

Pairing and Subtype of Japanese Antarctic Chondrites by Thermoluminescence method II

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We have measured the thermoluminescence (TL) properties of twenty-four type 3 ordinary chondrites from the Japanese Antarctic meteorite collection. Five pairing groups were found using TL criteria. Five of the twenty-four chondrites have petrographic type < 3.4. The TL of a CO chondrite, A-87346, was also measured, and determined to be 3.0 in petrographic type.