TABLE OF CONTENTS

VOLUME 175—INITIAL REPORTS

SECTION 3: SYNTHESES

SECTION 4: CORES

Core-description forms and core photographs:

SECTION 5: SMEAR SLIDES (CD-ROM)

Smear-slide data in both PDF and ASCII formats are on the *"Proceedings, Initial Reports"* CD-ROM (see back pocket):

SECTION 6: SHORE-BASED PROCESSED LOGS (CD-ROM)

Shore-based processed logging data and descriptions in PDF format are on the *"Proceedings, Initial Reports"* CD-ROM (see back pocket).

Note: The bulk of the shipboard-collected data from this leg is available on the World Wide Web, which is accessible at <http://www-odp.tamu.edu/database>. If you cannot access this site or need additional data, please contact the ODP Data Librarian, Ocean Drilling Program, Texas A&M University, College Station, TX 77845, U.S.A. (e-mail: database@odp.tamu.edu.

BACK-POCKET MATERIALS

Oversized Table

Chapter 10, Table 4. Relative abundance of benthic foraminiferal species and overall abundance of benthic foraminifers at Hole 1082A.

CD-ROM

Two CD-ROMs are located in the back of the volume. The *"Proceedings, Initial Reports"* CD-ROM includes an electronic version of the Leg 175 *Initial Reports* volume in Adobe Acrobat as well as an ASCII tab-delimited versions of some tables from the volume and smear-slide data tables. 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, natural gamma, and color reflectance data of cores collected on board the *JOIDES Resolution* during Leg 175.

PROCEEDINGS, INITIAL REPORTS CD

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

Contents of 175_IR:

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

ACROREAD contains the software for Acrobat Reader 3 for all major software platforms (PC, Macintosh, and Unix) and other platforms.

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

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

175IR.PDF lists the table of contents for the Leg 175 *Initial Reports* volume and contains links to the volume chapters.

VOLUME contains the Leg 175 *Initial Reports* volume.

ODPINDEX contains the Compiled Electronic Index of the *Proceedings of the Ocean Drilling Program*.

VOLUME Directory Structure:

FRONTIS.PDF (volume frontispiece)
PRELIM.PDF (volume preliminary pages)
DEDICA.PDF (volume dedication)
ACKNOWL.PDF (volume acknowledgments)
BCKPKT.PDF (volume back-pocket table)
CHAPTERS
CHAP_01.PDF
CHAP_02.PDF
CHAP_03.PDF
CHAP_04.PDF
CHAP_05.PDF
CHAP_06.PDF
CHAP_07.PDF
CHAP_08.PDF
CHAP_09.PDF
CHAP_10.PDF
CHAP_11.PDF
CHAP_12.PDF
CHAP_13.PDF
CHAP_14.PDF
CHAP_15.PDF
CHAP_16.PDF
CHAP_17.PDF
CHAP_18.PDF
CHAP_19.PDF
CHAP_20.PDF
CHAP_21.PDF
CHAP_22.PDF
CHAP_23.PDF
TABLES (see below for list of files)CORES (digital core images and visual core descriptions)
IMAGES (digital core images)
VCD_####.PDF (visual core descriptions by site)
S_SLIDES (smear-slide descriptions by site in PDF and ASCII formats)
SS_####.PDF
SS_####.TXT
LOGGING.PDF (shore-based processed logs)
LEG_DATA (see below for lists or descriptions of files)
COMPSEC (composite section data tables in ASCII format by site)
SPECDATA (corrected color reflectance data tables in ASCII format by site)
CORESUM (coring summary data tables in ASCII format by site)

List of TABLES files:

CHAP_03 (Chapter 3, Site 1075):
03_01.TXT: Table 1. Expanded Site 1075 coring summary.
03_14.TXT: Table 14. Index properties measurements for Site 1075.
CHAP_04 (Chapter 4, Site 1076):
04_01.TXT: Table 1. Expanded Site 1076 coring summary.
04_14.TXT: Table 14. Index properties measurements for Site 1076.
CHAP_05 (Chapter 5, Site 1077):
05_01.TXT: Table 1. Expanded Site 1077 coring summary.
05_14.TXT: Table 14. Index properties measurements for Site 1077.
CHAP_06 (Chapter 6, Site 1078):
06_01.TXT: Table 1. Expanded Site 1078 coring summary.
06_13.TXT: Table 13. Index properties measurements for Site 1078.
CHAP_07 (Chapter 7, Site 1079):
07_01.TXT: Table 1. Expanded Site 1079 coring summary.
07_12.TXT: Table 12. Index properties measurements for Site 1079.
CHAP_08 (Chapter 8, Site 1080):
08_01.TXT: Table 1. Expanded Site 1080 coring summary.
08_11.TXT: Table 11. Index properties measurements for Site 1080.
CHAP_09 (Chapter 9, Site 1081):
09_01.TXT: Table 1. Expanded Site 1081 coring summary.
09_14.TXT: Table 14. Index properties measurements for Site 1081.
CHAP_10 (Chapter 10, Site 1082):
10_01.TXT: Table 1. Expanded Site 1082 coring summary.
10_15.TXT: Table 15. Index properties measurements for Site 1082.
CHAP_11 (Chapter 11, Site 1083):
11_01.TXT: Table 1. Expanded Site 1083 coring summary.

11_14.TXT: Table 14. Index properties measurements for Site 1083.

CHAP_12 (Chapter 12, Site 1084):

12_01.TXT: Table 1. Expanded Site 1084 coring summary.

12_16.TXT: Table 16. Index properties measurements for Site 1084.

CHAP_13 (Chapter 13, Site 1085):

13_01.TXT: Table 1. Expanded Site 1085 coring summary.

13_14.TXT: Table 14. Index properties measurements for Site 1085.

CHAP_14 (Chapter 14, Site 1086):

14_01.TXT: Table 1. Expanded Site 1086 coring summary.

14_12.TXT: Table 12. Index properties measurements for Site 1086.

CHAP_15 (Chapter 15, Site 1087):

15_01.TXT: Table 1. Expanded Site 1087 coring summary.

15_12.TXT: Table 12. Index properties measurements for Site 1087.

List of LEG_DATA files:

COMPSDAT (Composite section data):

Composite section data presented on this CD include for each site the mbsf-to-mcd offset table (Table 1), composite section splice table (Table 2), selected physical properties data (magnetic susceptibility, GRAPE density, and color reflectance [lightness L*, chromaticity b*, and red/blue ratio]) for all depth and holes in the mcd depth scale (Table 3), and a continuous data record of the shipboard composite section splice (Table 4). All tables are in tab-delimited (ASCII) format. File naming format includes the site number (e.g., 1075), followed by the table number (e.g., T1), appended with (.TXT). Tables 3 and 4 may have multiple copies with the file name root appended to specify the data type in the file. The appended file uses the following protocol: (MS) contains magnetic susceptibility data, (GR) contains GRAPE density data, (L) contains lightness data, (RB) contains red/blue ratio data, (B) contains chromaticity data. Thus, the GRAPE splice for Site 1075 would be named 1075T4GR.TXT. All site-specific folders contain a readme file, which describes the contents of each file within the folder. Each readme file is named by site number (e.g., 1075READ.ME).

The composite section data are organized in the following directory structure:

1075
- 1075READ.TXT
- 1075T1.TXT
- 1075T2.TXT
- 1075T3.TXT
- 1075T4.TXT

1076
- 1076READ.TXT
- 1076T1.TXT
- 1076T2.TXT
- 1076T3.TXT
- 1076T4.TXT

1077
- 1077READ.TXT
- 1077T1.TXT
- 1077T2.TXT
- 1077T3.TXT
- 1077T4.TXT

1078
- 1078READ.TXT
- 1078T1.TXT
- 1078T2.TXT
- 1078T3B.TXT
- 1078T3GR.TXT
- 1078T3MS.TXT
- 1078T3RB.TXT
- 1078T4B.TST
- 1078T4GR.TXT
- 1078T4MS.TXT
- 1078T4RB.TXT

1079
- 1079READ.TXT
- 1079T1.TXT
- 1079T2.TXT
- 1079T3.TXT
- 1079T4.TXT

1080
- 1080READ.TXT
- 1080T1.TXT
- 1080T2.TXT
- 1080T3B.TXT
- 1080T3L.TXT
- 1080T3RB.TXT
- 1080T3GR.TXT
- 1080T3MS.TXT
- 1080T4B.TXT
- 1080T4L.TXT
- 1080T4RB.TXT
- 1080T4GR.TXT
- 1080T4MS.TXT

1081
- 1081READ.TXT
- 1081T1.TXT
- 1081T2.TXT
- 1081T3GR.TXT
- 1081T3MS.TXT
- 1081T4GR.TXT
- 1081T4MS.TXT

1082
- 1082READ.TXT
- 1082T1.TXT
- 1082T2.TXT
- 1082T3B.TXT
- 1082T3MS.TXT
- 1082T4B.TXT
- 1082T4MS.TXT

1083
- 1083READ.TXT
- 1083T1.TXT
- 1083T2.TXT
- 1083T3GR.TXT
- 1083T3MS.TXT
- 1083T4GR.TXT
- 1083T4MS.TXT

1084
- 1084READ.TXT
- 1084T1.TXT
- 1084T2.TXT
- 1084T3L.TXT
- 1084T3MS.TXT
- 1084T4L.TXT
- 1084T4MS.TXT

1085
- 1085READ.TXT
- 1085T1.TXT
- 1085T2.TXT
- 1085T3L.TXT
- 1085T3MS.TXT
- 1085T4L.TXT
- 1085T4MS.TXT

1086
- 1086READ.TXT
- 1086T1.TXT
- 1086T2.TXT
- 1086T3L.TXT
- 1086T3MS.TXT
- 1086T4L.TXT
- 1086T4MS.TXT

1087
- 1087READ.TXT
- 1087T1.TXT
- 1087T2.TXT
- 1087T3GR.TXT
- 1087T3MS.TXT
- 1087T4GR.TXT
- 1087T4MS.TXT

SPECDATA (Corrected color reflectance data):
Color reflectance data on this CD-ROM consist of shipboard data downloaded from the Minolta CM-2002 spectrophotometer using the Spectrolog Program 3.0 on a Macintosh personal computer. Intensities of each spectral band were recorded in 10-nm increments from 400 to 700 nm. Measurements were made every 2 to 4 cm on the working half of split cores. The last 10 measurements in each file usually consist of white calibration standards.

These files are tab-delimited text files of color data for each hole. The first and last measurements for each core were deleted from most files. These data have depths attached, are not smoothed, and were corrected for individual outliers (voids, misfirings, drill mud, etc.)

The data files have the following columns: A: Leg; B: Site; C: Hole; D: Core; E: Type; F: Section; G: Interval(t) = top of measured interval in section; H: interval(b) = bottom of measured interval in section; I: Topmbsf = top mbsf; J: Botmbsf = bottom mbsf; K: Totref (L*) = Total reflectance (L*%); L and M: chrom.ind = chromaticity index; N, O, and P: Munsell = Munsell color code; Q: 400 nm; R: 410 nm through AU: 700 nm.

These data do not contain core-catcher measurements. Depth link-ups were performed using the JANUS Depth Utility for Sites 1075–1081A. The Depth-o-matic depth attaching utility was used for all other sites. Files generated using the Depth-o-matic differ in that they do not contain the “Bottom mbsf” column.

Color reflectance data for Sites 1075–1087 are organized in the following directory structure (Site 1075 is given as an example):

1075
- 1075ACOL.TXT
- 1075BCOL.TXT
- 1075CCOL.TXT

CORESUM (Coring summary data):
Coring summary data presented on this CD-ROM include core section and hole summaries for each site occupied during Leg 175. Coring summary data files are tab-delimited text files. They are named by hole number and whether the file is a core-hole (*hol.txt) or a section (*sec.txt) summary.

Coring summary data for Sites 1075–1087 are organized in the following directory structure (Site 1075 is given as an example):

1075
- 1075A
  - 1075AHOL.TXT
  - 1075ASEC.TXT
- 1075B
  - 1075BHOL.TXT
  - 1075BSEC.TXT
- 1075C
  - 1075CHOL.TXT
  - 1075CSEC.TXT

ODP LEG 175 LOG & CORE DATA

The CD-ROM in the back of this volume 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, reflectance, *P*-wave, and natural gamma data of cores collected on board *JOIDES Resolution* during Legs 175. CD-ROM production was conducted by the Borehole Research Group at the Lamont-Doherty Earth Observatory, Wireline Logging Operator for ODP.

Directory Structure:

CORE DATA directory
- README document
- SITE # subdirectory
  - HOLE # subdirectory
    - GRAPE data file
    - INDEX data file
    - MAGSUS data file
    - NATGAM data file
    - PWAVE data file
    - REFLECT data file
- GRAPE (gamma-ray attenuation porosity evaluator) documentation file
- Index properties documentation file
- Magnetic susceptibility documentation file

- Natural gamma documentation file
- *P*-wave documentation file
- Reflectance documentation file

GEN_INFO directory
- ACRONYMS.DOC (list of acronyms)
- COMPRESS.DOC (data compression documentation)
- 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 # 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
    - FMS and dipmeter data subdirectory)
      - Dipmeter in ASCII format file(s)
    - FMS images in PBM (portable bit map–8-bit binary) format subdirectory
      - 1:1 ratio images 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 in 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 or data on the CD-ROM.

All of the ASCII files (with the exception of the 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 when 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 on 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 1077A:
- BASICLOG directory
  - Log summary figures
  - Sonic waveforms
  - Standard logs
  - Temperature data

Hole 1081A:
- BASICLOG directory
  - GHMT logs
  - High-resolution logs
  - Log summary figures
  - Sonic waveforms
  - Standard logs
  - Temperature data
- FMS directory

Hole 1082A:
- BASICLOG directory
  - GHMT logs
  - High-resolution logs
  - Log summary figures
  - Sonic waveforms
  - Standard logs
  - Temperature data
- FMS directory

Hole 1084A:
- BASICLOG directory
  - GHMT logs
  - High-resolution logs
  - Log summary figures
  - Sonic waveforms
  - Standard logs
  - Temperature data
- FMS directory

Hole 1085A:
- BASICLOG directory
  - GHMT logs
  - High-resolution logs
  - Log summary figures
  - Sonic waveforms
  - Standard logs
  - Temperature data
- FMS directory

Hole 1087C:
- BASICLOG directory
  - Log summary figures
  - Sonic waveforms

Summary of ODP Core Data

Site 1081
- Hole A:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole B:
  - GRAPE.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole C:
  - GRAPE.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT

Site 1082
- Hole A:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole B:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole C:
  - GRAPE.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT

Site 1083
- Hole A:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole B:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole C:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole D:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT

Site 1084
- Hole A:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole B:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole C:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT

Site 1085
- Hole A:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT

Hole B:
- GRAPE.DAT
- MAD.DAT
- MAGSUS.DAT
- PWAVE.DAT
- REFLECT.DAT

Site 1086
- Hole A:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole B:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT

Site 1087
- Hole A:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole B:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT
- Hole C:
  - GRAPE.DAT
  - MAD.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT