

INDEX TO VOLUME 116

This index provides coverage for both the *Initial Reports* and *Scientific Results* portions of Volume 116 of the *Proceedings of the Ocean Drilling Program*. Index entries with the suffix *a* refer to pages in the *Initial Reports*, and those with *b*, to pages in the *Scientific Results* (this book). In addition, the letter *m* as a final appendage refers to chapter pages on microfiche, which is contained in a pocket in the back of this book.

The index is presented in three parts: (1) a Subject Index, (2) a Site Index, and (3) a Paleontological Index. In addition to this printed version, the index is also available in the form of a machine-readable, ASCII-encoded, 9-track magnetic tape, 1600 bpi.

The index was prepared by Wm. J. Richardson Associates, Inc., under subcontract to the Ocean Drilling Program. It follows the concept developed by the Deep Sea Drilling Project at Scripps Institution of Oceanography for a comprehensive, cumulative index of DSDP volumes. Both of these indexes are based on a hierarchy of entries: (1) a main entry, defined as a key word or concept followed by a reference to the page on which that word or concept appears; (2) a subentry, defined as a further elaboration on the main entry followed by a page reference; and (3) a sub-subentry, defined as an even further elaboration on the main entry or subentry followed by a page reference.

The Subject Index follows a standard format. Geographic and individual names are referenced in the index only if they are subjects of discussion. This index also includes broad fossil groups, such as foraminifers and radiolarians, which also appear in the Paleontological Index.

The Site Index is structured to contain entries for the sites discussed in the volume. Site entries are modified by subject subentries.

The Paleontological Index is an index relating to significant findings and/or substantive discussions, not of species names *per se*. This index covers three varieties of information: (1) broad fossil groups, including individual genera and species that have been erected or emended formally; (2) biostratigraphic zones; and (3) fossils depicted in illustrations.

The indexes cover text figures and tables but not core description forms ("barrel sheets") or core photographs. Also excluded are bibliographic references, names of individuals, and routine front and back matter.

For further information, contact the Chief Production Editor, Ocean Drilling Program, 1000 Discovery Drive, College Station, Texas 77845-9547.

SUBJECT INDEX

- Afanasiy-Nikitin Seamounts
 Bengal Fan, sediment source, 208b
 deformation effects, 272b
 emplacement, 281b, 283b
 gravity anomalies, 281b, 282b, 283b, 286b-288b
 comparison to Ninetyeast and Chagos-Laccadive ridges, 288b
 load models, 283b-289b
 location, 197a, 198a
 seismic reflection profiling, 282b, 283b
- Albite, Bengal Fan, 62b
- Amino acids
 Bengal Fan: Site 717, interstitial water, 141b-144b
 Bengal Fan: Site 718, interstitial water, 141b-144b
 Bengal Fan: Site 719, interstitial water, 141b-144b
- Ammonia
 Bengal Fan: Site 717, interstitial water, 60a-61a, 66a, 422b
 Bengal Fan: Site 718, interstitial water, 108a, 109a, 423b
 Bengal Fan: Site 719, interstitial water, 167a, 423b
- Amphibole
 Bengal Fan, 62b
 calcic, Bengal Fan, 64b-65b, 69b
- Antarctic Bottom Water, Bengal Fan, sediment source, 216b, 235b
- Apatite
 Bengal Fan
 composition, 92b
 stratigraphy, 76b
 thermal conductivity, 78b-81b
- Argon dating
 Bengal Fan
 feldspar, 93b-103b, 104b-108b
 muscovite, 93b-97b, 103b, 109b-111b
 single-crystal vs. bulk sediment, 113b, 114b
- Assam, Bengal Fan, mineral correlation, 72b
- Barium
 Bengal Fan, 120b
 Bengal Fan: Site 717, interstitial water, 117b-119b, 121b
 Bengal Fan: Site 718, interstitial water, 117b-119b, 121b, 146b, 147b, 149b
 Bengal Fan: Site 719, interstitial water, 117b-119b, 121b
- Bay of Bengal, Bengal Fan, sediment source, 390b
- Bengal Fan
 age, 94b-100b, 101b, 102b, 103b, 104b-108b, 113b, 114b
 bathymetry, 7a, 205a, 318b
 biogenic components, 15b-18b
 bioturbation, 18b-23b
 channels, 200a
 clay mineralogy, 35b-38b, 40b
 environmental variation, and sedimentation, 19b, 20b, 22b
 fault blocks, 200a-201a, 203a, 209a
 geophysical setting, 9a
 heat-flow anomalies, 10a
 hemiturbidites, 25b-33b
 hydrothermal activity, 135b-139b
 intraplate deformation, 405b, 406b, 407b
 lithologic units, 400b, 401b
 Unit I, Holocene-Pleistocene, 380b
 Unit II, Pleistocene, 380b, 408b
 Unit III, Pleistocene-Pliocene, 379b, 380b
 Unit IV, Pliocene-Miocene, 379b, 380b
 Unit V, Miocene, 379b
 lithology, 346b, 348b, 363b-364b, 370b-371b, 374b
 lithostratigraphy, 379b-380b
 horizontal distribution, 389b-390b, 391b
 vertical distribution, 389b
 location, 142b, 364b, 370b, 378b, 398a
 correlation to Indrani and Indira fracture zones, 198a
 logging data, 347b, 349b, 369b-370b, 371b-372b
 mineral composition, 64b-65b
 morphometry, 5a
 navigation track, 347b
 sediment
 Site 218, 7a, 103b
 Eocene origination, 398b
 Eocene unconformity, 402b
 post-deformational, 293b
 pre-reformational, 313b, 400b
 sources, 7a, 40b, 54b-57b, 81b-82b, 100b-103b, 111b
 syn-deformational, 293b, 294b, 295b, 313b, 400b
 terrigenous, 401b-402b, 406b, 410b
 thickness, 201a, 208a
 seafloor and unconformity "A," 209a
 sedimentation rate, 348b
 sedimentology, 7a, 46b-51b
 topography
 reformational relationship, 313b-315b
 relationship to Pacific Ocean abyssal hill, 313b, 315b
 unconformity
 correlation to Site 217, 398b
 correlation to Site 218, 398b, 405b
 Bengal Fan: Site 218
 clay mineralogy, 37b, 40b, 55b, 56b
 deformation, 46a
 lithology, 7a
 sedimentation rate, 402b
 unconformity, 92a, 157a, 261b, 398b, 405b
 Bengal Fan: Site 717
 age-depth correlations, 57a
 bathymetry, 37a
 biostratigraphy, 51a-52a, 54a-57a
 deformation, 46a
 geological setting, 45a
 hemiturbidites, 8b, 13b
 lithologic units, 49a
 Unit IV subunits, 49a
 lithology, 53a
 correlation with Sites 718 and 719, 187a
 lithostratigraphy, 45a, 48a-49a
 hiatus, 408b
 location, 6b, 16b, 26b, 44b, 46a, 47a, 166b, 208b, 213b, 214b
 magnetic anomalies, 38a
 navigational plot, 30a
 sedimentology, depositional history, 83b-84b
 turbidites, 7b-11b, 12b
 sources, 45a
 Bengal Fan: Site 718
 age-depth correlations, 104a
 bathymetry, 37a
 biostratigraphy, 98a, 100a-103a
 geological setting, 92a
 hemiturbidites, 8b, 13b
 hydrothermal circulation, 92a
 lithologic units, 95a-96a, 98a
 Units III-IV, Plio-Pleistocene hiatus, 96a
 Unit V, 403b, 405b
 Unit V, subunits, 96a, 98a
 lithology, 101a
 correlation with Sites 717 and 719, 187a
 lithostratigraphy, 92a, 93a-95a
 location, 6b, 16b, 26b, 44b, 92a, 97a, 146b, 166b, 208b, 213b, 214b
 magnetic anomalies, 38a
 navigational plot, 30a
 sedimentology, depositional history, 84b-85b
 turbidites, 7b-10b, 12b, 13b
 turbidites, sources, 92a
 unconformity, correlation to Site 218, 92a
See also Water flow, convective circulation
 Bengal Fan: Site 719
 age-depth correlations, 165a
 bathymetry, 37a
 biostratigraphy, 162a-164a
 geological setting, 155a
 hemiturbidites, 8b, 13b
 lithologic units, 159a-161a
 Unit IV subunits, 161a
 Unit V, 406b
 lithology, 161a, 373b
 correlation with Sites 717 and 718, 187a
 lithostratigraphy, 155a, 158a-159a
 location, 6b, 16b, 26b, 44b, 155a, 156a, 166b, 208b, 213b, 214b
 magnetic anomalies, 38a
 navigational plot, 30a
 turbidites, 7b-8b, 11b, 12b
 unconformity, correlation to Site 218, 157a
 Bengal Fan: Site 720, clay mineralogy, 55b, 56b
 Boron, Bengal Fan: Site 718, interstitial water, 146b, 152b
 Brahmaputra River, Bengal Fan, sediment source, 71b, 72b
 Bulk density. *See* Density
- Calcium
 Bengal Fan: Site 717, interstitial water, 59a, 65a, 128b, 130b, 131b, 422b
 Bengal Fan: Site 718, interstitial water, 106a, 109a, 110a, 128b, 130b, 131b, 146b, 147b, 149b, 423b
 Bengal Fan: Site 719, interstitial water, 128b, 131b, 166a, 169a, 423b
 Calcium carbonate, Bengal Fan: Site 717, interstitial water, 59a-40a, 61a, 66a
 Carbon, inorganic, Bengal Fan: Site 717, 58a-61a
 Carbon, organic
 Bengal Fan: Site 717
 concentrations, 58a, 60a
 terrigenous origin, 58a, 80a
 TOC values, 61a, 62a
 Bengal Fan: Site 718
 concentrations, 104a
 cyclic variation, 104a
 TOC values, 107a, 108a
 Bengal Fan: Site 719
 concentrations, 165a
 terrigenous origin, 165a
 TOC values, 166a, 167a
 Carbonate
 Bengal Fan, 60b
 cementation, events, 138b-139b

SUBJECT INDEX

- precipitation events, hydrothermal activity effect, 135b-139b
 Bengal Fan: Site 717
 content, 49a, 54a
 interstitial water, 135b-139b
 Bengal Fan: Site 718
 content, 98a, 102a, 403b
 diagenetic effects, 98a
 interstitial water, 107a-108a, 109a, 135b-139b
 Bengal Fan: Site 719
 content, 162a
 interstitial water, 135b-139b, 166a-167a, 169a
 Carlsberg Ridge, plate model, magnetic anomalies, 265b
 Central Indian Basin
 bathymetry, 267b
 deformation, 291b
 gravity anomalies, 277b
 Central Indian Ridge, diffuse plate boundary, 263b, 281b
 Ceylon Basin, clay mineralogy, 56b
 Chagos Bank, gravity anomalies, 276b
 Chagos-Laccadive Ridge, faulting, 269b, 270b
 Chloride
 Bengal Fan: Site 717, interstitial water, 58a-59a, 61a, 65a
 Bengal Fan: Site 718, interstitial water, 106a, 109a, 110a
 Bengal Fan: Site 719, interstitial water, 165a-166a
 Chlorine
 Bengal Fan: Site 717, interstitial water, 128b, 130b, 422b
 Bengal Fan: Site 718, interstitial water, 128b, 130b, 423b
 Bengal Fan: Site 719, interstitial water, 128b, 130b, 423b
 Chlorite
 Bengal Fan, sources, 37b, 40b, 54b-55b
 Bengal Fan: Site 717, distribution, 36b-40b
 Clay, Bengal Fan, stable isotopes, 51b-53b
 Clay mineralogy
 Bengal Fan
 analyses, 11m-14m
 turbidite sequences, 40b, 44b-51b, 401b-402b
 Bengal Fan: Site 218
 assemblages, 37b, 40b
 turbidites, 55b, 56b
 Bengal Fan: Site 717, 35b-38b, 40b, 44b-49b, 51b
 sediment sources, 40b, 54b-57b
 Bengal Fan: Site 718, 35b-37b, 39b-40b, 44b-45b, 47b, 49b-51b
 Bengal Fan: Site 720, turbidites, 55b
 Clay, pelagic
 Bengal Fan, 379b, 386b-387b
 Bengal Fan: Site 717, 49a
 Bengal Fan: Site 718, 94a
 Bengal Fan: Site 719, 158a
 Clay, pelagic calcareous
 Bengal Fan, 387b-388b
 Bengal Fan: Site 717, 49a
 Bengal Fan: Site 718, 94a
 Bengal Fan: Site 719, 159a
 Cobalt, Bengal Fan: Site 718, interstitial water, 146b, 153b
 Compressional deformation. *See* Deformation
 Consolidation
 Bengal Fan, 363b-368b
 calculations, 365b-366b
 characteristics, 366b
 depositional history relationship, 367b
 over-, 366b-367b
 under-, 366b-367b
 Bengal Fan: Site 717, 73a-74a, 81a
 vs. depth, 86a
 Bengal Fan: Site 718, 117a, 129a
 Bengal Fan: Site 719, 177a
 vs. depth, 176a
 Copper
 Bengal Fan: Site 717, interstitial water, 118b, 119b-120b, 121b
 Bengal Fan: Site 718, interstitial water, 118b, 119b-120b, 121b, 146b, 147b, 149b
 Bengal Fan: Site 719, interstitial water, 118b, 119b-120b, 121b
See also Trace metals
 Deccan Trap basalts, Bengal Fan, sediment source, 334b, 335b
 Deep-water circulation
 Bengal Fan, 189b-190b
See also Water flow, convective circulation
 Deformation
 Bengal Fan
 infilling, 284b
 Miocene, 279b
 elastic plate model, 283b-285b, 292b
 applications, 285b-289b
 free-air gravity anomalies, 285b-286b
 vs. viscous hydrodynamic flow model, 292b
 features, 291b
 compressional, 283b-289b
 pre-date, 294b, 295b
 intraplate
 heat and fluid flow models, 350b-358b
 Miocene onset, 4a, 405b, 406b, 407b
 topography, 203a
 kinematic models, 261b-263b, 266b
 location, 288b
 mechanical models, 266b-269b
 driving force, 267b, 269b
 lithosphere temperatures, 266b, 268b, 269b
 stress and buckling, 266b, 267b, 270b, 271b, 272b, 277b
 vs. rheology, 266b-267b, 277b
 seismicity, 270b-271b
 viscous hydrodynamic flow model, 292b-303b
 Density
 Bengal Fan, 371b-372b
 Bengal Fan: Site 717, 28b, 31b, 70a, 75a, 76a-79a, 80a
 Bengal Fan: Site 718, 28b, 31b, 116a, 117a, 119a, 120a-122a, 123a, 371b, 372b, 374b
 Bengal Fan: Site 719, 28b, 31b, 172a, 174a-175a, 176a, 349b, 371b, 372b-373b, 374b
 Diagenesis
 Bengal Fan, 9b, 10a
 amino acids, 141b-144b
 correlation to Mississippi Fan, 10a
 Bengal Fan: Site 717, lipids, 157b, 158b
 Bengal Fan: Site 718
 clay, 109a, 112a
 heavy metals, 145b-147b
 Bengal Fan: Site 719, clay, 168a
 Diffuse plate boundary
 location, 261b-263b, 281b
 model, 261b-263b, 266b, 270b, 271b
 nature, 271b-273b
 Earthquakes, intraplate, 9a, 267b, 273b, 275b-277b, 283b
 Elastic buckling theory, 281b
See also Deformation
 Epidote, Bengal Fan, 62b, 64b, 68b
 Eustatic sea level
 Bengal Fan, vs. lithology, 411b
 fluxes and sedimentation, 271b-272b, 393b, 394b, 395b, 406b-407b, 409b, 410b
 Feldspar
 Bengal Fan, 62b
 source, 63b
See also Argon dating; Mineralogy
 Feldspar, potassium
 Bengal Fan
 age, 94b-100b, 101b, 102b, 103b, 104b-108b, 113b, 114b
 Fluid flow
 model, 350b-358b
 pressure, 356b, 358b
 sediment dewatering, 353b
See also Deformation
 Free-air gravity. *See* Geophysical properties
 Ganges River, Bengal Fan, sediment source, 71b, 72b, 204b
 Garnet, Bengal Fan, 60b, 67b
 Gas, hydrocarbon
 Bengal Fan: Site 717
 concentrations, 57a, 59a
 methane vs. depth, 58a
 Bengal Fan: Site 718
 concentrations, 104a, 105a
 methane vs. depth, 105a
 methane/ethane ratio vs. depth, 106a
 Bengal Fan: Site 719
 concentrations, 164a, 165a
 methane vs. depth, 166a
 methane/ethane ratio vs. depth, 166a
 Geochemistry, inorganic
 Bengal Fan: Site 717, 1m, 50a-51a, 55a, 58a-61a, 80a, 421b, 422b, 423b
 analyses, 1m, 2m-14m
 Bengal Fan: Site 718, 106a-112a, 129a-130a, 421b, 423b
 Bengal Fan: Site 719, 165a-168a, 421b, 423b
 Geochemistry, organic
 Bengal Fan: Site 717, 57a-58a, 60a, 61a, 80a, 141b-144b, 155b-160b
 Bengal Fan: Site 718, 104a-106a, 108a, 141b-144b
 Bengal Fan: Site 719, 141b-144b, 164a-165a, 166a, 186a
 Geoid anomalies. *See* Geophysical properties
 Geophysical properties
 free-air gravity, 285b-286b
 anomalies, 301b, 305b
 geoid, anomalies, 263b
 gravity, anomalies, 263b, 273b, 275b-277b
 stress, 270b, 271b, 272b, 273b, 275b-277b
 Glacial cycles, Bengal Fan, depositional effect, 204b, 409b
 Goethite
 Bengal Fan, 342b
 heat effect, 342b
 Grain density
 Bengal Fan: Site 717, 71a, 75a, 76a-79a, 80a, 334b, 335b
 Bengal Fan: Site 718, 116a, 124a
 Bengal Fan: Site 719, 172a, 174a, 175a, 176a
 Grain size
 Bengal Fan, lithologic comparison, 381b
 Bengal Fan: Site 717, 28b, 30b, 31b, 322b, 324b, 331b-334b, 406b, 417b-420b
 analysis, 417b, 418b-419b
 range, 49a
 vs. depth, 54a, 406b
 Bengal Fan: Site 718, 28b, 30b, 31b, 417b-420b
 analysis, 417b, 419b
 range, 98a

- vs. depth, 102a, 403b
 Bengal Fan: Site 719, 28b, 30b, 31b, 417b-420b
 analysis, 417b, 420b
 range, 161a-162a
 vs. depth, 162a
 Gravity, anomalies. *See* Geophysical properties
- Heat flow
 Bengal Fan, 266b
 anomalies, 5a, 7a, 9a, 10a, 208a-209a, 210a, 268b, 269b
 fault zones, 346b, 347b
 underlying mechanisms, 7a
 Bengal Fan: Site 717, 74a, 78b, 80b-81b, 81a, 87a-88a, 208a-209a, 210a, 347b, 348b, 350b-358b
 Bengal Fan: Site 718, 78b, 80b-81b, 99a, 102a, 110a, 111a, 112a, 117a-118a, 129a, 130a, 131a, 132a, 208a-209a, 210a, 347b, 348b, 350b-358b
 Bengal Fan: Site 719, 177a-180a, 181a, 208a-209a, 210a, 347b, 348b, 350b-358b
 model, 350b-358b
 lithosphere reheating, 355b-356b, 357b
 permeability, 353b, 354b-355b, 356b
See also Deformation
- Hematite, Bengal Fan, 326b, 331b, 332b, 335b, 342b
- Hemiturbidites
 Bengal Fan, 8b, 13b, 388b-389b
 biogenic components, 26b-28b, 29b, 30b
 density, 28b, 31b
 depositional process, 30b-33b
 grain size, 28b, 30b
 magnetic properties, 29b-30b
 sedimentation, 393b, 394b
 sonic velocity, 28b-29b, 31b
 structural and textural characteristics, 8b, 13b, 25b-26b
 X-ray diffraction, 28b
 Bengal Fan: Site 717, 8b, 13b, 49a
 Bengal Fan: Site 718, 94a-95a
 Bengal Fan: Site 719, 159a
- Himalayas
 Bengal Fan, sediment source, 40b, 54b-57b, 66b-70b, 71b, 72b, 81b-82b, 101b-103b, 111b, 390b, 391b
 tectonic uplift, 100b-103b, 111b, 398b
 deformation and, 345b
- Hydrogen index
 Bengal Fan: Site 717, vs. oxygen index, 58a, 62a, 63a
 Bengal Fan: Site 718, vs. oxygen index, 104a-105a, 108a
 Bengal Fan: Site 719, vs. oxygen index, 165a, 167a, 168a
- Hydrogen isotope. *See* Oxygen isotope
- Hydrothermal activity, Bengal Fan, 135b-139b
 Hydrothermal circulation, Bengal Fan: Site 718, 92a
- Illite
 Bengal Fan
 source, 37b, 40b, 54b-55b
 stratigraphic distribution, 36b-40b
- Ilmenite, Bengal Fan, 64b, 65b
- Indian Bottom Water, Bengal Fan, sediment source, 216b
- Indian Ocean NE
 buckling stress, 281b
 deformation characterization, 4a-5a, 7a, 364b
 diffuse plate boundary, 262b
 focal mechanisms, 272b
 stresses, 272b
- gravity anomalies, 4a, 273b, 275b
 heat-flow anomalies, 5a, 7a, 9a
 interpolate seismicity, 262b, 283b
 seafloor spreading
 chronology, 398b-399b
 rate and direction, 398b-399b
 tectonic events, 3a-4a, 398b
 triple junction, 263b
See also Deformation; Geophysical properties
- Indian Ocean S, tectonic models, 264b
- Indira fracture zone
 bathymetry, 197a, 204a
 free-air gravity anomalies, 205a
 location, 198a
 magnetic anomalies, 197a, 202a
- Indo-Australian Plate
 diffuse boundary, 281b
 earthquake locations, 9a
 stress model, 270b, 271b, 272b
- Indo-Gangetic Plain, Bengal Fan, sediment source, 55b
- Indrani fracture zone
 bathymetry, 197a, 204a
 free-air gravity anomalies, 205a
 location, 198a, 293b
 magnetic anomalies, 197a, 202a
 seismic reflection profiling, 294b, 295b
- Interstitial-water chemistry
 Bengal Fan: Site 717, 64a, 80a, 348b, 421b
 isotopic oxygen/hydrogen, 127b-132b
 sodium and potassium, 58a-59a, 61a, 65a
 Bengal Fan: Site 718, 110a-112a, 117b-125b, 127b-132b, 145b-154b, 348b, 421b, 423b
 correlation to Site 717, 106a, 109a
 isotopic oxygen/hydrogen, 127b-132b
 sodium and potassium, 106a, 109a, 110a
 Bengal Fan: Site 719, 117b-125b, 127b-132b, 135b-139b, 165a-168a, 348b, 421b, 423b
 correlation to Site 717, 165a, 166a, 167a, 168a
 isotopic oxygen/hydrogen, 127b-132b
 sodium and potassium, 165a-166a, 169a
- Intraplate deformation. *See* Deformation
- Iron, Bengal Fan: Site 718, interstitial water, 146b
- Isotopes, stable
 Bengal Fan, 51b-54b
 clay composition, 51b-53b
 micas and chlorite composition, 51b
 Miocene, 47b
 Miocene-Pleistocene, 47b
 Pleistocene-Holocene, 47b
 quartz, 51b
- Kaolinite
 Bengal Fan
 source, 37b, 40b, 55b
 stratigraphic distribution, 36b-40b
- Lead, Bengal Fan: Site 718, interstitial water, 146b, 153b
- Loads
 models, 284b-285b
See also Deformation
 responses, 280b
- Maghemite
 Bengal Fan, 342b, 344b
 heat effect, 342b
- Magnesium
 Bengal Fan: Site 717, interstitial water, 59a, 61a, 65a, 128b, 132b, 422b
 Bengal Fan: Site 718, interstitial water, 106a-107a, 109a, 110a, 128b, 132b, 146b, 147b, 150b, 423b
- Bengal Fan: Site 719, interstitial water, 128b, 132b, 166a, 169a, 423b
- Magnetic anomalies, Bengal Fan, 38a
- Magnetic properties
 Bengal Fan: Site 717, 29a, 38a-42a, 61a-63a, 66a-70a, 81a, 202a, 317b-335b, 337b-344b
 declination, 328b, 340b-341b
 inclination, 328b, 339b-340b
 vs. depth, 69a
 intensity, 29b-30b, 62a-63a, 68a, 70a, 73a, 322b, 327b, 329b, 334b-335b, 337b-339b, 341b-342b
 remanent intensity, 62a-63a, 68a, 70a
 susceptibility, 29b-30b, 63a, 66a-67a, 69a, 70a, 71a, 72a, 73a, 74a, 319b, 320b, 321b, 322b, 323b, 325b, 326b-331b, 334b-335b, 343b-344b
 correlation to Site 708, 318b
 Bengal Fan: Site 718, 112a-116a, 202a, 317b-335b, 337b-344b
 correlation to Site 717, 112a, 113a, 114a, 115a, 116a, 131a
 declination, 114a, 340b-341b
 inclination, 113a-114a, 339b-340b
 intensity, 29b-30b, 112a-113a, 337b-339b, 341b-342b
 susceptibility, 29b-30b, 114a-116a, 318b, 319b, 343b-344b
 correlation to Site 717, 116a
 Bengal Fan: Site 719, 168a-172a, 202a, 317b-335b, 337b-344b
 correlation with Sites 717 and 718, 168a, 169a, 170a, 171a, 186a
 declination, 170a, 171a, 340b-341b
 inclination, 168a-170a, 171a, 339b-340b
 intensity, 29b-30b, 168a, 337b-339b, 341b-342b
 demagnetization behavior vs. depth, 29b-30b, 168a, 170a
 susceptibility, 29b-30b, 170a-172a, 173a, 318b, 319b, 321b, 334b, 343b-344b
 lithostratigraphic correlation, 171a
- Magnetite
 Bengal Fan, 326b, 327b, 331b, 341b, 342b, 344b
 heat effect, 342b
 Magnetostratigraphy, Bengal Fan: Site 717, 63a
- Manganese
 Bengal Fan, 119b
 Bengal Fan: Site 717
 interstitial water, 118b, 119b, 123b
 Bengal Fan: Site 718
 interstitial water, 118b, 119b, 124b, 146b, 153b
 Bengal Fan: Site 719
 interstitial water, 118b, 119b, 125b
- Mineralogy
 Bengal Fan
 heavy minerals
 aluminous silicates, 62b
 compositional range, 64b-65b
 lithologic sequence, 60b, 61b-62b
 modal analysis, 61b, 62b
 oxides, 62b
 zones, 63b
 light minerals
 compositional range, 64b-65b
 zones, 62b
 magnetic
 heating and cooling effect, 342b-343b
 sedimentological factors, 332b-335b
 sediment sources, 64b, 66b-72b
- Molybdenum, Bengal Fan: Site 718, interstitial water, 146b, 154b
- Monsoon, effect on climate, 249b, 253b

SUBJECT INDEX

- Muscovite
Bengal Fan
age, 95b-96b, 97b-98b, 103b, 109b-111b, 113b, 114b
See also Argon dating
- Nickel, Bengal Fan: Site 718, interstitial water, 146b, 152b
- Ninetyeast Ridge
Bengal Fan sediment source, 189b, 203b, 204b
deep-water circulation, 189b-190b
gravity anomalies, 275b
morphology, deformation, 269b
strike-slip faulting, 262b
- Nitrate, Bengal Fan: Site 717, interstitial water, 60a-61a, 66a
- Olivine, Bengal Fan, 65b, 69b
- Ooze, calcareous, Bengal Fan: Site 717, 55b-56b, 94a
- Ooze, clayey, Bengal Fan, 279b, 379b, 381b
- Ooze, diatom, Bengal Fan: Site 717, 55a
- Ooze, foraminifers
Bengal Fan: Site 717, 55a
Bengal Fan: Site 718, 101a
- Ooze, nannofossil, Bengal Fan: Site 717, 56a
- Oxygen isotope
Bengal Fan
correlation to eustatic sea-level changes, 410b
lithologic effects, 129b-132b
diagenesis, 130b, 131b
hyperfiltration-osmosis, 130b
upwelling, 130b, 131b
- Bengal Fan: Site 717, 127b-128b
calcium correlation, 130b
calcium vs. depth, 131b
chlorine correlation, 130b
magnesium correlation, 132b
vs. depth, 128b, 129b
vs. hydrogen isotope, 128b, 129b
- Bengal Fan: Site 718, 128b-129b
calcium correlation, 131b
calcium vs. depth, 131b
magnesium correlation, 132b
vs. depth, 128b, 129b
vs. hydrogen isotope, 128b, 129b
- Bengal Fan: Site 719, 129b
calcium correlation, 131b
calcium vs. depth, 131b
magnesium correlation, 132b
vs. depth, 128b, 129b
vs. hydrogen isotope, 128b, 130b
- P*-wave velocity
Indian Ocean NE
features, 296b
trough-ridge structure, 296b-302b, 306b-309b
- Phosphate
Bengal Fan: Site 717, interstitial water, 60a-61a, 66a, 422b
Bengal Fan: Site 718, interstitial water, 108a, 109a, 146b, 151b, 423b
Bengal Fan: Site 719, interstitial water, 167a, 423b
- Physical properties, Bengal Fan, logging vs. laboratory determined, 369b-374b
- Plagioclase, Bengal Fan, 64b, 66b
- Plate boundary. *See* Diffuse plate boundary
- Porosity
Bengal Fan, 348b-350b, 351b, 371b
Bengal Fan: Site 717, 71a, 75a, 76a, 77a, 78a, 79a, 80a
Bengal Fan: Site 718, 116a, 117a, 119a, 120a, 121a, 122a, 348b-350b, 351b, 373b
- Bengal Fan: Site 719, 172a, 174a, 175a, 176a, 348b-350b, 351b, 371b, 372b-373b, 374b
- Potassium, Bengal Fan: Site 718, interstitial water, 146b, 151b
- Punjab, Bengal Fan, mineral correlation, 72b
- Pyrite
Bengal Fan, 62b
See also Mineralogy
Bengal Fan: Site 717, 49a, 243b-244b
Bengal Fan: Site 718, 94a
Bengal Fan: Site 719, 158a, 162a
- Pyroxene
Bengal Fan, 65b
Deccan Trap basalts, 70b
- Quartz
Bengal Fan, 62b
source, 63b
See also Mineralogy
- S*-wave velocity, Indian Ocean NE, trough-ridge structure, 298b-301b, 306b-309b
- Sea level. *See* Eustatic sea level
- Sedimentation rate
Bengal Fan
correlation to molasse sedimentation in Ganga Basin, 404b, 411b
correlation to Site 217, 402b
depositional history, 402b-406b
Eocene unconformity, 402b-403b
eustatic sea-level change, 393b, 394b, 395b, 406b-407b, 409b, 410b
hemiturbidites, 393b, 394b
local effects, 395b
Miocene Himalayan relief, 405b
Miocene unconformity, 405b-407b
Pleistocene unconformity, 408b-410b
processes
pelagic, 393b
turbidity current, 392b-393b
slumping, 392b, 393b
tectonic uplift, 393b
- Bengal Fan: Site 717, 57a
eustatic sea-level effect, 45a
Himalaya uplift effect, 45a
Miocene, 57a
Pleistocene, 57a
Pleistocene hiatus, 57a
Pliocene, 57a
- Bengal Fan: Site 718, 103a-104a
Himalaya uplift effect, 92a
Miocene, 403b-405b
Plio-Pleistocene hiatus, 103a
- Bengal Fan: Site 719, 164a, 165a
Himalaya uplift effect, 157a
- Seismic reflection profiling
Afanasiy-Nikitin Seamounts, 282b, 283b
Bengal Fan, 6a, 206a-207a, 314b, 346b, 365b, 379b
basement deformation, 8a, 199a
depth conversion, 312b, 313b
reflectors, 200a, 203a, 208a, 405b, 406b, 407b, 408b, 409b
- Bengal Fan: Site 717, 48a, 166b, 204b, 214b, 410a
lithologic boundaries, 89a
reflectors, 79a, 89a
- Bengal Fan: Site 718, 98a, 133a, 166b, 204b, 214b, 404b, 407b
reflectors, 131a
stratigraphic correlation, 133a, 135a, 136a
- Bengal Fan: Site 719, 158a, 166b, 182a, 184a, 204b, 214b, 409b
reflectors, 181a, 182a, 185a
- Indian Ocean NE, 263b, 282b
basement fault, 294b, 295b
- Seismic stratigraphy
Bengal Fan: Site 717
seismic units, 75a
stratigraphic correlation, 75a
unconformities "A" and "B," 75a
- Bengal Fan: Site 718
seismic units, 127a
stratigraphic correlation, 120a-122a
unconformity "A," 118a
- Bengal Fan: Site 719
seismic units, 181a
stratigraphic correlation, 181a-182a
unconformity "A," 181a
- Shear strength
Bengal Fan: Site 717, 72a-74a, 85a, 86a
Bengal Fan: Site 718, 116a-117a, 128a, 129a
Bengal Fan: Site 719, 173a, 176a, 177a, 179a
- Silica
Bengal Fan: Site 717, interstitial water, 60a, 67a
Bengal Fan: Site 718, interstitial water, 108a, 109a
Bengal Fan: Site 719, interstitial water, 167a, 170a
- Silicate
Bengal Fan: Site 717, interstitial water, 422b
Bengal Fan: Site 718, interstitial water, 146b, 151b, 423b
Bengal Fan: Site 719, interstitial water, 423b
- Silt
Bengal Fan: Site 717, 48a
Bengal Fan: Site 718, 93a
Bengal Fan: Site 719, 158a
mineralogy. *See* Mineralogy
- Silt, clayey, Bengal Fan, 381b
- Silt, sandy, Bengal Fan, 379b
- Siwalik Group, mineral correlation to Bengal Fan, 70b-72b
- Slump deposits
Bengal Fan, 392b, 393b
See also Sedimentation rate
- Smectite
Bengal Fan
source, 36b-38b, 40b, 55b
stratigraphic distribution, 36b-39b, 40b
- Sodium, Bengal Fan: Site 718, interstitial water, 146b, 151b
- Sonic velocity
Bengal Fan: Site 717, 28b-29b, 31b, 71a-72a, 81a, 82a, 312b, 315b
Bengal Fan: Site 718, 28b-29b, 31b, 116a, 124a, 125a, 126a, 127a, 312b, 315b, 372b, 374b
Bengal Fan: Site 719, 28b-29b, 31b, 172a, 176a, 177a
- Strontium
Bengal Fan: Site 717
interstitial water, 118b, 119b, 121b
Bengal Fan: Site 718
interstitial water, 118b, 119b, 121b, 122b
146b, 149b
Bengal Fan: Site 719
interstitial water, 118b, 119b, 121b, 122b
See also Trace metals
- Sulfate
Bengal Fan: Site 717, interstitial water, 60a, 67a
Bengal Fan: Site 718, interstitial water, 107a, 109a, 138b, 423b
Bengal Fan: Site 719, interstitial water, 138b, 167a, 170a, 423b
- Sulfide
Bengal Fan: Site 717, interstitial water, 138b, 422b

- precipitation, hydrothermal activity effect, 138b
Sumatra Trench
diffuse plate boundary, 281b
tectonic events and grabens, 267b
"Swatch of No Ground," Bengal Fan, sediment source, 46a
- Tectonic events, geological time sequence, 3a-4a
Tectonic uplift
chronology, 399b
Himalayas, 100b-102b, 398b-399b, 409b
sedimentation, 393b
Tibetan Plateau, 93b, 100b-102b, 111b, 399b, 407b, 409b
- Terrigenous sediment
Bengal Fan, sources, 401b-402b, 406b
Bengal Fan: Site 717, 46a, 157b-160b
Bengal Fan: Site 718, 92a
Bengal Fan: Site 719, 157a
- Thermal conductivity
Bengal Fan, post-depositional, 78b-81b
Bengal Fan: Site 717, 72a, 81a, 83a, 84a-85a
Bengal Fan: Site 718, 116a, 127a, 128a
Bengal Fan: Site 719, 172a-173a, 176a, 178a
- Tibetan Plateau. *See* Tectonic uplift
- Titanium, Bengal Fan: Site 718, interstitial water, 146b, 150b
- Titanomagnetite, Bengal Fan, 331b-335b
- Trace metals
Bengal Fan, upwelling and expansion effect, 118b, 119b, 120b, 121b
Bengal Fan: Site 717, 118b
Bengal Fan: Site 718, 118b
Bengal Fan: Site 719, 118b
- Turbidites
Bengal Fan
biogenic components, 15b-23b
- bottom-water oxygenation, 20b, 22b
vertical zonation, 19b-21b, 23b
bioturbation, 18b-23b
color, 322b, 323b, 337b
vs. magnetic properties, 338b, 344b
density, 322b-323b, 324b
deposition and bioturbation, 17b, 18b-23b
grain size, 324b
magnetic, 326b-331b
lithostratigraphy, vs. magnetic susceptibility, 320b, 321b
magnetic properties, 328b, 339b-341b
magnetic remanent intensity, 321b, 323b, 325b-326b, 327b, 328b, 329b, 331b, 337b-339b
vs. demagnetization responses, 321b, 323b, 325b-326b, 328b, 329b, 330b, 332b-334b, 338b-341b, 343b-344b
magnetic susceptibility, 319b, 320b, 321b, 323b, 325b, 330b, 331b
Miocene/Pliocene, 320b
sediment sources, 390b
sequence types, 380b-386b
stratigraphic distribution, 8b-11b, 17b-22b
structural and textural characteristics, 7b-11b, 12b
coarse-grained, 49a, 400b, 408b, 409b
fine-grained, 400b
terrigenous origin, 401b, 406b, 410b
Bengal Fan: Site 717, 7b-11b, 12b, 48a, 49a, 52a
sources, 45a
Bengal Fan: Site 718, 7b-10b, 12b, 13b, 93a-94a
sources, 92a
Bengal Fan: Site 719, 7b-8b, 11b, 12b, 158a
- Turbidity current
- Bengal Fan, 334b, 335b
sedimentation processes, 392b-393b
Bengal Fan: Site 717, 49a
- Uranium isotope, fission track
Bengal Fan
age calculations, 86b-91b
apatite, 75b-78b
- Vanadium, Bengal Fan: Site 718, interstitial water, 146b, 153b
- Water content
Bengal Fan: Site 717, 70a, 75a, 76a, 77a, 79a, 80a
Bengal Fan: Site 718, 116a, 117a, 119a, 120a, 121a, 122a, 123a
Bengal Fan: Site 719, 172a, 174a, 175a, 176a
- Water flow, convective circulation
Bengal Fan: Site 717, 61a, 80a
Bengal Fan: Site 718, 109a-112a
correlation to Site 717, 109a
heat flow, anomalies, 110a
- Wharton-Cocos Basin
bottom water circulation, 190b
gravity anomalies, 276b, 277b
- X-ray diffraction
Bengal Fan: Site 717, bulk-sediment samples, 5b, 7b-13b
Bengal Fan: Site 718, bulk-sediment samples, 5b, 7b-10b, 12b-13b
Bengal Fan: Site 719, bulk-sediment samples, 5b, 7b-9b, 11b-13b
- Zinc, Bengal Fan: Site 718, interstitial water, 146b, 154b

SITE INDEX

- Site 213, diatoms, correlation to Site 717, 239b
- Site 215, diatoms, correlation to Site 717, 239b
- Site 217
bathymetry, 378b
unconformity, correlation to Sites 717-719
75b, 398b, 402b-403b, 405b
- Site 218
bathymetry, 378b
clay mineralogy
correlation to Site 717, 37b-38b, 55b-56b
correlation to Sites 718 and 719, 37b-38b
deformation, 269b
lithostratigraphy, correlation to Sites 717-719,
59b, 103b
sedimentology, 7a, 397b
seismicity, 261b
unconformity, correlation to Sites 717-719,
197a
- Site 219, bathymetry, 378b
- Site 238, diatoms, correlation to Site 717, 239b
- Site 677, geochemistry, organic, correlation to
Sites 717-719, 143b, 144b
- Site 708, magnetic susceptibility, correlation to
Sites 717-719, 318b
- Site 717
bathymetry, 26b, 29a, 37a, 47a, 48a, 167b,
198a, 200a, 204a-205a, 208a, 209a, 267b,
281b, 318b, 378b, 398b
biostratigraphy, 51a-58a, 79a, 402b
benthic foraminifers, 22b, 52a, 55a-56a,
189b-204b, 206b, 213b-221b, 222b,
224b-229b, 235b
calcareous nannofossils, 52a, 56a, 57a, 80a,
94b, 165b-175b, 186b-187b
diatoms, 54a-55a, 239b-241b
palynology, 249b-253b
planktonic foraminifers, 52a, 55a-56a, 200b-
203b
pyritized diatoms, 243b-244b, 246b-247b
radiolarians, 52a, 207b-212b
silicoflagellates, 52a, 54a
sponge spicules, 247b
synthesis, 226b-229b
trace fossils, 15b-18b, 26b, 29b
bulk density, 28b, 31b, 75a, 76a-79a, 80a
carbonate content, 49a, 80a
clay mineralogy, 35b, 36b-38b, 40b
climatic evolution, Pleistocene, 249b-253b
coring
disturbances, 6b-8b
summary, 50a, 51a
- depositional history, 43b, 54b-57b, 81b-82b,
83b-84b
drilling
characteristics, 14a
information, 45a
objectives, 13a, 46a
operations, 46a, 48a
procedures, 14a-27a
eustatic sea-level curve, 406b-407b, 411b
geochemistry
correlation to Site 719, 186a
inorganic, 58a-61a, 80a, 421b, 423b, 1m, 2m-
8m
organic, 57a-58a, 60a, 61a, 80a, 141b-144b,
155b-160b
Rock-Eval pyrolysis, 58a, 62a, 63a
geologic event/sedimentary record, 402b-412b
grain density, 75a, 76a-79a, 80a, 334b, 335b
grain size, 28b, 30b, 31b, 49a, 322b, 324b,
331b-334b, 406b, 417b-420b
heat flow, 74a, 78b, 80b-81b, 81a, 87a-88a,
208a-209a, 210a, 347b, 348b, 350b-358b
correlation to Site 719, 186a
hydrocarbon gases, 57a, 58a
interstitial-water chemistry, 64a, 80a, 348b,
421b
amino acids, 141b-144b
ammonia, 60a-61a, 66a, 422b
barium, 117b-119b, 121b
calcium, 59a, 65a, 128b, 130b, 131b, 422b

SITE INDEX

- calcium carbonate, 59a-60a, 61a, 66a
carbonate, 135b-139b
chloride, 58a-59a, 61a, 65a
chlorine, 128b, 130b, 422b
copper, 118b, 119b-120b, 121b
isotopic oxygen/hydrogen, 127b-132b
magnesium, 59a, 61a, 65a, 128b, 132b, 422b
manganese, 118b, 119b, 123b
nitrate, 60a-61a, 66a
phosphate, 60a-61a, 66a, 422b
silica, 60a, 67a
silicate, 422b
sodium and potassium, 58a-59a, 61a, 65a
strontium, 118b, 119b, 121b, 122b, 146b, 149b
sulfate, 60a, 67a
sulfide, 138b, 422b
lipids, 155b-160b
lithostratigraphy, 8b, 9b, 10b-13b, 48a-51a,
53a, 76b, 79a, 187a, 320b, 321b, 346b,
348b, 400b-401b
carbonate, 49a
correlation to Site 719, 186a, 187a
facies 7 (hemiturbidite), 25b-26b, 27b, 28b,
31b-33b
grain age, 94b-96b, 97b, 98b, 99b, 100b,
104b-106b, 109b-110b, 113b
pyrite, 49a-50a
units, 15b, 17b, 40b, 129b-132b, 363b-364b,
379b-390b
logging, 79a
magnetic properties, 29a, 38a-42a, 61a-63a,
66a-70a, 81a, 202a, 317b-335b, 337b-344b
declination, 328b, 340b-341b
inclination, 328b, 339b-340b
intensity, 29b-30b, 62a-63a, 68a, 70a, 73a,
322b, 327b, 329b, 334b-335b, 337b-
339b, 341b-342b
susceptibility, 29b-30b, 63a, 66a-67a, 69a,
70a, 71a, 72a, 73a, 74a, 319b, 320b, 321b,
322b, 323b, 325b, 326b-331b, 334b
335b, 343b-344b
correlation to Site 708, 318b
magnetostratigraphy, 63a
mineralogy, 8m-14m, 35b-40b, 44b-51b,
59b-72b
navigational data, 29a, 30a-36a
organic carbon, 141b-144b, 155b-160b
P- wave velocity, 81a, 311b-315b
physical properties, 70a-74a, 75a, 75b-82b,
76a-79a, 80a, 81a, 311b-315b, 322b-323b,
325b, 365b-368b
porosity, 75a, 76a, 77a, 78a, 79a, 80a
shear strength, 72a-74a, 85a, 86a
sonic velocity, 28b-29b, 31b, 71a-72a, 81a,
82a, 312b, 315b
thermal conductivity, 72a, 81a, 83a
water content, 75a, 76a, 77a, 79a, 80a
pyrite, 49a-50a
sediment accumulation rate, 19b-22b, 27b-28b,
30b, 32b-33b, 57a, 57b, 186b-187b, 346b,
348b
sedimentary structures, 8b-13b
biogenic, 15b-19b, 26b-28b, 29b, 47b, 49b,
51b
depositional history, 26b-28b, 30b-33b
sedimentology, 43b-57b, 48a-51a, 65b-72b,
390b-392b, 394b, 395b
seismic stratigraphy, 29a, 48a, 74a-75a, 79a,
87a, 166b, 198a, 200a, 263b, 281b,
311b-315b, 399b-400b
reflection profiles, 89a, 166b, 199a, 204b,
206a-207a, 214b, 283b, 346b, 365b, 379b,
410b
slump deposits, 392b-393b
tectonic uplift, 83a, 93b, 100b-103b, 111b,
364b-365b, 393b-395b, 398b-399b
Site 718
bathymetry, 26b, 97a, 167b, 198a, 200a, 204a,
205a, 208a, 209a, 267b 281b, 318b, 378b,
398b
biostratigraphy, 98a, 100a-104a, 129a, 400b,
402b
benthic foraminifers, 98a, 101a-102a, 213b-
214b, 216b-217b, 222b, 230b-232b
calcareous nannofossils, 94b, 98a, 102a-103a,
165b-167b, 175b-181b, 186b-187b
diatoms, 98a, 101a
planktonic foraminifers, 98a, 101a-102a
pyritized diatoms, 243b-244b, 246b-247b
radiolarians, 98a-100a, 207b-212b
silicoflagellates, 98a, 101a
synthesis, 230b-231b
trace fossils, 15b-18b, 26b, 29b
bulk density, 28b, 31b, 116a, 117a, 119a, 120a,
121a, 122a, 123a, 371b, 372b, 374b
carbonate content, 98a, 393b, 403b
clay mineralogy, 35b, 37b, 39b, 40b
coring
disturbances, 6b-8b
summary, 94a, 95a, 96a
depositional history, 43b, 54b-57b, 81b-82b,
84b-85b
drilling
characteristics, 14a, 91a-92a
information, 91a
objectives, 13a, 92a-93a
operations, 14a-27a, 93a
eustatic sea-level curve, 406b-407b, 411b
geochemistry
inorganic, 106a-112a, 129a-130a, 421b, 423b
organic, 104a-106a, 108a, 141b-144b
Rock-Eval pyrolysis, 104a, 107a, 108a
geologic event/sedimentary record, 402b-412b
grain density, 116a, 124a
grain size, 28b, 30b, 31b, 98a, 102a, 403b,
417b-420b
heat flow, 78b, 80b-81b, 99a, 102a, 110a, 111a,
117a-118a, 129a, 130a, 131a, 132a,
208a-209a, 210a, 347b, 348b, 350b-358b
correlation to Site 717, 112a
correlation to Site 719, 186a
hydrocarbon gases, 104a, 105a, 106a
interstitial-water chemistry, 110a-112a,
117b-125b, 127b-132b, 145b-154b, 348b,
421b, 423b
amino acids, 141b-144b
ammonia, 108a, 109a, 423b
barium, 117b-119b, 121b, 146b, 147b, 149b
boron, 146b, 152b
calcium, 106a, 109a, 110a, 128b, 130b, 131b,
146b, 147b, 149b, 423b
carbonate, 107a-108a, 109a, 135b-139b
chloride, 106a, 109a, 110a
chlorine, 128b, 130b, 423b
cobalt, 146b, 153b
copper, 118b, 119b-120b, 121b, 146b, 147b,
149b
correlation to Site 717, 106a, 109a
iron, 146b
isotopic oxygen/hydrogen, 127b-132b
lead, 146b, 153b
magnesium, 106a-107a, 109a, 110a, 128b,
132b, 146b, 147b, 150b, 423b
manganese, 118b, 119b, 124b, 146b, 153b
molybdenum, 146b, 154b
nickel, 146b, 152b
phosphate, 108a, 109a, 146b, 151b, 423b
potassium, 146b, 151b
silica, 108a, 109a
silicate, 146b, 151b, 423b
sodium, 146b, 151b
sodium and potassium, 106a, 109a, 110a
strontium, 118b, 119b, 121b, 122b, 146b, 149b
sulfate, 107a, 109a, 138b, 423b
titanium, 146b, 150b
vanadium, 146b, 153b
zinc, 146b, 154b
lithostratigraphy, 8b, 9b, 10b, 12b, 13b, 76b,
93a-98a, 101a, 346b, 348b, 400b-401b
carbonate, 98a
correlation to Site 719, 186a
facies 7 (hemiturbidite), 25b-26b, 27b, 28b,
31b-33b, 388b-389b, 393b
grain age, 94b-96b, 97b, 101b, 102b, 103b,
106b-108b, 110b-111b, 113b
units, 15b, 17b, 40b, 95a, 96a, 98a, 129b-
132b, 363b-364b, 370b-371b, 373b,
379b-390b
logging
122a-127a, 132a, 137a-154a, 347b, 372b,
374b, 405b
correlation to Site 717, 133a
magnetic properties, 112a-116a, 202a,
317b-335b, 337b-344b
correlation to Site 717, 112a, 113a, 114a,
115a, 116a, 131a
declination, 114a, 340b-341b
inclination, 113a-114a, 339b-340b
intensity, 29b-30b, 112a-113a, 337b-339b,
341b-342b
susceptibility, 29b-30b, 114a-116a, 318b,
319b, 343b-344b
mineralogy, 8m-14m, 35b-40b, 44b-51b,
59b-72b
navigational data, 29a, 30a-36a
P- wave velocity, 311b-315b, 404b
physical properties, 75b-82b, 116a-117a, 119a,
120a, 121a, 122a, 311b-315b, 365b-368b,
371b-372b, 374b
correlation to Site 717, 132a
porosity, 116a, 117a, 119a, 120a, 121a, 122a,
348b-350b, 351b
shear strength, 116a-117a, 128a, 129a
sonic velocity, 28b-29b, 31b, 116a, 124a,
125a, 126a, 127a, 312b, 315b, 372b, 374b
thermal conductivity, 116a, 127a, 128a
water content, 116a, 117a, 119a, 120a, 121a,
122a, 123a
sediment accumulation rate, 19b-22b, 27b-28b,
30b, 32b-33b, 56b, 57b, 103a-104a,
186b-187b, 346b, 348b
sedimentary structures, 8b-13b
biogenic, 15b-19b, 26b-28b, 29b, 47b, 49b,
51b
biogenic, zonation, 19b-20b, 22b
depositional history, 18b-19b, 26b-28b, 30b-
33b
sedimentology, 43b-57b, 65b-72b, 95a, 96a,
98a, 390b-392b, 394b, 395b
seismic stratigraphy, 118a-122a, 198a, 200a,
206a-207a, 281b, 283b, 311b-315b,
399b-400b, 407b
correlation to Site 717, 118a, 120a, 121a, 131a
correlation to Site 719, 120a
reflection profiles, 98a, 133a, 135a, 136a,
166b, 199a, 204b, 214b, 263b, 346b,
365b, 379b, 404b, 406b
slump deposits, 392b-393b
tectonic uplift, 93b, 100b-103b, 111b,
364b-365b, 393b-395b, 398b-399b

- Site 719
 bathymetry, 26b, 156a, 167b, 198a, 200a, 204a-205a, 208a, 209a, 267b, 281b, 318b, 378b, 398b
 biostratigraphy, 162a-164a, 186a, 402b
 benthic foraminifers, 163a-164a, 213b-214b, 216b-217b, 223b, 232b-235b
 calcareous nannofossils, 164a, 165b-167b, 181b-187b
 correlation to Site 718, 163a, 164a
 diatoms, 162a-163a
 planktonic foraminifers, 163a-164a
 pyritized diatoms, 243b-244b, 246b-247b
 radiolarians, 163a, 207b-212b
 silicoflagellates, 163a
 synthesis, 233b-234b
 trace fossils, 15b-18b, 26b, 29b
 bulk density, 28b, 31b, 172a, 174a, 175a, 176a, 371b, 372b-373b, 374b
 carbonate content, 162a
 coring
 disturbances, 6b-8b
 summary, 159a
 drilling
 characteristics, 14a
 information, 155a
 objectives, 13a, 155a, 157a
 operations, 157a
 procedures, 14a-27a
 eustatic sea-level curve, 406b-407b, 411b
 geochemistry
 inorganic, 165a-168a, 421b, 423b
 correlation with Site 717, 165a, 166a
 organic, 141b-144b, 144a-165a, 166a
 organic, correlation with Site 717, 164a, 165a, 186a
 organic, correlation with Site 718, 164a, 165a
 Rock-Eval pyrolysis, 165a, 167a, 168a
 geologic event/sedimentary record, 402b-112b
 grain density, 172a, 174a, 175a, 176a
 grain size, 28b, 30b, 31b, 161a-162a, 417b-420b
 heat flow, 177a-180a, 181a, 208a-209a, 210a, 347b, 348b, 350b-358b
 correlation to Sites 717 and 718, 186a
 hydrocarbon gases, 164a-165a, 166a
 interstitial-water chemistry, 117b-125b, 127b-132b, 135b-139b, 165a-168a, 348b, 421b, 423b
 amino acids, 141b-144b
 ammonia, 167a, 423b
 barium, 117b-119b, 121b
 calcium, 128b, 131b, 166a, 169a, 423b
 carbonate, 135b-139b, 166a-167a, 169a
 chloride, 165a-166a
 chlorine, 128b, 130b, 423b
 copper, 118b, 119b-120b, 121b
 correlation to Site 717, 165a, 166a, 167a, 168a
 isotopic oxygen/hydrogen, 127b-132b
 magnesium, 128b, 132b, 166a, 169a, 423b
 manganese, 118b, 119b, 125b
 phosphate, 167a, 423b
 silica, 167a, 170a
 silicate, 423b
 sodium and potassium, 165a-166a, 169a
 strontium, 118b, 119b, 121b
 sulfate, 138b, 167a, 170a, 423b
 lithostratigraphy, 8b, 11b, 12b, 13b, 158a-162a, 186a, 321b, 346b, 348b
 carbonate, 162a
 correlation to Site 717, 158a, 159a, 160a, 161a, 162a, 186a, 187a
 correlation to Site 718, 186a, 187a
 facies 7 (hemiturbidites), 25b-26b, 27b, 28b, 31b-33b, 388b-389b, 393b
 grain size, 161a-162a
 pyrite, 162a
 units, 15b, 17b, 129b-132b, 159a-161a, 363b-364b, 370b-371b, 373b, 379b-390b
 logging, 182a-185a, 188a-196a, 347b, 349b, 372b, 373b
 magnetic properties, 168a-172a, 202a, 317b-335b, 337b-344b
 correlation to Sites 717 and 718, 168a, 169a, 170a, 171a, 186a
 declination, 170a, 171a, 340b-341b
 inclination, 168a-170a, 171a, 339b-340b
 intensity, 337b-339b, 341b-342b
 remanent intensity, 29b-30b, 168a, 170a
 susceptibility, 29b-30b, 170a-172a, 318b, 319b, 321b, 334b, 343b-344b
 mineralogy, 8m-14m, 59b-72b
 navigational data, 29a, 30a-36a
 P-wave velocity, 311b-315b
 physical properties, 172a-177a, 311b-315b, 365b-368b, 371b-374b
 bulk density, 28b, 31b, 172a, 174a, 175a, 176a
 correlation to Site 717, 172a
 correlation to Site 718, 172a
 porosity, 172a, 174a, 175a, 176a, 348b-350b, 351b, 371b, 372b-373b, 374b
 shear strength, 173a, 176a, 179a
 sonic velocity, 28b-29b, 31b, 172a, 176a, 177a
 thermal conductivity, 172a-173a, 176a, 178a
 water content, 172a, 174a, 175a, 176a
 sediment accumulation rate, 19b-22b, 27b-28b, 30b, 32b-33b, 164a, 186b-187b, 346b, 348b
 sedimentary structures, 8b-13b
 biogenic, 15b-19b, 26b-28b, 29b
 biogenic, zonation, 19b-20b, 22b
 depositional history, 18b-19b, 26b-28b, 30b-33b
 sedimentology, 65b-72b, 159a-161a, 390b-392b, 394b, 395b
 seismic stratigraphy, 166b, 179a, 180a-182a, 183a, 198a, 200a, 281b, 283b, 311b-315b, 399b-400b, 408b
 correlation to Site 717, 181a, 182a
 correlation to Site 718, 181a
 reflection profiles, 184a, 199a, 204b, 206a-207a, 214b, 346b, 365b, 379b, 404b, 409b
 slump deposits, 392b-393b
 sonic velocity, 28b-29b, 31b, 172a, 176a, 177a, 312b, 315b, 372b, 374b
 tectonic uplift, 364b-365b, 393b-395b, 398b-399b
 correlation to Site 717, 157a
 Site 720, clay mineralogy, 55b

PALEONTOLOGICAL INDEX

- Abies* spp., Bengal Fan: Site 717, 253b, 254b
 Acanthaceae, Bengal Fan: Site 717, 255b
Actinocyclus divisus, Bengal Fan: Site 719, 163a
Actinocyclus spp., Bengal Fan: Site 717, 240b
 Actinomids, Bengal Fan: Site 719, 163a
Actinoptychus spp., Bengal Fan: Site 717, 240b
Alnus, Bengal Fan: Site 717, 257b
Amaurolithus amplificus
 Bengal Fan: Site 717, 56a
 first occurrence, 174b
 Bengal Fan: Site 719, 181b
 first occurrence, 164a
Amaurolithus primus, Bengal Fan: Site 718, abundance, 180b
Ammonia beccarii, Bengal Fan: Site 717, abundance, 191b, 203b
Anthocytidium sp., Bengal Fan: Site 718, 100a
Artemisia, Bengal Fan: Site 717, 255b
 Benthic foraminifers
 abundance estimates, 20a-21a
 Bengal Fan: Site 717, 52a, 55a-56a
 abundance, 192b-199b, 200b-203b
 agglutinated fauna, 191b
 assemblages, 191b, 215b-217b, 218b-222b, 224b-229b, 232b, 235b, 236b
 biochronology, 235b-236b
 biostratigraphy, 191b-206b, 235b-236b
 bottom-water influence, 189b-190b, 191b
 Cenozoic, 191b
 Cretaceous, 191b, 203b
 lithostratigraphy, 217b, 222b, 232b, 235b-236b
 nonreworked species, 192b-199b
 Pleistocene, 55a
 Pliocene, 55a, 216b-217b
 reworked species, 191b, 192b-199b
 sources, 203b-204b
 Bengal Fan: Site 718
 abundance, 203b
 assemblages, 215b-217b, 222b, 230b-232b, 235b, 236b
 biochronology, 235b-236b
 biostratigraphy, 235b-236b
 lithostratigraphy, 217b, 232b, 235b-236b
 Bengal Fan: Site 719, 163a-164a
 assemblages, 215b-217b, 223b, 232b-235b, 236b
 biochronology, 235b-236b
 biostratigraphy, 235b-236b
 lithostratigraphy, 217b, 232b, 235b-236b
 Zone N7, Bengal Fan: Site 718, 102a
 Zone N8, Bengal Fan: Site 718, 102a
 Zones N11-N12, Bengal Fan: Site 718, 102a
 Zones N16-N20, Bengal Fan: Site 718, 101a-102a
 Zones N18-N19, Bengal Fan: Site 717, 55a
 Zone N21, Bengal Fan: Site 719, 163a
 Zone N22, Bengal Fan: Site 718, 101a
Bolivina spp., Bengal Fan: Site 717, abundance, 191b
Buccinosphaera invaginata Zone
 Bengal Fan: Site 717, 207b
 Bengal Fan: Site 718, 207b
 Bengal Fan: Site 719, 163a, 207b
 Calcareous nannofossils
 abundance estimates, 21a
 Bengal Fan: Site 717, 52a, 55a-57a

PALEONTOLOGICAL INDEX

- age-depth relationship, 167b, 186b, 187b
 biostratigraphy, 167b-175b, 176b-180b, 181b
 zonation, 56a-57a, 169b, 170b-173b, 174b,
 175b, 176b-179b, 180b, 181b
 Bengal Fan: Site 718
 age-depth relationship, 167b, 186b, 187b
 biostratigraphy, 167b, 168b, 175b, 180b, 181b
 Pleistocene, 103a
 Pleistocene/Pliocene, hiatus, 186b
 Pliocene hiatus, 175b
 Bengal Fan: Site 719, 164a
 age-depth relationship, 167b, 186b, 187b
 biostratigraphy, 167b, 168b, 181b-186b
 zonation, 182b-185b
Gephyrocapsa acme interval, Bengal Fan: Site
 719, 164a
 Miocene/Pliocene boundary, Bengal Fan: Site
 719, 164a
 Pleistocene/Pliocene boundary, Bengal Fan:
 Site 718, 103a
 Pliocene/Miocene boundary, Bengal Fan: Site
 718, 103a
 sedimentation rate, marker species, 187b
 Bengal Fan: Site 718, 187b
 Zone CN4, Bengal Fan: Site 718, 103a
 Zones CN5-CN6, Bengal Fan: Site 718, 103a
 Zone CN7
 Bengal Fan: Site 717, 57a
 Bengal Fan: Site 718, 103a
 Zone CN8b, Bengal Fan: Site 717, 57a
 Zone CN9, Bengal Fans: Site 719, 164a
 Zone CN9b, Bengal Fan: Site 717, 56a
 Zone CN10a-CN10b, Bengal Fan: Site 719,
 164a
 Zone CN10b, Bengal Fan: Site 717, 56a
 Zone CN11
 Bengal Fan: Site 717, 56a
 Bengal Fan: Site 719, 164a
 Zone CN12a-CN12b, Bengal Fan: Site 719,
 164a
 Zone CN12a-CN12d, Bengal Fan: Site 717, 56a
 Zone CN13, Bengal Fan: Site 717, 56a
 Zone CN13b
 Bengal Fan: Site 717, 56a
 Bengal Fan: Site 719, 164a
 Zone CN14a-CN14b
 Bengal Fan: Site 717, 56a
 Bengal Fan: Site 719, 164a
 Zone CN15
 Bengal Fan: Site 718, 103a
 Bengal Fan: Site 719, 164a
Cassidulina subglobosum, Bengal Fan: Site 717,
 206b
Catinaster coalitus
 Bengal Fan: Site 717
 abundance, 167b
 last occurrence, 175b
 Bengal Fan: Site 718
 first occurrence, 103a, 181b
 last occurrence, 180b
Catinaster coalitus Zone, Bengal Fan: Site 718,
 103a
Cedrus deodara, Bengal Fan: Site 717, 254b
Ceratolithus acutus, Bengal Fan: Site 719, first
 occurrence, 186b
Ceratolithus armatus
 Bengal Fan: Site 717, 56a, 174b
 first occurrence, 174b
 Bengal Fan: Site 719
 first occurrence, 164a, 186b
 last occurrence, 164a
Ceratopteris, Bengal Fan: Site 717, 256b
 Chenopodiaceae, Bengal Fan: Site 717, 255b
 Coccoliths, Bengal Fan: Site 717, 56a
Collosphaera tuberosa Zone, Bengal Fan: Site
 717, 52a
Coscinodiscus radiatus, Bengal Fan: Site 717,
 247b
Coscinodiscus spp., Bengal Fan: Site 717, 240b
Coscinodiscus temperi, Bengal Fan: Site 717, 55a
Cyclicargolithus floridanus, Bengal Fan: Site
 718, last occurrence, 181b
 Cyperaceae, Bengal Fan: Site 717, concentration,
 249b
Diartus petterssoni Zone
 Bengal Fan: Site 717, 207b, 208b
 Bengal Fan: Site 719, 207b, 208b
 Diatoms
 Bengal Fan: Site 717, 51a-52a, 54a-55a
 abundance, 239b-241b
 correlation to Site 213, 239b
 correlation to Site 215, 239b
 correlation to Site 238, 239b
 tropical Indian Ocean diatom (TID) zones,
 239b-240b
 Bengal Fan: Site 719, 162a-163a
 Cenozoic, 163a
 Pleistocene/Miocene boundary, Bengal Fan:
 Site 719, 163a
 Pliocene, Bengal Fan: Site 717, 55a
 Pliocene/Pleistocene boundary
 Bengal Fan: Site 717, 239b
 Bengal Fan: Site 718, 101a
 pyritized
 Bengal Fan: Site 717, 243b-247b
 Pliocene, 243b
 Zone CN12d, Bengal Fan: Site 717, 243b,
 244b
Dictyocha messanensis, Bengal Fan: Site 719,
 163a
Dictyocha sp.
 Bengal Fan: Site 717, 54a
 Bengal Fan: Site 718, 101a
Dictyocoryne profunda, Bengal Fan: Site 719,
 163a
Discoaster asymmetricus
 Bengal Fan: Site 717, 56a
 last occurrence, 216b
Discoaster berggrenii
 Bengal Fan: Site 717, last occurrence, 174b
 Bengal Fan: Site 718, last occurrence, 180b
 Bengal Fan: Site 719, last occurrence, 186b
Discoaster brouweri
 Bengal Fan: Site 717, last occurrence, 169b
 Bengal Fan: Site 719, 164a
 last occurrence, 186b
Discoaster hamatus
 Bengal Fan: Site 718, 103a
 abundance, 180b-181b
Discoaster hamatus Zone, Bengal Fan: Site 718,
 103a
Discoaster loeblichii, Bengal Fan: Site 717, abun-
 dance, 174b
Discoaster neohamatus
 Bengal Fan: Site 717, 56a
 abundance, 174b
Discoaster pentaradiatus
 Bengal Fan: Site 717, 56a
 last occurrence, 169b
Discoaster quinqueramus
 Bengal Fan: Site 717, 56a
 first occurrence, 174b
 last occurrence, 174b, 235b
 Bengal Fan: Site 718, 103a
 first occurrence, 180b
 last occurrence, 180b, 235b
 Bengal Fan: Site 719
 first occurrence, 164a
 last occurrence, 186b, 235b
Discoaster spp., Bengal Fan: Site 718, 103a
Discoaster surculus
 Bengal Fan: Site 717
 abundance, 169b
 first occurrence, 174b
 last occurrence, 169b, 216b
 Bengal Fan: Site 719, last occurrence, 186b
Discoaster tristellifer, Bengal Fan: Site 718, abun-
 dance, 180b
Discoaster variabilis
 Bengal Fan: Site 717, 56a
 abundance, 169b
 last occurrence, 169b
 Discoasters, Bengal Fan: Site 717, 56a
Distephanus spp., Bengal Fan: Site 717, 54a

Eggerella bradyi, Bengal Fan: Site 717, 206b
Elphidium spp., Bengal Fan: Site 717, abundance,
 191b
Emiliana huxleyi
 Bengal Fan: Site 717, 56a, 167b
 Bengal Fan: Site 718, 103a
 Bengal Fan: Site 719, 164a, 181b
Ephedra, Bengal Fan: Site 717, 255b
Epistominella exigua, Bengal Fan: Site 717, 206b
Eponides weddellensis
 Bengal Fan: Site 717, 206b
 abundance, 191b
 Ericaceae, Bengal Fan: Site 717, 255b
Ethmodiscus rex, Bengal Fan: Site 717, 55a
Euchitonia elegans, Bengal Fan: Site 718, 100a
 Euphorbiaceae
 Bengal Fan: Site 717, 255b
 concentration, 249b

Gephyrocapsa Acme
 Bengal Fan: Site 717, 217b, 235b
 Bengal Fan: Site 719, 235b
Gephyrocapsa oceanica
 Bengal Fan: Site 717, 56a, 167b, 169b
 first occurrence, 217b, 235b
 Bengal Fan: Site 718, first occurrence, 180b
 Bengal Fan: Site 719, first occurrence,
 185b-186b, 235b
Gephyrocapsa, small
 Bengal Fan: Site 717, abundance, 169b
 Bengal Fan: Site 719, abundance, 181b
Gephyrocapsa spp., Bengal Fan: Site 719, 164a
Globigerinoides spp., Bengal Fan: Site 718, 102a
Globorotalia spp., Bengal Fan: Site 718, 102a
Globorotalia truncatulinoides, Bengal Fan: Site
 717, 55a
 Gramineae
 Bengal Fan: Site 717, 256b
 concentration, 249b
Guembelitra spp., Bengal Fan: Site 717, abun-
 dance, 191b
Gyroidina soldanii, Bengal Fan: Site 717, 206b

Helicosphaera ampliaperata
 Bengal Fan: Site 718, 103a
 last occurrence, 103a, 175b, 181b
Heterohelix spp., Bengal Fan: Site 717, abun-
 dance, 191b
Hyalinea balthica
 Bengal Fan: Site 717, 217b
 Bengal Fan: Site 719, 217b
 first occurrence, 163a-164a

Ilex, Bengal Fan: Site 717, 257b
Impatiens, Bengal Fan: Site 717, 257b

- Liosphaerids, Bengal Fan: Site 719, 163a
- Malvaceae, Bengal Fan: Site 717, 255b
- Meliaceae, Bengal Fan: Site 717, 255b
- Myricaceae, Bengal Fan: Site 717, 255b
- Nassellaria
 Bengal Fan: Site 717, abundance, 211b-212b
 Bengal Fan: Site 718, abundance, 211b-212b
 Bengal Fan: Site 719, abundance, 211b-212b
- Nitzschia reinholdii*, Bengal Fan: Site 719, 163a
- Nuttallides umbonifera*
 Bengal Fan: Site 717, 206b
 abundance, 191b
- Pediastrum* spp., Bengal Fan: Site 717, 253b, 257b
- Pentaceae*, Bengal Fan: Site 717, 255b
- Phytoliths
 Bengal Fan: Site 717, 54a
 Bengal Fan: Site 719, 162a
- Picea* spp., Bengal Fan: Site 717, 250b
- Pinus* spp., Bengal Fan: Site 717, 253b, 254b
- Planktonic foraminifers
 abundance estimates, 20a-21a
 Bengal Fan: Site 717, 52a, 55a-56a
 abundance, 191b, 200b-203b
 Miocene, 55a
 Bengal Fan: Site 718, abundance, 203b
 Bengal Fan: Site 719, 163a
 Pliocene/Pleistocene boundary, Bengal Fan:
 Site 719, 163a
- Planulina wuellerstorfi*, Bengal Fan: Site 717,
 206b
- Podocarpus* spp.
 Bengal Fan: Site 717, 249b, 253b
 transport, 249b, 250b
- Pollen and spores
 Bengal Fan: Site 717, 249b-257b
 biostratigraphy, 251b-252b
 climatic changes, 253b
 terrestrial vs. marine sequences, 253b
 zones, 249b, 253b
 Pleistocene, Bengal Fan: Site 717, 249b, 253b
- Pseudoemiliana lacunosa*
 Bengal Fan: Site 717, 56a
 abundance, 169b
- first occurrence, 169b
 last occurrence, 169b
- Bengal Fan: Site 718, 103a, 175b, 180b
 last occurrence, 175b
- Bengal Fan: Site 719
 abundance, 181b, 186b
 first occurrence, 186b
 last occurrence, 164a, 181b
- Pseudoemiliana lacunosa* Zone, Bengal Fan: Site
 717, 56a
- Quercus*, Bengal Fan: Site 717, 255b
- Radiolarians
 abundance estimates, 207b-212b
 Bengal Fan: Site 717, 51a-52a
 Quaternary, 207b
 reworked, 208b, 212b
 Bengal Fan: Site 718, 98a, 100a
 Holocene, 100a
 Quaternary, 100a, 207b
 Bengal Fan: Site 719, 163a
 Quaternary, 207b
 reworked, 212b
- Reticulofenestra pseudoumbilica*
 Bengal Fan: Site 717, 56a
 last occurrence, 169b, 235b
 Bengal Fan: Site 718, 103a
 last occurrence, 180b
 Bengal Fan: Site 719, 164a
 last occurrence, 186b, 235b
- Rhizammina algaeformis*, Bengal Fan: Site 717,
 abundance, 191b
- Rhizosolenia praebergonii*, Bengal Fan: Site 717,
 239b, 240b
- Silicoflagellates
 Bengal Fan: Site 717, 51a-52a, 54a
 Bengal Fan: Site 719, 163a
- Sonneratia* spp., Bengal Fan: Site 717, 253b, 257b
- Sphaeroidinella dehiscens*, Bengal Fan: Site 719,
 163a
- Sphaeroidinellopsis seminulina*
 Bengal Fan: Site 718, 101a, 102a
 Bengal Fan: Site 719, 163a
- Sphenolithus abies*
 Bengal Fan: Site 717, 56a
 last occurrence, 169b, 235b
- Bengal Fan: Site 718, 103a
 last occurrence, 180b
- Bengal Fan: Site 719, 164a
 last occurrence, 186b, 235b
- Sphenolithus heteromorphus*
 Bengal Fan: Site 718
 first occurrence, 103a
 last occurrence, 181b
- Spongaster pentas*, Bengal Fan: Site 718, 100a
- Sponge spicules, Bengal Fan: Site 717, 54a, 247b
- Spumellaria
 Bengal Fan: Site 717, abundance, 211b
 Bengal Fan: Site 718, abundance, 211b
 Bengal Fan: Site 719, abundance, 211b
- Stetsonia horvathi*
 Bengal Fan: Site 717, 206b
 abundance, 191b
- Symplocos*, Bengal Fan: Site 717, 255b
- Thalassiosira oestrupii*
 Bengal Fan: Site 717, 247b
 Bengal Fan: Site 718, 101a
- Thalassiosira* spp., Bengal Fan: Site 717, 241b
- Trace fossils
 Bengal Fan
Chondrites, 15b, 17b, 18b, 19b, 20b, 23b, 29b
Phycosiphon, 15b-16b, 17b, 19b, 20b, 21b,
 29b, 30b
Planolites, 16b, 17b, 18b, 19b, 20b, 21b, 29b
Skolithos, 16b, 17b, 19b
Thalassinoides, 16b, 17b, 18b, 19b, 21b
 vertical zonation, 20b, 26b-28b
Zoophycos, 17b, 18b, 19b, 23b
 Bengal Fan: Site 717, 15b-18b, 26b, 29b
 Bengal Fan: Site 718, 15b-18b, 26b, 29b
 Bengal Fan: Site 719, 15b-18b, 26b, 29b
- Triceratium favus*, Bengal Fan: Site 717, 246b,
 247b
- Tsuga* spp., Bengal Fan: Site 717, 253b, 254b,
 256b
- Ulmaceae, Bengal Fan: Site 717, 255b