What is the Age and Origin of the Spherule Bearing Layer in some Ross Sea cores?

Catherine Yeh\textsuperscript{1}, Dallas Abbott\textsuperscript{2}, Dee Breger\textsuperscript{2}, Mark Anders\textsuperscript{2}

\textsuperscript{1}Department of Geology of Hofstra University, Hempstead, NY 11549-1000
\textsuperscript{2}Lamont-Doherty Earth Observatory of Columbia University, Palisades, NY 10964

Fig. 1: GeoMap App image detailing the location of the Ross Sea Cores (DSDP 273, DSDP 274, Elt32-08, Elt32-43, ELT32-03, NBP 95-01 39KC)

Fig. 2: SEM photograph of a pure SiO\textsubscript{2} spherule in the ELT 32-08.

Fig. 3: Photograph of a shocked quartz grain from ELT 32-43. The straight black lines represents the three different sets of lamellae in different orientation.