

April 30, 1973

Mr. Oscar M. Monnig
29 Chelsea Drive
Fort Worth, Texas 76134

Dear Mr. Monnig:

Thank you for your letter of April 15 and for the check.

The Nazareth iron did not show any sign of a crack on its exterior before it was cut. When it was first plowed up, the farmer used it to tie his young dog to the concrete porch of his home. There were marks on the meteorite where it had been pushed or dragged across the concrete during most of one winter. The exterior looked as though some crust remained on it. After the iron had been indoors for a couple of months, the whole outside peeled off showing that it had been oxidized to a depth of about 1 to 3 mm. No alteration zone has been noted in any of the specimens. The crack which crosses your specimen extended from nearly one end of the meteorite to about one-half way through it. At this point it approaches the exterior and dies out. But another, less gaping crack running across the meteorite in the same general direction as the first, appeared in the next slice cut and runs into the body of the meteorite. Several smaller cracks running roughly at right angles to this second crack appear in some slices. The meteorite is supposed to contain about 8.75 per cent nickel.

Barwise is located about $1\frac{1}{2}$ miles east of the Floyd County line and about $10\frac{1}{2}$ miles due west of Floydada. The meteorite was found over the line in Hale County.

Thanks for the corrected weight on the Hawkins meteorite. I hope that you can at least get an end piece of it.

With best wishes,

Sincerely,

Glenn I Russ

GIH:mah