AMERICAN METEORITE LABORATORY
DEVOTED TO EDUCATIONAL METEORITICS
P. O. BOX 2098 • DENVER I, COLORADO

GLENN I HUSS, Director

H. H. NININGER, Consultant

May 26, 1965

Mr. Oscar Monnig
29 Chelsea Drive
Ft. Worth, Texas 76115

Dear Mr. Monnig:

I am sorry to be so long in answering your card of May 18 and letter of May 20.

I will be glad to polish and etch a surface on the iron about which you write. This will be a quick and inexpensive means of determining whether or not you have a new find or one of the old ones.

Regarding the exchange for a slice of the La Villa stone, I will be glad to give an equal weight of the two meteorites--Brownfield and Seminole--for the slice of the La Villa stone and you pay the cutting costs as you suggested. If there is any weight difference in the exchange, I will give slightly more than I receive. If this is satisfactory with you, it is with me.

I think your calculations are probably accurate. I haven't polished any area of the La Villa stone so don't know how much metal it contains, but 3.5 or 3.6 would be a good estimate of the specific gravity. I would guess that the first slice might weigh between 700 grams to 800 grams because of the extra material around the edges. It would be better to cut a little heavy than to cut close and find a surface flaw in the center of the slice which might break out in polishing, so the 1.5 cm. thickness of the highest edges which you anticipate would not be excessive. If the stone is as solid as it looks, .6 cm. would be adequate for the thickness of the second slice. A slice much thinner might not survive polishing.

Sincerely,

Glenn

Glenn I Huss

GIH:mah