



FINDING AID



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

Prepared by
Chaco Culture National Historical Park
National Park Service
2009

Catalog Number: CHCU 104624

Accession Number: CHCU ACC - 00773

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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)

<i>COLLECTION NUMBER</i>	0047
<i>CATALOG NUMBER</i>	CHCU 104624
<i>VOLUME</i>	[Count] [Extent]3.4 [Type of Unit]LF
<i>DESCRIPTION</i>	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.
<i>ORGANIZATION</i>	[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.
<i>PROVENANCE</i>	DABNEY FORD, NPS
<i>RESTRICTIONS</i>	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 Rcord

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 Ketl, 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 Ketl 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:
