



FINDING AID



NPS-GCI BACKFILL TESTING PROJECT 1920-2004 (bulk dates: 1992-1996)

Prepared by
Chaco Culture National Historical Park
National Park Service
2009

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HISTORY

NPS/GCI BACKFILL TESTING PROJECT RECORDS

From 1991-1996, the NPS collaborated with the Getty Conservation Institute to investigate, develop, and field test, on a limited scale, protective strategies for preserving archaeological sites with standing architectural remains. Field work took place at Pueblo Bonito and Chetro Ketl. The project was based on the use of backfilling as a protective measure that is flexible and easily reversible, one that reduces maintenance while permitting visitation and interpretation of the site. The GCI-NPS team also developed experimental strategies to protect walls from snow melt and to confront problems posed by partial backfilling.

Using the lessons learned from the backfilling and testing programs, the team implemented a backfilling procedure for partial reburial of the ruins at Pueblo Bonito and Chetro Ketl in Chaco Canyon, which is part of the final GCI/NPS site reburial project.

SCOPE AND CONTENT**NPS-GCI BACKFILL TESTING PROJECT
1920-2004 (bulk dates: 1992-1996)**

COLLECTION NUMBER 0047

CATALOG NUMBER CHCU 104624

VOLUME [Count] [Extent]3.4 [Type of Unit]LF

DESCRIPTION Collection is divided into two series based on the two main sites investigated (Pueblo Bonito and Chetro Ketl in that order). For both sites the documents contained are as follows: data analysis sheets, scale drawings, graph charts, photos, negatives, contact sheets, VHS video tapes, photo logs, draft reports, final reports, memorandums, correspondence, research proposals, and academic journal articles.

ORGANIZATION [Organization]ORGANIZED INTO TWO SERIES:

SERIES 001 - MATERIALS RELATING TO THE
BACKFILLING OF PUEBLO BONITO

SERIES 002 - MATERIALS RELATING TO THE
BACKFILLING OF CHETRO KETL

[Arrangement]Arranged chronologically within subseries.

PROVENANCE DABNEY FORD, NPS

RESTRICTIONS NO

HIERARCHY

SERIES I: PUEBLO BONITO, 1920-2004 (bulk dates: 1992-1994)

SUBSERIES .001: Site Notes, 1989-1999 (bulk dates: 1992)

SUBSERIES .002: Images, 1992 (bulk dates: 1992)

SUBSERIES .003: Reports, 1992-2003 (bulk dates: 1992-1994)

SUBSERIES .004: Admin Records, 1920-2004 (bulk dates: 1990-1994)

SERIES II: CHETRO KETL, 1947-2003 (bulk dates: 1994-1996)

SUBSERIES .001: Site Notes, 1969-2003 (bulk dates: 1994)

SUBSERIES .002: Images, 1994-1995 (bulk dates: 1994)

SUBSERIES .003: Reports, 1985-2003 (bulk dates: 1994-1996)

SUBSERIES .004: Admin Records, 1947-2003 (bulk dates: 1988-1996)

SERIES AND FILE UNIT DESCRIPTIONS

Collection/Series: 0047/001
Series Title: SERIES I: PUEBLO BONITO

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1920-2004 **Bulk Dates:** 1992-1994

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Data analysis sheets, scale drawings, graph charts, photos, negatives, contact sheets, VHS video tapes, photo logs, draft reports, final reports, memorandums, correspondence, research proposals, and academic journal articles.

Arrangement: Organized into four subseries:

001: Site Notes 002: Images 003: Reports 004: Admin Records Arranged chronologically within subseries

Provenance: DABNEY FORD

Collection/Series: 0047/001.001
Series Title: SUBSERIES .001: Site Notes

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1989-1999 **Bulk Dates:** 1992

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Site Notes on Pueblo Bonito Condition data records, field notes and analysis.

Arrangement: Arranged chronologically

Provenance: DABNEY FORD

Series Nbr: 001.001
File Unit: 01
Dates: 1989-1990
Title: [Soil Analysis]
Summary Notes:

Series Nbr: 001.001
File Unit: 02
Dates: 1992
Title: Plaster Analysis-Anne Brackin
Summary Notes:
Pueblo Bonito, Correspondence

Series Nbr: 001.001
File Unit: 03
Dates: 1992
Title: M. Taylor- Analysis of Backfill Soils
Summary Notes:

Series Nbr: 001.001
File Unit: 04
Dates: 1992
Title: Soil Testing
Summary Notes:

Series Nbr: 001.001
File Unit: 05
Dates: 1992
Title: Room 85: Condition Data Record
Summary Notes:

Series Nbr: 001.001
File Unit: 06
Dates: 1992
Title: Room 97: Notes
Summary Notes:

Series Nbr: 001.001
File Unit: 07
Dates: 1992
Title: Room 83: Condition Data Record
Summary Notes:

Series Nbr: 001.001
File Unit: 08
Dates: 1992
Title: Room 62: Condition Data Record
Summary Notes:

Series Nbr: 001.001
File Unit: 09
Dates: 1992
Title: Room 348: Condition Data Record
Summary Notes:

Series Nbr: 001.001
File Unit: 10
Dates: 1992
Title: [Pueblo Bonito: Scale Drawings]
Summary Notes:

Series Nbr: 001.001
File Unit: 11
Dates: 1992
Title: Jim Walker - Photogram/Maps of BC 50,BC 51, Pueblo Bonito
Summary Notes:

Series Nbr: 001.001
File Unit: 12
Dates: 1992-1995
Title: [Room 348: Field Notes, Reports]
Summary Notes:

Series Nbr: 001.001
File Unit: 13
Dates: 1993
Title: Room 97: Condition Data Record
Summary Notes:

Series Nbr: 001.001
File Unit: 14
Dates: 1993
Title: [Chaco / GCI Testing Project, Scale Drawings]
Summary Notes:

Series Nbr: 001.001
File Unit: 15
Dates: 1999
Title: CHCU 885, 1175, 1930, 1931, 1932: Bonito to Chetro Ketl
Summary Notes:

Collection/Series: 0047/001.002
Series Title: SUBSERIES .002: Images

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1992 **Bulk Dates:** 1992

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Images of Pueblo Bonito Photographs, negatives, contact sheets and VHS tape

Arrangement: Closely following original order

Provenance: DABNEY FORD

Series Nbr: 001.002

File Unit: 16

Dates: 1992

Title: Pueblo Alto Backfill Room, Tape #2

Summary Notes:

VHS Tape. Digital version (.mpg file) also available. See also "NPS/GCI Backfill Research Project – Pueblo Bonito/UNESCO Summer 1992" VHS tape/digital file in COLL 0054

Series Nbr: 001.002

File Unit: 17

Dates: 1992

Title: Photos: Pueblo Bonito, Kiva 162

Summary Notes:

Series Nbr: 001.002

File Unit: 18

Dates: 1992

Title: Chaco Backfill Photos

Summary Notes:

Series Nbr: 001.002

File Unit: 19

Dates: 1992

Title: [Chaco Backfill: Negatives]

Summary Notes:

Series Nbr: 001.002

File Unit: 20

Dates: 1992

Title: [Chaco Backfill: Contact Sheets]

Summary Notes:

Series Nbr: 001.002

File Unit: 21

Title: Plaster Analysis: Anne Brackin, Photos

Summary Notes:

Series Nbr: 001.002

File Unit: 22

Title: [Pueblo Bonito Historic Photos]

Summary Notes:

Series Nbr: 001.002

File Unit: 23

Title: [Chaco Backfill: Photocopies of Pueblo Bonito Historic Photos]

Summary Notes:

Collection/Series: 0047/001.003
Series Title: SUBSERIES .003: Reports

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1992-2003 **Bulk Dates:** 1992-1994

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Reports and drafts

Arrangement: Arranged chronologically

Provenance: DABNEY FORD

Series Nbr: 001.003
File Unit: 24
Dates: 1992-1995
Title: Old Drafts: Phase I
Summary Notes:

Series Nbr: 001.003
File Unit: 25
Dates: 1992
Title: [The 1992 Test Excavations at Pueblo Bonito]
Summary Notes:

Series Nbr: 001.003
File Unit: 26
Dates: 1993
Title: 1991-1992, Test Excavations in Pueblo Bonito
Summary Notes:

Series Nbr: 001.003
File Unit: 27
Dates: 1992, 1994
Title: [Backfill, Nov. NPS/GCI Paper and Field Notes]
Summary Notes:
Field specimen numbers and field notes. Also 2 floppy discs: 1 labeled "Backfill, Nov. NPS/GCI Paper - Mike Taylor's Copy."

Collection/Series: 0047/001.004
Series Title: SUBSERIES .004: Admin Records

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1920-2004 **Bulk Dates:** 1990-1994

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Admin Records pertaining to Pueblo Bonito Backfill Report Memos, correspondence and reports that were used for research purposes are included.

Arrangement: Arranged chronologically

Provenance: DABNEY FORD

Series Nbr: 001.004
File Unit: 28
Dates: 1920
Title: "Pueblo Bonito" [Article]
Summary Notes:

Series Nbr: 001.004
File Unit: 29
Dates: 1990
Title: Backfilling Information
Summary Notes:
Draft Reports, Pamphlets

Series Nbr: 001.004
File Unit: 30
Dates: 1990
Title: Wood Decay Research Reports
Summary Notes:

Series Nbr: 001.004
File Unit: 31
Dates: 1990-1993
Title: Chaco Backfill Research: Correspondence
Summary Notes:

Series Nbr: 001.004
File Unit: 32
Dates: 1991
Title: The Chaco Wood Project: The Chronometric Re-Appraisal of Pueblo Bonito. Tom Windes and Dabney Ford
Summary Notes:

Series Nbr: 001.004
File Unit: 33
Dates: 1991
Title: [Memorandum of Agreement Between NPS & GCI]
Summary Notes:

Series Nbr: 001.004

File Unit: 34

Dates: 1991-1994

Title: Backfill Research

Summary Notes:

Includes map separation sheet for "Preliminary Vegetative Type Map of Chaco Canyon"

Series Nbr: 001.004

File Unit: 35

Dates: 1992

Title: Chaco Backfill Research, Misc.: Memos, Reports, Field Notes

Summary Notes:

Series Nbr: 001.004

File Unit: 36

Dates: 1992

Title: [Notes for Chaco Backfill Report]

Summary Notes:

Series Nbr: 001.004

File Unit: 37

Dates: 1992

Title: Final Draft- GCI/NPS Scope of Work

Summary Notes:

Series Nbr: 001.004

File Unit: 38

Dates: 1992

Title: Scope of Work: Collaborative Backfilling Research Between NPS and GCI

Summary Notes:

Series Nbr: 001.004

File Unit: 39

Dates: 1992-1993

Title: [Chaco Backfill Research Write Up: Notes]

Summary Notes:

Series Nbr: 001.004

File Unit: 40

Dates: 1993

Title: "Monitoring the Condition of Waterlogged Archaeological Sites"

Summary Notes:

Paper and 1 pg of correspondence with Katherine Dowdy

Series Nbr: 001.004

File Unit: 41

Dates: 1993

Title: M. Taylor- Chaco Research on Backfilling

Summary Notes:

Notebook

Series Nbr: 001.004

File Unit: 42

Dates: 1993

Title: [Scope of Work for Partial Backfilling and Drainage Repair at BC 50, BC51, BC 59]

Summary Notes:

Series Nbr: 001.004

File Unit: 43

Dates: 1994

Title: Assessment of Deterioration in Archaeological Wood from Ancient Egypt

Summary Notes:

Paper and corresp.

Series Nbr: 001.004

File Unit: 44

Dates: 2003-2004

Title: Site Reburial Colloquium: Notes and Preliminary Plans

Summary Notes:

Collection/Series: 0047/002
Series Title: SERIES II: CHETRO KETL

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1947-2003 **Bulk Dates:** 1994-1996

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Data analysis sheets, scale drawings, graph charts, photos, negatives, contact sheets, VHS video tapes, photo logs, draft reports, final reports, memorandums, correspondence, research proposals, and academic journal articles.

Arrangement: Organized into three subseries:

001: Site Notes
002: Images
003: Reports

Arranged chronologically within subseries

Provenance: DABNEY FORD

Collection/Series: 0047/002.001
Series Title: SUBSERIES .001: Site Notes

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1969-2003 **Bulk Dates:** 1994

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Site Notes on Chetro Ketl Condition data records, notes, site maps and room maps.

Arrangement: Arranged chronologically

Provenance: DABNEY FORD

Series Nbr: 002.001
File Unit: 01
Dates: 1969-1970
Title: Chetro Ketl: Dendro dates, Rm. 93
Summary Notes:

Series Nbr: 002.001
File Unit: 02
Dates: 1994-2003
Title: Room Measurements and Volume Calculations
Summary Notes:

Series Nbr: 002.001
File Unit: 03
Dates: 1994-1997
Title: Chetro Ketl Rm. 44 Complex Dielectric Probe Readings
Summary Notes:

Series Nbr: 002.001
File Unit: 04
Dates: 1994
Title: [Maps and Notes]
Summary Notes:

Series Nbr: 002.001
File Unit: 05
Dates: 2003
Title: GCI/NPS Testing in Chetro Ketl
Summary Notes:

Series Nbr: 002.001
File Unit: 06
Title: Site Maps
Summary Notes:

Series Nbr: 002.001

File Unit: 07

Title: Drain Plans-Maps Chetro Kettle, Drafts and AS Builts

Summary Notes:

Series Nbr: 002.001

File Unit: 08

Title: [Room Maps]

Summary Notes:

Collection/Series: 0047/002.002
Series Title: SUBSERIES .002: Images

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1994-1995 **Bulk Dates:** 1994

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Images of Chetro Ketl Photographs and photologs

Arrangement: Closely following original order

Provenance: DABNEY FORD

Series Nbr: 002.002
File Unit: 09
Dates: 1994
Title: [Photo Requests for Stabilization Work at Chetro Ketl, GCI Report]
Summary Notes:

Series Nbr: 002.002
File Unit: 10
Dates: 1994
Title: Photo Logs
Summary Notes:

Series Nbr: 002.002
File Unit: 11
Dates: 1994
Title: Video Log
Summary Notes:

Series Nbr: 002.002
File Unit: 12
Dates: 1994
Title: M.A.R. Report No. 94-15, Stabilization in Chaco Canyon: Documentation of Backfilling at Chetro Ketl, 2 VHS Tapes
Summary Notes:

Series Nbr: 002.002
File Unit: 13
Dates: 1994
Title: [Chetro Ketl Photos]
Summary Notes:

Series Nbr: 002.002
File Unit: 14
Dates: 1995
Title: Part of GCI-NPS Backfill Testing J. Balachowski. Stereo Pair Photos of Backfill Test Rooms in Chetro Ketl
Summary Notes:

Series Nbr: 002.002

File Unit: 15

Dates: 2003

Title: [Photos and Photo Logs: Chetro Ketl]

Summary Notes:

Collection/Series: 0047/002.003
Series Title: SUBSERIES .003: Reports

Accession: CHCU-00773 **Catalog Nbr:** CHCU 104624
Inclusive Dates: 1985-2003 **Bulk Dates:** 1994-1996

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Reports and drafts

Arrangement: Arranged chronologically

Provenance: DABNEY FORD

Series Nbr: 002.003
File Unit: 16
Dates: 1980-1996
Title: Seismic Studies- K. King Research
Summary Notes:

Series Nbr: 002.003
File Unit: 17
Dates: 1985-1992
Title: Backfill Plan Final Draft- Original
Summary Notes:

Series Nbr: 002.003
File Unit: 18
Title: ["Stabilization in Chaco Canyon: Documentation of Backfilling the rooms north of Kiva G at Chetro Ketl, 1994" and Notes]
Summary Notes:
1994-1995

Series Nbr: 002.003
File Unit: 19
Dates: 1994-1996
Title: [GCI: Backfilling at Chetro Ketl Report and Correspondence]
Summary Notes:

Series Nbr: 002.003
File Unit: 20
Dates: 1994
Title: [Stabilization in Chaco Canyon: Documentation of Backfilling at Chetro Ketl- Roger Moore]
Summary Notes:

Series Nbr: 002.003
File Unit: 21
Dates: 1996
Title: [Draft: Backfill Report]
Summary Notes:

Series Nbr: 002.003

File Unit: 22

Dates: 2003

Title: Backfill Texts: Final Draft ["Chaco Canyon Reburial Program"]

Summary Notes:

Collection/Series: 0047/002.004

Series Title: SUBSERIES .004: Admin Records

Accession: CHCU-00773

Catalog Nbr: CHCU 104624

Inclusive Dates: 1947-2003

Bulk Dates: 1988-1996

History: FOR MORE INFORMATION SEE COLLECTION LEVEL HISTORY.

Scope: Admin Records pertaining to Chetro Kettle Backfill Report Memos, correspondence and reports that were used for research purposes are included.

Arrangement: Arranged chronologically

Provenance: DABNEY FORD

Series Nbr: 002.004
File Unit: 23
Dates: 1947-1992
Title: History/ Background of Backfill Site Preservation:
Summary Notes:
Articles

Series Nbr: 002.004
File Unit: 24
Dates: 1979-1990
Title: Correspondence RE: Backfill Benefits at Chaco & Aztec Nat. Parks
Summary Notes:

Series Nbr: 002.004
File Unit: 25
Dates: 1986
Title: Testing for the Impact of Burying Sites Under a Highway
Summary Notes:
Missouri Case Study

Series Nbr: 002.004
File Unit: 26
Dates: 1988
Title: Preservation of South Pueblo at Pecos Ntl. Mon. Jim Trott
Summary Notes:

Series Nbr: 002.004
File Unit: 27
Dates: 1989
Title: Backfill Briefing Statement
Summary Notes:

Series Nbr: 002.004
File Unit: 28
Dates: 1992-1996
Title: Mortar Research
Summary Notes:

Series Nbr: 002.004

File Unit: 29

Dates: 1992

Title: Collaborative Backfilling Research Project Between the NPS and the Getty Conservation Institute

Summary Notes:

Series Nbr: 002.004

File Unit: 30

Dates: 1992

Title: Getty/NPS Backfill Testing

Summary Notes:

Series Nbr: 002.004

File Unit: 31

Dates: 1992

Title: Documentation Standards for Recording Historic Architecture at Chaco Culture Ntl. Historical Park

Summary Notes:

Series Nbr: 002.004

File Unit: 32

Dates: 1993

Title: Scope of Work: Backfill and Drainage Repair Policy, Attachments and SOW: BC 50,51,59

Summary Notes:

2 file units

Series Nbr: 002.004

File Unit: 33

Dates: 1993

Title: Scope of Work for Backfilling and Drainage Project

Summary Notes:

Series Nbr: 002.004

File Unit: 34

Dates: 1993

Title: Scope of Work: Backfill Reports

Summary Notes:

Series Nbr: 002.004
File Unit: 35
Dates: 1994-1995
Title: [Scope of Work for Backfilling and Drainage Repair at Chetro Ketl-NPS]
Summary Notes:

Series Nbr: 002.004
File Unit: 36
Dates: 1994
Title: [Admin Records for Roger Moore/GCI Chaco Stabilization Project]
Summary Notes:

Series Nbr: 002.004
File Unit: 37
Dates: 1995-2003
Title: Chetro Ketl Backfill-Gypsum, Block Placement
Summary Notes:
Notes and corresp.

Series Nbr: 002.004
File Unit: 38
Dates: 1999
Title: Scope of Work- Backfill at Chetro Ketl- East Wing
Summary Notes:

Series Nbr: 002.004
File Unit: 39
Dates: 2001
Title: K. King- Pueblo Del Arroyo Study
Summary Notes:

Series Nbr: 002.004
File Unit: 40
Dates: 2001
Title: Seismic Vibrations: Notes
Summary Notes:
