

## Extraordinary thick K/T boundary sequence-Part 2; Cacarajicara Formation, Western Cuba.

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The Cacarajicara Formation is characterized by a mega upward-fining carbonate clastic sequence which is subdivided into two members; Lower conglomerate (more than 100 m thick) and Upper sandstone-slit (approximately 400 m thick) members. Characteristics are summarized as follows; 1) more than 300 m thick upward-fining sequence, 2) well-sorted stratigraphic sequence, 3) very thick boulder zone and homogenized upper zone which is similar to the Penlver Formation, 4) high water-pressure and high energy conditions of the lower conglomerate member, 5) presence of the shocked quartz and spherule. The Cacarajicara Formation is probably an impact-related mega flow sedimentary sequence laid over the continental slope of the Yucatan Platform.