



## Ice rafting events in North Atlantic core V28-82 during the penultimate glaciation

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North Atlantic deep sea sediment cores were examined for evidence of ice rafting events during the penultimate glaciation, Marine Isotope Stage (MIS) 6. Magnetic susceptibility (MS) measurements were taken in over a dozen cores in the North Atlantic. In this MS survey, the Heinrich events of the last glacial stand out as prominent MS peaks, in particular events H1, H2, H4, and H5. In none of the cores do any such peaks occur in MIS 6, suggesting perhaps a lack of Heinrich events during this time. Counts of ice rafted detritus (IRD) in V28-82, however, reveal two distinct IRD peaks, including one at the termination of Stage 6 (H11). Initial radioisotope analyses of H11 are not consistent with a Hudson Strait-dominated source. The earlier stage 6 peak is composed largely of volcanics, consistent with an Icelandic source, and there is only a small increase  $^{230}\text{Th}_{xs}$  flux associated with the peak. The combination of evidence suggests that large, Hudson Strait-sourced Heinrich events did not occur in the penultimate glaciation.