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Oversized Tables

Chapter 3: Table 6. Range chart of planktonic foraminifers at Site 1035.

Chapter 4: Table 4. Range chart of planktonic foraminifers at Site 1036.

Chapter 5: Table 3. Stratigraphic ranges of planktonic foraminifers at Site 1037 and additional information on fossil condition, zone, age, lithologic unit, and a description of the sample lithology and constituents of the sand-sized fraction.

Chapter 6: Table 4. Stratigraphic ranges of planktonic foraminifers at Site 1038 and additional information on fossil condition, zone, age, lithologic unit, and a description of the sample lithology and constituents of the sand-sized fraction.

CD-ROM

Two CD-ROMs are located in the back of the volume. The “*Proceedings, Initial Reports*” CD-ROM includes electronic versions of the Leg 169S and Leg 169 *Initial Reports* volumes in Adobe Acrobat. For Leg 169, the *Proceedings* CD also includes ASCII tab-delimited versions of some tables from the volume (see list of files below) as well as smear-slide and thin-section data tables. The *Proceedings* CD also includes a QuickTime video of an active hydrothermal vent, filtered multisensor track data tables, a detailed operations appendix, structure data tables, and scans of the original shipboard descriptions of the structural and lithologic features of the Leg 169 cores. The “Log and Core Data” CD-ROM contains depth-shifted and processed logging data provided by the Borehole Research Group at the Lamont-Doherty Earth Observatory, Wireline Logging Operator for ODP. The log and core data CD-ROM also contains shipboard GRAPE (gamma-ray attenuation porosity evaluator), index properties, magnetic susceptibility, *P*-wave, and natural gamma data of cores collected on board the *JOIDES Resolution* during Leg 169.

PROCEEDINGS, INITIAL REPORTS CD

The *Initial Reports* volume is designed for Adobe Acrobat Reader 3 software. The software is supplied on the CD. All files with a .PDF extension should be viewed through Acrobat. Data tables in an ASCII format (files with a .TXT extension) should be opened through a spreadsheet or text-editing software application.

There are five starting points for this CD in the root directory:

ACROREAD.TXT is an ASCII file that explains how to install Adobe Acrobat on any of the available platforms.

README.PDF is an Acrobat file that contains information about the CD, lists available files and how to use them, and describes how the core images were created.

README.TXT is an ASCII file that contains information about the CD, lists available files and how to use them, and describes how the core images were created.

169SIR.PDF lists the table of contents for the Leg 169S volume. It also contains links to the volume chapters.

169IR.PDF lists the table of contents for the Leg 169 volume and ASCII tables (files with .TXT extensions). It also contains links to the volume chapters.

Directory Structure for 169_IR:

ACROREAD.TXT (readme file for Acrobat Reader)
README.PDF (PDF readme file for Legs 169S and 169 *Initial Reports* volumes)
README.TXT (ASCII readme file for Legs 169S and 169 *Initial Reports* volumes)
NDX_READ.PDF (readme file for Compiled Electronic Index of the *Proceedings of the Ocean Drilling Program*)
169IR.PDF (volume table of contents)
ACROBAT (Acrobat software)

169_IR

PRELIM.PDF (volume preliminary pages)
DEDICA.PDF (volume dedication)
ACKNOWL.PDF (volume acknowledgments)
CHAP_01.PDF
CHAP_02.PDF
CHAP_03.PDF
CHAP_04.PDF
CHAP_05.PDF
CHAP_06.PDF
MOVIE.PDF (QuickTime video of an active hydrothermal vent at Hole 1035F)
VCD####.PDF (core descriptions by site)
SS####.PDF (smear-slide data tables in PDF format by site)
SS (smear-slide data tables in ASCII format by site)
TS####.PDF (thin-section data tables in PDF format by site)
TS (thin-section data tables in ASCII format by site)
OPERAPP.PDF (Operations Data Appendix—a detailed description of drilling operations)
TABLES (see below for list of files)
INDEX (Acrobat catalog of this volume)
LEG_DATA (see below for lists or descriptions of files)
MSTDATA (filtered multisensor track data tables)
STRDATA (structure data tables in ASCII format by site)
SCANS (see below for descriptions of files)
STRSCANS (details of the structural features of the cores by section)
VCDSCANS (details of the lithologic features of the cores by section)
INDEX (Compiled Electronic Index of the *Proceedings of the Ocean Drilling Program*)

List of TABLES files:

CHAP_02 (Chapter 2, Explanatory Notes):

02_04.TXT: Table 4. Example of structural core description spreadsheet.

CHAP_03 (Chapter 3, Middle Valley: Bent Hill Area [Site 1035]):

03_01A.TXT: Table 1A. Expanded version of coring summary, Hole 856H.

03_01B.TXT: Table 1B. Expanded version of coring summaries, Site 1035.

03_17.TXT: Table 17. Structural measurements, Holes 1035A, 1035D, 1035F, and 1035H.

03_18.TXT: Table 18. Expanded version of structural features observed in cores from Hole 856H.

03_19.TXT: Table 19. Composition of pore fluids from sediment fill, Hole 856H.

03_20.TXT: Table 20. Chemical composition of pore fluids from Site 1035.

03_21.TXT: Table 21. Compositions of hydrothermal fluids in the Bent Hill area.

03_22.TXT: Table 22. Composition of gas derived from sediment and fluid headspace samples, Hole 856H and Site 1035.

03_23.TXT: Table 23. Various parameters for the solvent soluble organic matter in sediments from Holes 1035A, 1035C, 1035D, 1035E, and 1035G.

03_24.TXT: Table 24. Weight percentages of C, N, S, inorganic C, and values of C/N and C/S for sediments from Hole 856H and Site 1035.

03_25.TXT: Table 25. Index properties, Bent Hill area, Site 1035 and Hole 856H.

03_26.TXT: Table 26. Thermal conductivity measurements, Bent Hill area, Site 1035 and Hole 856H.

03_28.TXT: Table 28. Summary of rock magnetic data obtained from 36 samples, Hole 856H.

03_29.TXT: Table 29. IRM acquisition data, Hole 856H samples.

CHAP_04 (Chapter 4, Middle Valley: Dead Dog Area [Site 1036]):

04_01A.TXT: Table 1A. Coring summary, Hole 1036A.

04_01B.TXT: Table 1B. Coring summary, Hole 857D.

04_01C.TXT: Table 1C. Coring summary, Hole 858G.

04_05.TXT: Table 5. Summary of structural features, Hole 1036A.

04_06.TXT: Table 6. Composition of borehole fluids, Hole 858G.

04_07.TXT: Table 7. Composition of hydrothermal fluids, Bent Hill area.

04_08.TXT: Table 8. Composition of pore water in sediment, Site 1036.

04_09.TXT: Table 9. Composition of gas derived from Holes 857D and 858G and Site 1036.

04_10.TXT: Table 10. Various parameters for the solvent soluble organic matter in sediments from Holes 1036A, 1036B, and 1036C (Dead Dog Vent Field).

04_11.TXT: Table 11. Weight percentages for Holes 1036A, 1036B, and 1036 (Dead Dog Vent Field).

04_12.TXT: Table 12. Index properties measurements, Holes 1036A, 1036B, and 1036H.

04_13.TXT: Table 13. Thermal conductivity measurements, Holes 1036A, 1036B, and 1036H.

CHAP_05 (Chapter 5, Escanaba Trough: Reference Site [Site 1037]):

05_01.TXT: Table 1. Coring summary, Site 1037.

05_06.TXT: Table 6. Summary of structural features, Hole 1037B.

05_07.TXT: Table 7. Chemical composition of pore fluids from Site 1037.

05_08.TXT: Table 8: Composition of gas in headspace or void samples derived from sediments at Site 1037.

05_09.TXT: Table 9: Various parameters for the solvent soluble organic matter in sediments from Hole 1037B.

05_10.TXT: Table 10. Weight percentages for Hole 1037B.

05_11.TXT: Table 11. Index properties, Escanaba Trough Reference Site, Hole 1037B.

05_12.TXT: Table 12. Thermal conductivity measurements, Escanaba Trough Reference Site, Hole 1037B.

CHAP_06 (Chapter 6, Escanaba Trough: Central Hill [Site 1038]):

06_01.TXT: Table 1. Coring summary, Site 1038.

06_07.TXT: Table 7. Summary of structural features, Holes 1038G and 1038H.

06_08.TXT: Table 8. Chemical composition of pore-fluids, Site 1038.

06_09.TXT: Table 9. Composition of gas in headspace or void samples derived from sediments, Site 1038.

06_10.TXT: Table 10. Various parameters for the solvent soluble organic matter in sediments, Site 1038.

06_11.TXT: Table 11. Weight percentages for sediment, Site 1038.

06_12.TXT: Table 12. Index properties measurements, Site 1038.

06_13.TXT: Table 13. Thermal conductivity measurements, Site 1038.

QuickTime Video File:

The *Proceedings* CD-ROM includes black-and-white QuickTime video footage from the ODP vibration-isolated drill string television camera (drill string and bit in the top center of the image). The video shows active venting of hot (>250°C) hydrothermal fluid issuing from the throat of a reentry funnel (left-hand side of image). The footage was shot at 2450 m (>8000 ft) below sea level; field of view = ~15 m (~50 ft). The video clip requires Acrobat 3 to run.

Software called XAnim is recommended for running QuickTime movies as a stand-alone file on UNIX systems. For information about the program see this site:

<http://xanim.va.pubnix.com/>. It may require compilation.

List of LEG_DATA files:

MSTDATA (multisensor track data tables):

As with many other ODP legs, the Leg 169 MST data are essentially unfiltered. The user should be aware of this fact and refer to the core photographs, the VCDs, and the physical properties sections in the volume. Although most of the data accurately represents the core as recovered, this is not necessarily what the user requires. In most circumstances, the user is unlikely to require data that reflect the effects of voids in the core, gas in the sediment fabric, and other forms of drilling disturbance. During Leg 169, many of the recovered sediments contained free gas on board the ship and, hence, no velocity values were collected from these regions.

Before using the data, the user should be aware of the problem of varying degrees of disturbance in different lithologies when using different coring tools. Cores were obtained using advanced hydraulic piston corer (APC), extended core barrel (XCB), and rotary core barrel (RCB) tools, and this should be taken into consideration when filtering the data. For example, many of the silty clay turbidite sequences were cored using the XCB, which produces biscuits of relatively undisturbed sediments surrounded by drilling slurry. Typically the *P*-wave velocity is markedly lower in the slurry (perhaps by 200 m/s). The gamma density can sometimes be markedly lower and, at other times, not so different. The magnetic susceptibility is little affected in such cases. In summary, the user is encouraged to use this data with care as some form of filtering process is almost certainly needed depending on the use to which the data is put.

The MST data files are ASCII files that are organized by site in the following directory structure:

- 1035
- 1036
- 1037
- 1038
- 856

The MSDATA files are named according to hole number and type of data file (i.e., GR = gamma ray, MS = magnetic susceptibility, NG = natural gamma, PW = *P*-wave, and GRA = GRAPE). The filtered MSTDATA files are provided in addition to the raw shipboard GRAPE, index properties, magnetic susceptibility, *P*-wave, and natural gamma data files, which are presented on the "Log & Core Data" CD-ROM that accompanies this volume.

STRDATA (structure data tables by site):

- ST1035.TXT
- ST1036.TXT
- ST1037.TXT
- ST1038.TXT

List of SCANS files:

SCANS files are digital versions of handwritten notes compiled by scientists who participated on ODP Leg 169. These files were assembled under time constraints and do not incorporate final interpretations or conclusions of the Shipboard Scientific Party. These files represent the equivalent of field notes and should not be considered as anything else than a guide to sampling the cores.

STRSCANS (structural features of the cores):

STRSCANS files are descriptions of the structural features of cores on a section-by-section basis. Not all cores are represented. These notes are presented in a PDF format. Files are named according to ODP numbering convention, such that file 36A3H2.PDF is the description for Section 169-1036A-3H-1.PDF (the letter C before the .PDF extension indicates the core catcher).

VCDESCANS (lithologic features of the cores):

VCDESCANS files are the notes used to prepare the visual core descriptions presented in the Leg 169 *Initial Reports* volume. These section-by-section notes are presented in a PDF format. These files are named according to ODP numbering convention, such that file 035A12X4.PDF is the description for Section 169-1035A-12X-4 (the letter C before the .PDF extension indicates the core catcher).

ODP LEG 169 LOG & CORE DATA

The CD-ROM is a "data-only" CD-ROM containing both depth shifted and processed logging data provided by the Borehole Research Group at the Lamont-Doherty Earth Observatory as well as shipboard GRAPE (gamma ray attenuation porosity evaluator), index properties, magnetic susceptibility, *P*-wave, and natural gamma data of cores collected aboard the *JOIDES Resolution* during Leg 169. CD-ROM production was carried out by the Borehole Research Group at the Lamont-Doherty Earth Observatory, Wireline Logging Operator for ODP.

Directory Structure:

- COREDATA directory
 - README document
 - SITE number subdirectory
 - HOLE number subdirectory
 - GRAPE data file
 - INDEX data file
 - MAGSUS data file
 - NATGAM data file
 - PWAVE data file
 - GRAPE documentation file
 - Index properties documentation file
 - Magnetic susceptibility documentation file
 - Natural gamma documentation file
 - P*-wave documentation file
- GEN_INFO directory
 - ACRONYMS.DOC (list of acronyms)
 - FIGURES.DOC (log summary figure documentation)

FORMAT.DOC (CD-ROM format documentation)
INDEX.DOC (CD-ROM file summary)
README.DOC (information on whom to contact)
SOFTWARE.DOC (information for software packages, graphics software, and data compression)

LOG_DATA directory

HOLE number subdirectory
BASICLOG
Standard logs subdirectory
Acronyms and units file
Log data subdirectories
Individual tool data files
Processing documentation
Log summary figures (postscript and portable document format files)

FMS directory

FMS and dipmeter data subdirectory
Dipmeter in ASCII format file(s)
FMS images in PBM format (portable bit map—8-bit binary) subdirectory
1:1 ratio image subdirectory
Data files (every 10 m)
Raster documentation file
1:10 ratio image subdirectory
Data files (every 100 m)
Raster documentation file

NIH IMAGE directory (Raster imaging software for Macintosh)

The above structure is identical for each site and/or hole.

The INDEX.doc file contains a summary of all the files loaded on the CD-ROM. The software documentation file in the GEN_INFO directory contains information on which software packages work best to import PBM (portable bit map—8-bit binary) raster files. It also includes network sources for the graphics software and data compression information. The README file gives information on whom to contact with any questions about the production of data on the CD-ROM. All of the ASCII files (with the exception of the sonic wave form [SWF] files and log summary figures) are tab delimited for compatibility with most spreadsheet and database programs. Holes that have more than one logging pass with the same tools are labeled Main and Repeat for conventional logs, or Pass 1, Pass 2, etc., for FMS. If the files are not in separate directories, they may just be annotated with “m” and “r” or “1” and “2” in the data filenames where there is room for only one character.

Holes that have long logging runs are often divided into UPPER, MIDDLE, and LOWER directories. The files may just be annotated with “u”, “m”, or “l” in the data filenames where space permits. Check the documentation file for a given directory if it is not clear. The log summary figures were created on the UNIX and have been saved as postscript (.PS) files and are made available in portable document format (.PDF). For more information regarding the figures, please see FIGURES.DOC in the GEN_INFO directory.

In the FMS-PBM format directory, there are two subdirectories, 1:1 ratio with maximum 10-m-long image raster files and 1:10 ratio with maximum 100-m-long image raster files. The image raster files are named according to their depth interval. The raster documentation files contain image file parameter information necessary for use with most graphic software packages.

Summary of Log Data:

Hole 856H:

BASICLOG directory
High-resolution logs
Log-summary figures
Sonic waveforms
Standard logs
FMS directory
fms_dip
fms_pbm
1:1 ratio images
1:10 ratio images

Hole 858G:

BASICLOG directory
Temperature logs

Hole 1037B:

BASICLOG directory
High-resolution logs
Log summary figures
Sonic waveforms
Standard logs
Temperature data

Summary of ODP Core Data

Site 856

Hole H:

GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT

Site 1033

Hole A:

GRAPE.DAT
MAGSUS.DAT

Hole B:

GRAPE_1.DAT
GRAPE_2.DAT
MAGSUS.DAT
PWAVE.DAT

Hole C:

GRAPE.DAT
MAGSUS.DAT
PWAVE.DAT

Hole D:

GRAPE.DAT
MAGSUS.DAT
PWAVE.DAT

Site 1034

Hole A:

GRAPE.DAT
MAGSUS.DAT

Hole B:
GRAPE_1.DAT
GRAPE_2.DAT
MAGSUS.DAT
PWAVE.DAT
Hole C:
GRAPE.DAT
MAGSUS.DAT
PWAVE.DAT
Hole D:
GRAPE.DAT
MAGSUS.DAT
PWAVE.DAT
Hole E:
GRAPE_1.DAT
GRAPE_2.DAT
MAGSUS.DAT
PWAVE.DAT
Site 1035
Hole A:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Hole C:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Hole D:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Hole E:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Hole F:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
Hole G:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
Hole H:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Site 1036

Hole A:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Hole B:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Hole C:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
NATGAM.DAT
PWAVE.DAT
Site 1037
Hole A:
GRAPE.DAT
MAGSUS.DAT
PWAVE.DAT
Hole B:
GRAPE_1.DAT
GRAPE_2.DAT
GRAPE_3.DAT
INDEX.DAT
MAGSUS_1.DAT
MAGSUS_2.DAT
PWAVE.DAT
Site 1038
Hole A:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
Hole B:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
PWAVE.DAT
Hole C:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
PWAVE.DAT
Hole D:
GRAPE.DAT
MAGSUS.DAT
Hole E:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
Hole F:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
Hole G:
GRAPE.DAT
INDEX.DAT

MAGSUS.DAT
Hole H:
GRAPE.DAT
INDEX.DAT
MAGSUS.DAT
PWAVE.DAT

Hole I:
GRAPE_1.DAT
GRAPE_2.DAT
INDEX.DAT
MAGSUS.DAT
PWAVE.DAT