

The role of turbidite sands on compaction and dewatering of underthrust sediments

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Dewatering process of underthrust sediments was discussed using Logging-While-Drilling data from ODP Leg 171A. Results showed that the turbidite sands have acted as drains for dewatering of underthrust sediments at the Barbados Accretionary Complex. Active fluid flow in turbidite sands might explain the different heat flow between the Sites 543 and 672.