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(Manuscript received February 18, 1966; revised April 1, 1966.) Glassy Spherule

Most students of cosmi magnetic opaque particles tallic, partly because of and partly because it is a silicate particles from ten [Wright et al., 1963; Hodgever, we could hypothesiz mie dust particles that a that are similar in compositions.]

In the precipitate of m December 20, 1964, near S glassy spherules were fou scope. One of the typica shown in Figure 1. In sh with a tail-like protrusion face is bright, clear, and and no fissures are observ transparent body with no index is 1.505. It is not m composition is (in weight Al<sub>2</sub>O<sub>3</sub>, 12.5; FeO (total), 3.0; Na<sub>2</sub>O, 1.5; K<sub>2</sub>O, 2.5. A small, it was analyzed by method using the electror

Fig. 1. The typical 'tear