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

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**Note:** The bulk of the shipboard-collected data from this leg is available on the World Wide Web and 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](mailto:database@odp.tamu.edu)).

## BACK-POCKET MATERIALS

### Oversized Figures

Chapter 3, Figure 26. Plots of spliced records for Sites 1054–1063. A selected number of the lines are plotted, and zones of shaped sediments are shown.

Chapter 5, Figure 101. Logging data from Holes 1061A and 1063A along with lithologic and age information.

### 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 172 *Initial Reports* volume in Adobe Acrobat, as well as ASCII tab-delimited versions of tables that are printed either as samples or in full in the printed volume (see directory structure below) 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. This CD-ROM also contains the following from Leg 172: shipboard GRAPE (gamma-ray attenuation porosity evaluator), index properties, magnetic susceptibility, *P*-wave, natural gamma, and color reflectance data.

### 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) on this CD should be opened through a spreadsheet or text-editing software application.

There are four starting points for this CD:

**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.

**172IR.PDF** lists the table of contents for the volume and ASCII tables. It also contains links to the volume chapters.

### Directory Structure:

ACROREAD.TXT (readme file for Acrobat Reader)  
README.PDF (PDF readme file for Leg 172 *Initial Reports* volume)

README.TXT (ASCII readme file for Leg 172 *Initial Reports* volume)  
172IR.PDF (volume table of contents)  
ACROREAD (Acrobat Reader software)  
VOLUME  
FRONTIS.PDF (volume frontispiece)  
PRELIM.PDF (volume preliminary pages)  
DEDICA.PDF (volume dedication)  
ACKNOWL.PDF (volume acknowledgments)  
CHAPTERS (volume chapters)  
CHAP\_01.PDF  
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CHAP\_07.PDF  
CORES (core-description forms and digital core images)  
VCD\_####.PDF (core-description forms)  
IMAGES (digital core images)  
S\_SLIDES (smear-slide data tables in PDF and ASCII formats)  
SS\_####.PDF  
SS\_####.TXT  
LOGGING.PDF (shore-based processed logs in PDF format)  
BACKPKT (back-pocket figures in PDF format)  
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05\_F101.PDF

TABLES (see below for list of files)  
INDEX (Acrobat catalog of this volume)  
LEG\_DATA (see below for list of files)  
PHYSPROP (raw and spliced physical properties data)  
SPLICER (splice and affine tables used in the Splicer program)  
ODPINDEX (Compiled Electronic Index of the *Proceedings of the Ocean Drilling Program*)

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**CHAP\_03** (Chapter 3, Carolina Slope):

03\_06A.TXT: Table 6A. Continuous split-core remanent measurements for Hole 1054A before demagnetization (NRM results).  
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03\_06C.TXT: Table 6C. Continuous split-core remanent measurements for Hole 1054A after 20 mT demagnetization  
03\_07A.TXT: Table 7A. Continuous split-core remanent measurements for Hole 1054B before demagnetization (NRM results).  
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03\_14.TXT: Table 14. Tensor tool data for Site 1054.  
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03\_16.TXT: Table 16. NRM and demagnetization results from core sections that were progressively demagnetized at multiple demagnetization steps, typically 0 (NRM), 10, 20, 30, 40, 50, and 60 mT.  
03\_17.TXT: Table 17. NRM and demagnetization results from discrete samples from Holes 1054A and 1055A.  
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04\_05A.TXT: Table 5A. Continuous split-core remanent measurements for Hole 1056A before magnetization (NRM results).

04\_05B.TXT: Table 5B. Continuous split-core remanent measurements for Hole 1056A after 10 mT demagnetization.

04\_05C.TXT: Table 5C. Continuous split-core remanent measurements for Hole 1056A after 20 mT demagnetization.

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04\_11C.TXT: Table 11C. Continuous split-core remanent measurements for Hole 1057C after 30 mT demagnetization.

- 04\_11D.TXT: Table 11D. Continuous split-core remanent measurements for Hole 1057C after 40 mT demagnetization.
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- 05\_06C.TXT: Table 6C. Continuous split-core remanent measurements for Hole 1060A after 30 mT demagnetization.
- 05\_06D.TXT: Table 6D. Continuous split-core remanent measurements for Hole 1060A after 40 mT demagnetization.





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- 05\_20A.TXT: Table 20A. Continuous split-core remanent measurements for Hole 1062G before demagnetization (NRM results).
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- 05\_21A.TXT: Table 21A. Continuous split-core remanent measurements for Hole 1062H before demagnetization (NRM results).
- 05\_21B.TXT: Table 21B. Continuous split-core remanent measurements for Hole 1062H after 20 mT demagnetization.
- 05\_23.TXT: Table 23. Tensor tool data for Sites 1061–1062.
- 05\_44.TXT: Table 44. Index properties of samples from Site 1060.
- 05\_45.TXT: Table 45. Index properties of samples from Site 1061.
- 05\_46.TXT: Table 46. Index properties of samples from Site 1062.
- 05\_48.TXT: Table 48. Compressional wave velocity measurements from Site 1060.
- 05\_49.TXT: Table 49. Compressional wave velocity measurements from Site 1061.
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- 05\_51.TXT: Table 51. Undrained shear-strength measurements from Site 1060.
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- 05\_54.TXT: Table 54. Thermal conductivity measurements from Site 1060.
- 05\_55.TXT: Table 55. Thermal conductivity measurements from Site 1061.
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- 05\_57.TXT: Table 57. Resistivity measurements from Site 1060.
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- 05\_59.TXT: Table 59. Resistivity measurements from Site 1062.
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- 06\_05A.TXT: Table 5A. Continuous split-core remanent measurements for Hole 1063A before demagnetization (NRM results).
- 06\_05B.TXT: Table 5B. Continuous split-core remanent measurements for Hole 1063A after 20 mT demagnetization.
- 06\_05C.TXT: Table 5C. Continuous split-core remanent measurements for Hole 1063A after 30 mT demagnetization.
- 06\_05D.TXT: Table 5D. Continuous split-core remanent measurements for Hole 1063A after 40 mT demagnetization.
- 06\_06A.TXT: Table 6A. Continuous split-core remanent measurements for Hole 1063B before demagnetization (NRM results).
- 06\_06B.TXT: Table 6B. Continuous split-core remanent measurements for Hole 1063B after 10 mT demagnetization.
- 06\_06C.TXT: Table 6C. Continuous split-core remanent measurements for Hole 1063B after 20 mT demagnetization.
- 06\_06D.TXT: Table 6D. Continuous split-core remanent measurements for Hole 1063B after 30 mT demagnetization.
- 06\_06E.TXT: Table 6E. Continuous split-core remanent measurements for Hole 1063B after 40 mT demagnetization.
- 06\_07A.TXT: Table 7A. Continuous split-core remanent measurements for Hole 1063C before demagnetization (NRM results).
- 06\_07B.TXT: Table 7B. Continuous split-core remanent measurements for Hole 1063C after 20 mT demagnetization.
- 06\_07C.TXT: Table 7C. Continuous split-core remanent measurements for Hole 1063C after 30 mT demagnetization.
- 06\_08A.TXT: Table 8A: Continuous split-core remanent measurements for Hole 1063D before demagnetization (NRM results).
- 06\_08B.TXT: Table 8B. Continuous split-core remanent measurements for Hole 1063D after 20 mT demagnetization.
- 06\_08C.TXT: Table 8C: Continuous split-core remanent measurements for Hole 1063D after 30 mT demagnetization.
- 06\_08D.TXT: Table 8D: Continuous split-core remanent measurements for Hole 1063D after 40 mT demagnetization.
- 06\_09A.TXT: Table 9A. Continuous split-core remanent measurements for Hole 1064A before demagnetization (NRM results).
- 06\_09B.TXT: Table 9B. Continuous split-core remanent measurements for Hole 1064A after 20 mT demagnetization.
- 06\_10.TXT: Table 10: Summary of Tensor tool measurements at all holes from Site 1063.
- 06\_23.TXT: Table 23. Index properties of samples from Site 1063.
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- 06\_25.TXT: Table 25. Compressional wave velocity measurements from Site 1063.
- 06\_26.TXT: Table 26. Compressional wave velocity measurements from Site 1064.
- 06\_27.TXT: Table 27. Undrained shear strength measurements from Site 1063.
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- 06\_29.TXT: Table 29. Thermal conductivity measurements from Site 1064.  
 06\_30.TXT: Table 30. Thermal conductivity measurements from Site 1063.  
 06\_31.TXT: Table 31. Resistivity measurements from Site 1063.  
 06\_32.TXT: Table 32. Resistivity measurements from Site 1064.

**List of LEG\_DATA files:**

**PHYSPROP** (raw and spliced physical properties data)

The physical properties data include chromaticity  $a^*$  (A) and  $b^*$  (B) and  $L^*$  (L) lightness parameters, GRAPE (GR), magnetic susceptibility (MS), and natural gamma-ray (NG) measurements. For Site 1062, spliced data sets for the east flank of the wave, the west flank of the wave, and the wave crest are indicated in the filename by "se," "sw," and "sc," respectively. The raw and spliced data are organized by site in the following in the following directory structure:

- 1054
- 1055
- 1056
- 1057
- 1058
- 1059
- 1060
- 1061
- 1062
- 1063
- 1064

**SPLICER** (splice and affine tables used in the Splicer program)

The splice and affine tables are organized in the following directory structure:

- AFFINE
- SPLICE

The AFFINE tables define the depth offsets that must be applied to each core in each hole to align all stratigraphic features among holes. A binary toggle value (Y/N) indicates whether the core was actually shifted to match other cores.

The SPLICE tables list the tie points that are used to build the spliced data record from the depth-shifted core data. The file effectively summarizes the sampling pathway for obtaining a splice (i.e., a composite section from any data set). Each line of a SPLICE table indicates a stratigraphically equivalent horizon. That is, Sample X in Hole A ties to Sample Y in Hole B.

**ODP LEG 172 LOG & CORE DATA**

This "data-only" CD-ROM contains depth-shifted and processed logging data, provided by the Borehole Research Group at Lamont-Doherty Earth Observatory,

for Leg 172. Also included on this CD-ROM are ship-board GRAPE (gamma-ray attenuation porosity evaluator), index properties, magnetic susceptibility, P-wave, color reflectance data, and natural gamma data of cores collected during Leg 172. CD-ROM production was conducted by the Borehole Research Group at the Lamont-Doherty Earth Observatory, Wireline Logging Operator, for ODP.

**Directory Structure**

- COREDATA directory
  - README document
  - SITE # sub directory
    - HOLE # sub directory
      - GRAPE data file
      - INDEX data file
      - MAGSUS data file
      - NATGAM data file
      - PWAVE data file
      - REFLECT 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 # 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 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 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 the filename is not clear.

The log summary figures were created on the Unix platform 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 1061A:

- BASICLOG directory
  - High resolution logs
  - Log Summary Figures
  - Sonic waveforms
  - Standard logs
    - Temperature logs
- FMS directory
  - fms\_dip
  - fms\_pbm
    - 1:1 ratio images
    - 1:10 ratio images

#### Hole 1063A:

- BASICLOG directory
  - High resolution logs
  - Log Summary Figures
  - Sonic waveforms
  - Standard logs
    - Temperature logs
- FMS directory
  - fms\_dip
  - fms\_pbm
    - 1:1 ratio images
    - 1:10 ratio images

### Summary of ODP Core Data:

#### Site 1054

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

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

- Hole C:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT

#### Site 1055

- Hole A:
  - GRAPE.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT

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

- Hole C:
  - GRAPE.DAT
  - MAGSUS.DAT
  - NATGAM.DAT
  - PWAVE.DAT
  - REFLECT.DAT

- Hole D:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT

- Hole E:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT

#### Site 1056

- Hole A:
  - GRAPE.DAT
  - MAGSUS.DAT
  - PWAVE.DAT
  - REFLECT.DAT

- Hole B:
  - GRAPE.DAT
  - MAD.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 1057  
Hole A:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
NATGAM.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole B:  
GRAPE.DAT  
MAGSUS.DAT  
REFLECT.DAT  
HOLE C:  
GRAPE.DAT  
MAGSUS.DAT  
REFLECT.DAT  
Site 1058  
Hole A:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
NATGAM.DAT  
REFLECT.DAT  
Hole B:  
GRAPE.DAT  
MAGSUS.DAT  
REFLECT.DAT  
Hole C:  
GRAPE.DAT  
MAGSUS.DAT  
PWAVE.DAT  
REFLECT.DAT  
Site 1059  
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 1060  
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  
Hole 1061  
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  
Hole D:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
NATGAM.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole E:  
GRAPE.DAT  
MAGSUS.DAT  
NATGAM.DAT  
PWAVE.DAT  
REFLECT.DAT  
Site 1062  
Hole A:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
NATGAM.DAT  
PWAVE.DAT

REFLECT.DAT  
Hole B:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
NATGAM.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  
Hole E:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole F:  
GRAPE.DAT  
MAGSUS.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole G:  
GRAPE.DAT  
MAGSUS.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole H:  
GRAPE.DAT  
MAGSUS.DAT

PWAVE.DAT  
REFLECT.DAT  
Site 1063  
Hole A:  
GRAPE1.DAT  
GRAPE2.DAT  
MAD.DAT  
MAGSUS.DAT  
NATGAM.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole B:  
GRAPE1.DAT  
GRAPE2.DAT  
MAD.DAT  
MAGSUS.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole C:  
GRAPE.DAT  
MAGSUS.DAT  
PWAVE.DAT  
REFLECT.DAT  
Hole D:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
PWAVE.DAT  
REFLECT.DAT  
Site 1064  
Hole A:  
GRAPE.DAT  
MAD.DAT  
MAGSUS.DAT  
NATGAM.DAT  
PWAVE.DAT  
REFLECT.DAT