

Boerne, Kendall County, Texas Meteorite

On a trip 1940 <sup>7-28</sup> with Mr. and Mrs. W. J. C. Weiss of San Antonio, we found ~~for~~ <sup>for</sup> ~~Schneider~~ <sup>Schneider</sup> easily and obtained from him for \$1.50 the following described specimen.

A broken fragment weighing 274.4 grams; one corner almost as square as that of a cube. The dimensions along these two sides in planes at right angles to each other are 7.3 and 5.5 cm. From these two corners there is a diagonal break, somewhat concave on the under side. The general thickness varies from 4 to 3 cm.

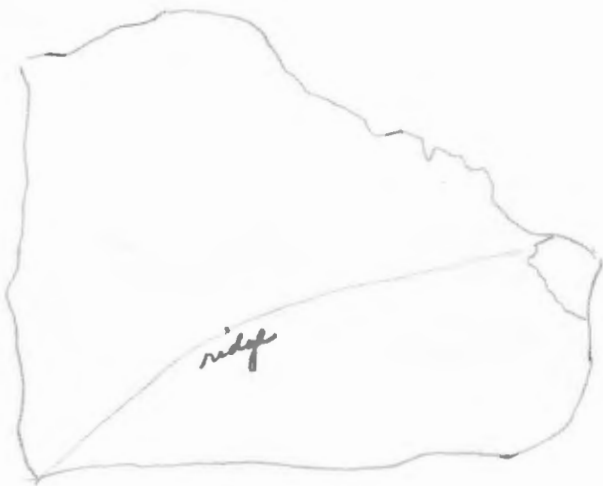
Regarding the piece as a broken and somewhat misshapen parallelepiped nearly rectangular in basic outline, the top consists in the main of two faces, each nearly flat and separated by a diagonal ridge. The two adjoining sides are at right angles to the generalized surface of this top and to each other. All 3 of these faces apparently were once originally encrusted, tho the smaller side face is difficult to diagnose, and was probably either secondary crust ~~or has been broken~~. All these 3 faces, especially the top and the longer adjoining side, have been vigorously worked <sup>(filed)</sup> on, removing practically all traces of the remaining old crust. The general "squarish" shape and the suspected secondary crust bespeak a stone which broke in the air and suggest the presence of more <sup>one to</sup> meteorites nearby; this piece must originally have weighed several pounds. The filed surfaces reveal a few light colored chondrules, all under 1 mm in diameter.

The bottom side apparently has a little crust near the square corner and at the pointed end, but the rest is a broken surface. The pointed end is practically at right angles and encrusted (tho filed on), and one break here suggests the presence of an outer, oxidized layer some 3 mm. thick, here spalled off in a semi-circular break some 12 mm in diameter. Adjoining the end with the secondary (?) crust is a surface from 1 cm. down in width, following the lines of a rectangular parallelepiped, perhaps encrusted, but from here to the "pointed end" there is a diagonal break, destroying all the rest of this face, most of the bottom, and most of the pointed end. All the breaks spoken of have apparently occurred after the rock reached the earth, and were probably made by man. The main break on the bottom of the rock is a concave, winding V.

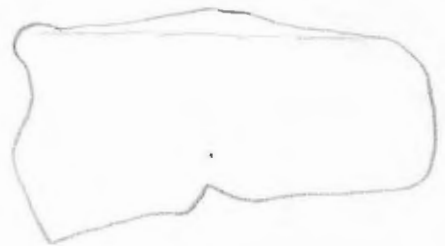
The stone is a medium brown, probably rendered somewhat lighter than originally by the filing work, revealing the limonitic crust; the interior is probably dark brown, mostly by oxidation; no fresh interior is exposed. The stone is moderately attracted by an Al-Ni-Co magnet, which will not lift it; the metal content is probably normal or somewhat less than average. Properly placed, the magnet will ~~drag~~ <sup>drag</sup> the stone on a floor.

The washed stone revealed more detail, especially on the broken bottom, where one yellowish enstatite chondrule about 2½ mm. in diam. appeared. The valley of the V seemed to contain a darker, greenish-black ore-like material, very dense. The suspected crustal areas mentioned above are all confirmed.

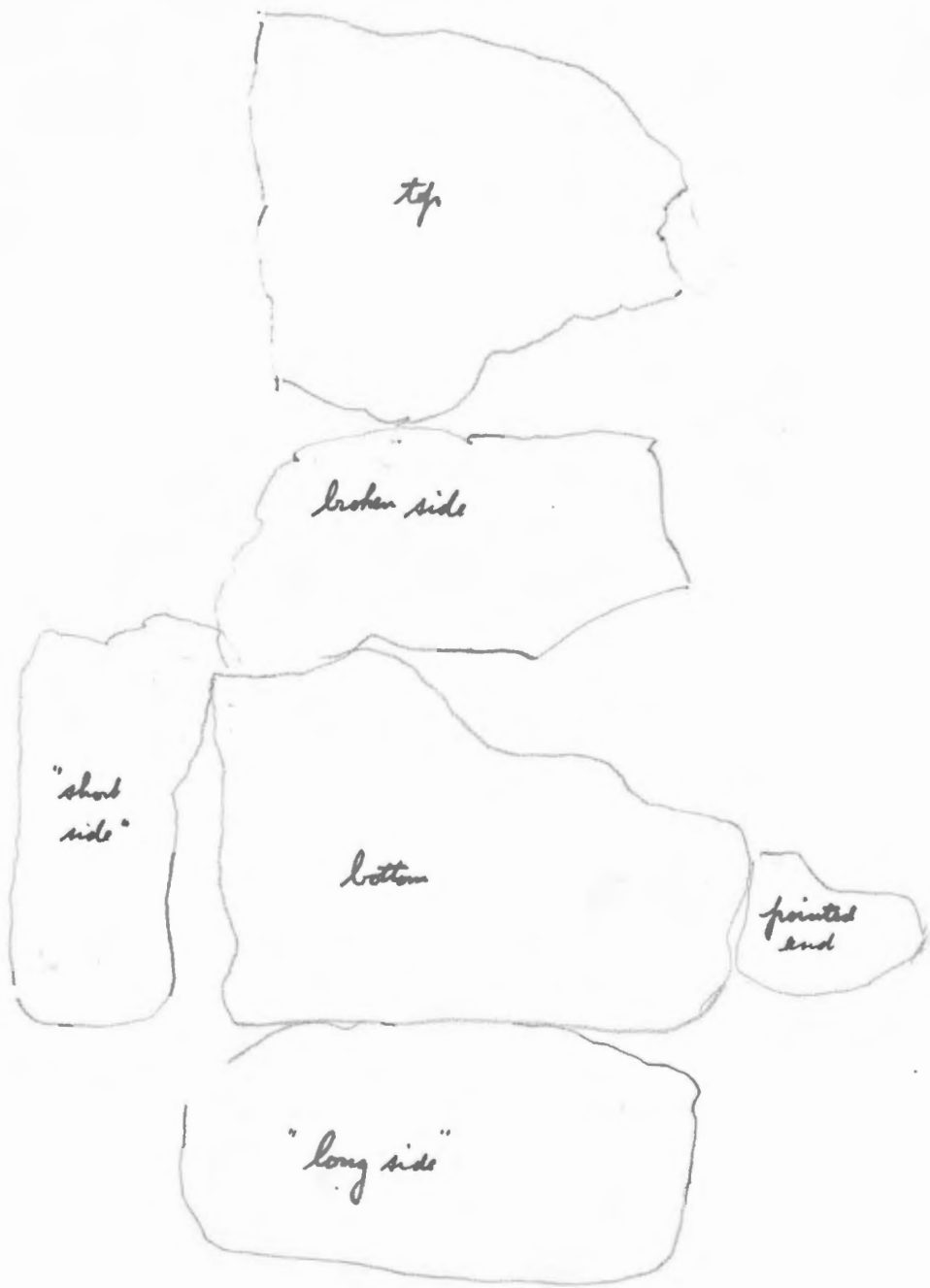
*top view*



*side view*



*end view*



mailed Del Rio

1939 4-11 9pm

The old stones found some years ago--do you know whose farm they are probably on, and could they be found now?

Give name and address of your acquaintance who believes he has a meteorite or some pieces.

Which way do you live from Boerne and how far? How is the best way to get to your place?

Take the upper Kandalaria road till you come to the first three mail boxes on the left after crossing the river. There will be two gates across from the mail boxes. My gate is plainly marked.

Any other information:

as far as the information above it would be more easily explained by word of mouth and will gladly give you the information you wish.

Very truly yours  
Joe Schneider