline groundmass which is largely olivine. There is little or no glass. Some alteration to a colorless mineral with angular extinction has occurred along cleavage cracks of the olivine and in irregular patches. The iron is highly corroded where in contact with coarse olivine and forms fragments of shells on the periphery of olivine grains. This is also true of enstatite contacts but in a lesser degree. A section from the larger stone is nearly identical so both are probably fragments from one celestial body.

