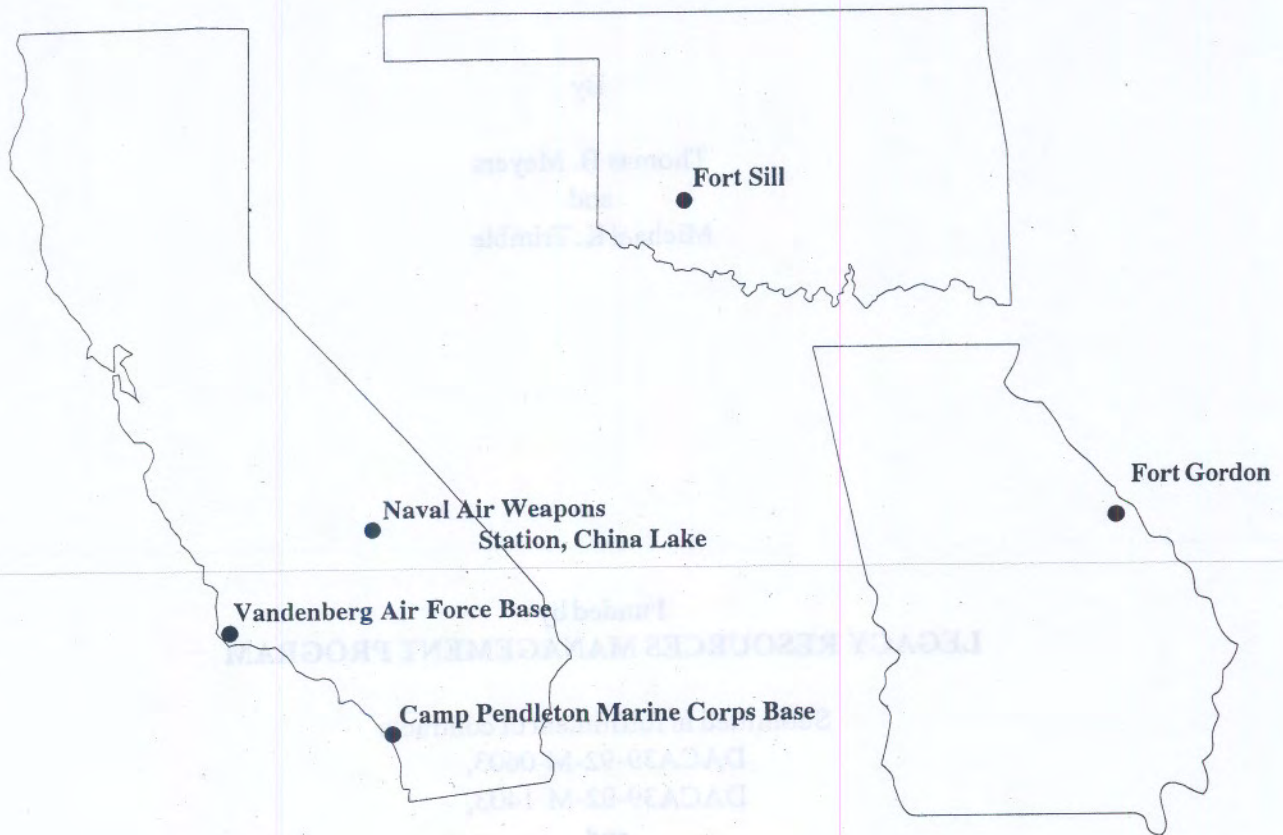


ARCHAEOLOGICAL CURATION-NEEDS ASSESSMENTS Technical Report No. 1

PART 2 of 2



U.S. Army Corps of Engineers
St. Louis District

Technical Center of Expertise in Archaeological Curation and Collections Management



boxes are stacked, up to seven high, from floor to ceiling.

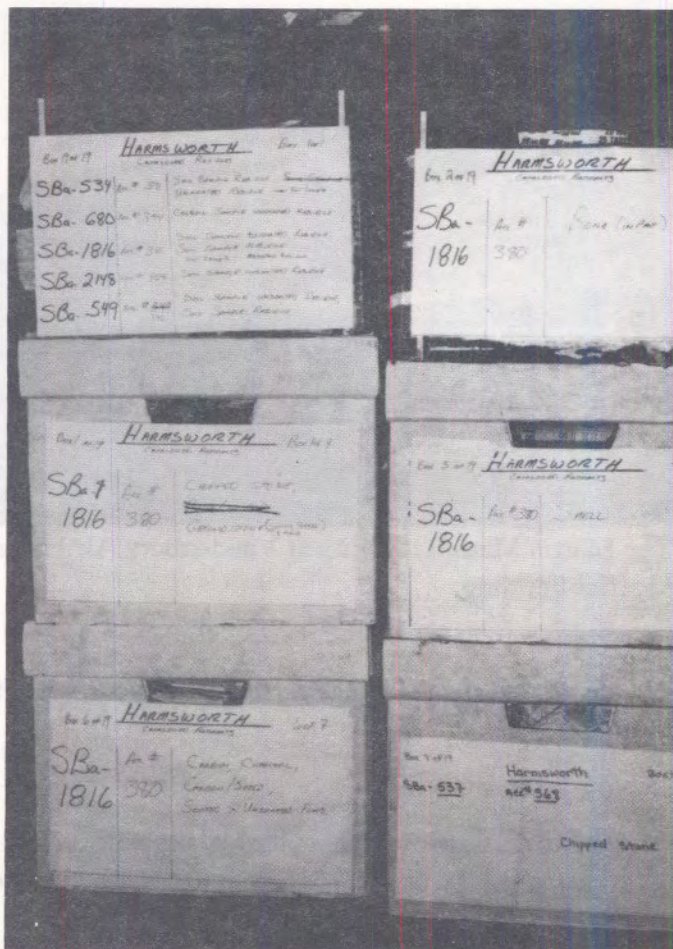


Figure 31. Primary containers at Martin Marietta.

Primary Containers

Artifacts are stored in either 1.5 ft³ corrugated cardboard boxes or in one-cubic-foot bankers boxes. Labels made from typing paper are attached to each box with scotch tape. Label information is written in black and red marking ink, and identifies accurately the site number, contractor, accession number, and artifact classes in the box.

Secondary Containers

Most artifacts are enclosed in 4-mil plastic bags that are stapled shut and filed in lidless shirt boxes and, in at least one instance, an aluminum broiling pan. Newspaper is used as packing material to keep the artifact packets in order. Some of the plastic bags are torn and many are punctured. Several large artifacts are stored in paper bags with an accompanying paper label.



Figure 32. Interior view of a primary container. Lidless interior boxes ensure that artifacts become mixed throughout the box.

Laboratory Processing and Labeling

All artifacts are clean and all lithic, bone, shell, and historic artifacts have been labeled individually with ink. A paper-tag label, which records site and provenience information, artifact class, and catalog number of the enclosed artifact, is included in each bag. Label information is recorded in pencil and is now fading.

Human Skeletal Remains

No human skeletal remains are present in the Martin Marietta Collection.

Records Storage

Documentation associated with the Martin Marietta artifact collections is also stored in bankers boxes that are stacked on the floor of the library. Box contents are listed on yellow notebook paper that is taped to the outside of the boxes. All paper records appear to be photocopies, but the copies are not on acid-free paper. All records are well organized and arranged in hanging file folders that are labeled in pencil. All metal fasteners such as paper clips and staples have been removed or replaced with plastic fasteners. All photographic documentation is enclosed in archival-quality sleeves. Computer floppy disks, which are subject to rapid deterioration under adverse storage conditions, are stored in plastic sleeves and sealed with plastic clips. The original field maps and administrative records appear to be missing from the collection.

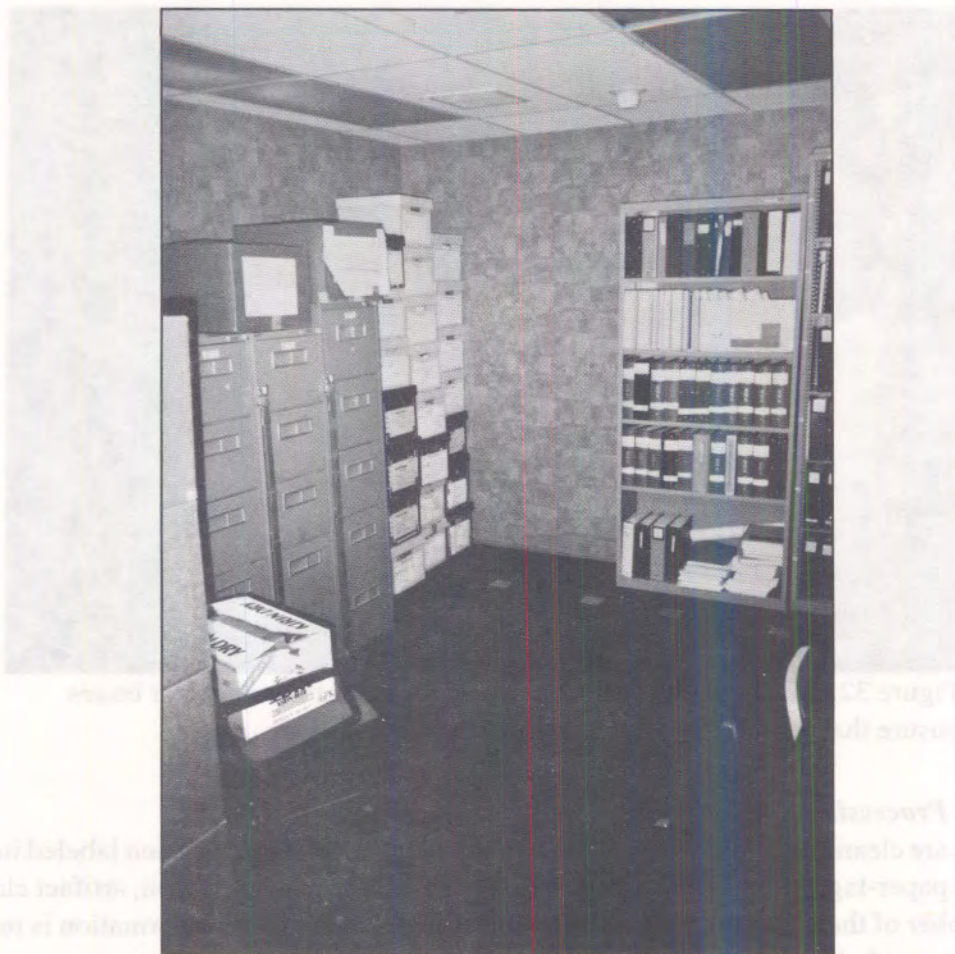


Figure 33. Records storage area at Martin Marietta.

Collections Management

Registration Procedures

Accession Files: None

Location Identification: None

Cross-Indexed Files: None

Published Guide to Collections: None

Site-Record Administration: None

Computerized Data-Base Management: None

Written Policies and Procedures

Minimum Standards for Acceptance: None

Curation Policy: None

Records-Management Policy: None

Field-Curation Guidelines: None

Loan Procedures: None

Deaccessioning Policy: None

Inventory Policy: None
Latest Collection Inventory: 1990

Access to Collections

At the present time, only VAFB personnel can readily access the collections. Once the entire collections are transferred to the UCSB, access will then be based on UCSB's access policy.

Curation Personnel

None

Curation Financing

Completed

Future Plans

A long-term curation agreement was finalized with UCSB in June 1992. All collections will be transferred to this curation facility in the future.

Recommendations

- (1) All archaeological materials stored in the Martin Marietta building should be inventoried, rehabilitated, and curated according to Federal guidelines and standards.
- (2) All associated documentation and reports, including reports of negative findings, should be arranged, described, and preserved according to Federal guidelines and standards and modern archival procedures.
- (3) A duplicate copy of all associated documentation and reports should be stored in a separate and secure location.
- (4) All Martin Marietta collections should be transferred to the Environmental Management Division for their immediate security.
- (5) Planning should be initiated for the consolidation of all Martin Marietta archaeological collections into a central curation facility, preferably managed by DoD personnel, that can provide the professional staff, institutional commitment, and financial support necessary for the level of professional archaeological curation mandated by current Federal regulations.

UNIVERSITY OF CALIFORNIA, SANTA BARBARA COLLECTION

DATE OF VISIT: 13 December 1991

PERSONS CONTACTED: Karen Rasmussen and Michael Glassow

An estimated 123 ft³ of artifacts recovered from Vandenberg Air Force Base, plus a collection of associated documentation of indeterminate size, are housed in the Repository for Archaeological and Ethnographic Collections at the University of California, Santa Barbara. At the time of inspection, these artifacts were being stored in two separate buildings. The primary repository (Repository #1) contains 16 ft³ of artifacts and associated documentation, but an additional 85 ft³ of materials from this repository are being analyzed by Dr. Michael Glassow. We determined that another 22 ft³ of artifacts from VAFB are in "dead storage" (Repository #2) at an isolated location on campus.

Repositories

Repository #1

Structural Adequacy

The primary repository is located in North Hall at UCSB and was originally designed as a classroom. The room does not meet current Federal requirements for a facility housing archaeological collections, but a reasonable degree of protection for these materials is being provided, primarily due to attention paid by the staff to security considerations. At the present time this facility is filled to capacity.

Environment

The primary repository is heated and air conditioned, but it is not possible to maintain a constant temperature level. The humidity level in the repository is neither controlled nor monitored. Although the repository was clean, there is no system of dust filtration. Likewise, there is no program for the control of biological infestation.

Security

Repository #1 is double locked, providing a high degree of security for the artifacts and their associated documentation, but there is no alarm system. The outer door to the repository provides direct access to the office and work areas, but a floor-to-ceiling fence prevents unauthorized access to the collections storage area. The door to this enclosed area is always locked.

Repository #2

Structural Adequacy

Repository #2 is situated some distance from the primary repository, but is still on the UCSB campus. This "dead-storage" repository is located in a wood-frame structure and provides 400 ft²

of supplemental storage space for the primary repository. The building meets none of the requirements for a modern repository facility. Unless the term dead storage is a misnomer, the rationale for housing two of the VAFB collections in this facility is not known. The collections are from projects completed in the 1980s and contain a wide variety of artifacts, including lithics, shell, bone, and historic materials.



Figure 34. Exterior view of Repository #2.

Environment

The dead-storage repository is not heated or air conditioned, nor does it have humidity controls. No system exists for the control of dust or biological infestation.

Security

The age and structural inadequacies of Repository #2, and its isolation from Repository #1, create a high degree of risk for collection loss through theft, vandalism, or fire. The door to the dead-storage repository can be locked, but it was unlocked at the time of our inspection, with no explanation being offered by the staff.

Artifact Storage

Repository #1

Shelving

Wooden cabinets with metal-rod tray holders function as shelving units for the primary repository collections. A metal protective rod on the front of the units serves as added protection in the event of a major earthquake.

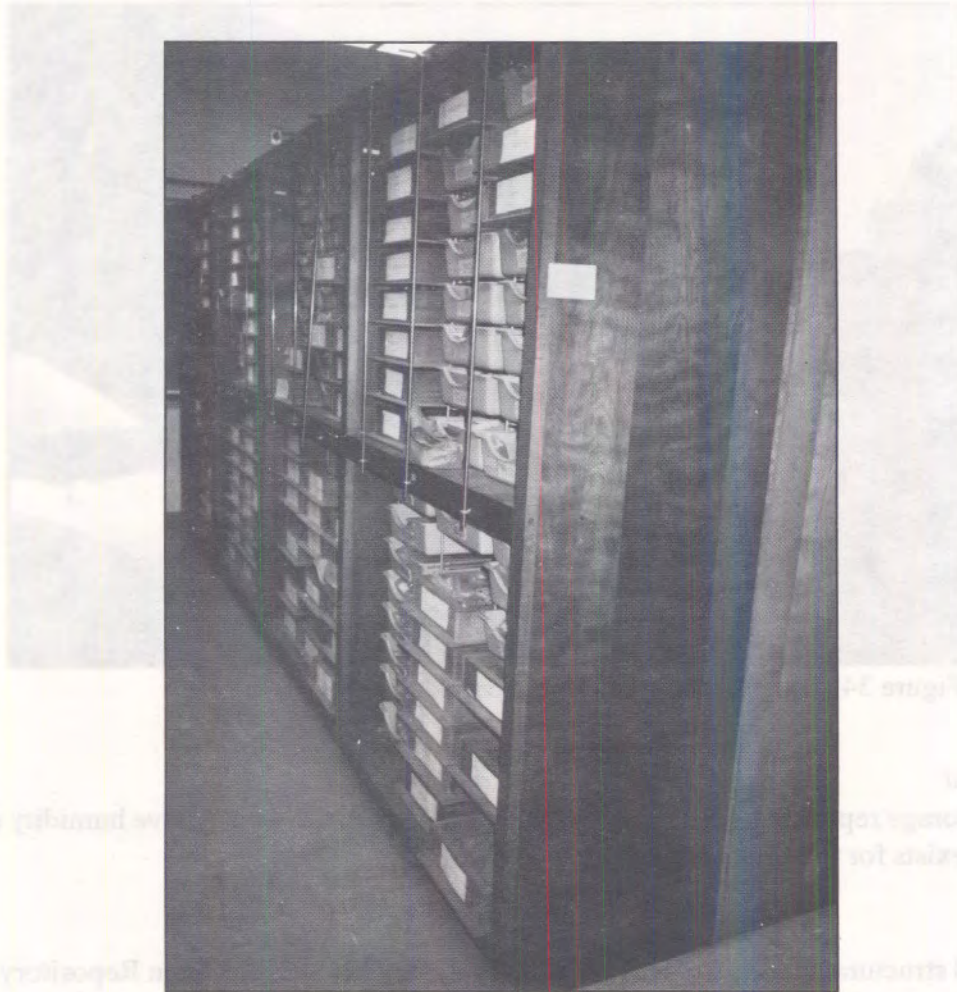


Figure 35. Shelving in Repository #1.

Primary Containers

The VAFB collections in Repository #1 are housed in both wooden and plastic trays that slide into the metal tray frame. Each tray holds approximately one cubic foot of artifacts. The wooden trays are constructed of untreated plywood and pine, and their contents are identified with computer-generated labels, which are stapled to the front of the trays and covered with cellophane tape. Labels for collections housed in plastic trays are inserted in adhesive label holders. Accession and tray numbers are identified on each label. Trays containing heavy artifacts are

overpacked and could be removed from the cabinets only with great difficulty.

Secondary Containers

The collections are packaged in a variety of containers, including paper bags, plastic bags, small boxes, and metal film canisters. Many items, especially lithic materials, are stored loose. Paper bags are folded shut, whereas plastic bags are stapled. Some paper bags from early collections are water damaged. There is no consistency in the manner in which containers are labeled. In their present condition the collections do not meet Federal curation requirements.

Laboratory Processing and Labeling

The artifacts are clean and labeled in ink.

Repository #2

Shelving

Collections in Repository #2 are housed on metal-framed, wooden-shelved units. These units are also braced for earthquake protection.

Primary Containers

Collections in Repository #2 are stored in acidic cardboard boxes. Locational and provenience

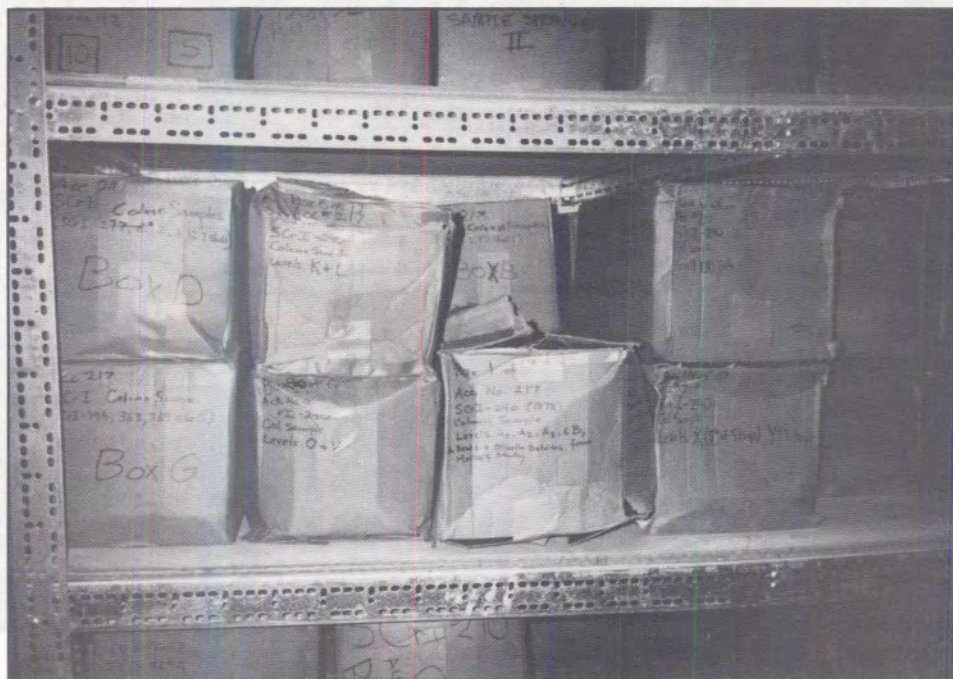


Figure 36. Shelving and primary containers in Repository #2.

information is recorded directly on the box with marking pen.

Secondary Containers

Artifact packaging in the two VAFB collections stored in this facility are similar to those stored in the primary repository.

Laboratory Processing and Labeling

The artifacts are clean and labeled in ink.

Human Skeletal Remains

Although responses during the assessment interview indicated that no human skeletal remains belonging to VAFB are housed at UCSB repository, an inspection of the materials revealed that there may be some human remains and associated grave goods in the Hantman Site (SBa734) Collection.

Records Storage

Documentation for all repository collections is stored in five five-drawer, metal filing cabinets and



Figure 37. Records at UCSB Repository #1.

filed by accession number. The paper records have been sorted by record type into acidic manila folders. Large maps are stored flat and organized by accession number. A duplicate copy of the documentation does not exist.

Collections Management

Registration Procedures

Accession Files: Yes
Location Identification: Yes
Cross-Indexed Files: Yes
Published Guide to Collections: Partial (internal use only)
Site-Record Administration: Yes
Computerized Data-Base Management: Yes

Written Policies and Procedures

Minimum Standards for Acceptance: Yes
Curation Policy: Yes
Records-Management Policy: Yes
Field-Curation Guidelines: Yes
Loan Procedures: Yes
Deaccessioning Policy: None
Inventory Policy: None
Latest Collection Inventory: January 1990

Access to Collections

The archaeological collections are open to the research staff and graduate students of the university. Outside researchers must request access to the collections and, if access is granted, must pay an hourly or daily fee for using the materials. Collections rarely leave the repository on loan.

Curation Personnel

The repository employs one half-time assistant curator to manage the collections. This employee is assisted by three student interns who are each employed for approximately ten hours per week.

Curation Financing

Most overhead curation costs (e.g., personnel and building maintenance) are absorbed by the university. Organizations depositing collections in the repository are, however, assessed nominal storage fees. The fee structure is based on separate charges for perpetual storage, space rental, storage containers, and personnel time.

Future Plans

Immediate plans of the Repository for Archaeological and Ethnographic Collections include the transfer of all VAFB collections to UCSB. Long-range plans include finding more space for the artifact collections and photocopying all associated documentation onto acid-free paper.

Comments

(1) Repository personnel have developed an excellent computerized data-base management

program for the artifacts and associated documentation. Immediate access to information on VAFB collections greatly facilitated the data-gathering efforts of the assessment team.

(2) UCSB makes a substantial commitment of space, staff, and financial resources to the long-term preservation of archaeological collections. In spite of this effort, collection curation does not meet the requirements for the curation of Federally owned collections. Unless regional curation centers for Federal collections are developed, UCSB should receive the Federal assistance necessary for compliance with new Federal curation regulations.

Recommendations

(1) All archaeological materials, associated documentation, and reports, recovered or generated through contractual agreements with Vandenberg Air Force Base and stored at UCSB should be identified.

(2) All archaeological materials should be inventoried, rehabilitated, and curated according to Federal guidelines and standards.

(3) All VAFB collections stored currently in Repository #2 should, for security reasons, be transferred to UCSB.

(4) All human skeletal remains recovered from VAFB properties, and still in the possession of UCSB, should be identified.

(5) The disposition of all identified human skeletal remains should be determined in accordance with the requirements of the Native American Graves Protection and Repatriation Act (P.L. 101-601).

(6) All recovered funerary objects (associated and unassociated), sacred objects, and objects of cultural patrimony, as defined by the Native American Graves Protection and Repatriation Act should be identified and their disposition determined.

(7) All associated documentation and reports should be arranged, described, and preserved according to Federal guidelines and standards and modern archival procedures.

(8) A duplicate copy of all associated documentation and reports should be stored in a separate and secure location.

UNIVERSITY OF CALIFORNIA, LOS ANGELES COLLECTION

DATE OF VISIT: 12-13 February 1992

PERSONS CONTACTED: Roger Colton and Helle Girey

A collection recovered by Brian Dillon in the early 1980s is the only Vandenberg Air Force Base collection known to be curated at the University of California, Los Angeles (UCLA). The exact location of the collection was not known to VAFB personnel, but after conversations with U.S. Army Corps of Engineers personnel in Los Angeles and Sacramento, the artifacts were finally located at UCLA. Although the materials are accessioned, the accession information has not been entered into the computer data base. The collection consists of approximately seventeen (17) cubic feet of artifacts. The location of the primary collection documentation still is not known, nor has a final report been submitted by the contractor.

Repository

Structural Adequacy

The UCLA repository is located in a sub-basement in Haines Hall on the main campus of the university. The repository does not meet the Federal requirements for a facility dedicated to archaeological curation, and all collections stored in this facility are endangered. At the time of inspection, water was seeping into the facility from overhead, and collections were draped with sheets of plastic in an attempt to protect them from damage. Although water pipes are located overhead, the flooding was the result of recent heavy rainfall, and the excess water was entering the repository from every available opening. Some artifact boxes show signs of previous water damage. There is no extra protection for the collections in the event of a major earthquake.

Environment

The repository is heated and air conditioned through overhead duct work. There is, however, no system for avoiding rapid temperature fluctuations, nor is there any system of humidity control. All lighting is florescent.

Security

The repository door is locked, and collections are protected by a security alarm. The age and structural inadequacies of the facility, however, present just as great a danger to the collections as unauthorized entry.

Artifact Storage

Shelving

A wide variety of shelving units, including wood and metal tray cabinets, metal shelves, wooden drawer cabinets, and wooden crates, are used in the UCLA repository. The repository is filled beyond capacity with overstacked boxes of artifacts resting on the floor and stacked from the top of shelving units to the ceiling. In some cases, the containers are stacked over seven high,

effectively crushing the bottom boxes. Wooden crates are being used to hold artifacts in areas where shelving cannot be erected.



Figure 38. Interior of the repository at UCLA showing the steps that have been taken to combat the water problems.

Primary Containers

The Brian Dillon Collection, Accession #666, is stored in 17 wooden trays resting on metal-framed cabinets. Typed identification tags are attached to the trays in a number of ways, including staples, tape, tag holders, and self-adhesive stickers.

Secondary Containers

Artifacts are sorted by class and provenience, and are stored accordingly. Many large lithic items are loose in the trays, but smaller artifacts are contained in 2-mil zip-lock bags. The bags are labeled with the artifact and accession numbers, and some bags have a paper tag enclosed with the same information.

Laboratory Processing and Labeling

All materials are clean. Many items, primarily lithic artifacts, are labeled individually in ink with the accession and artifact numbers. Bagged items are not labeled.

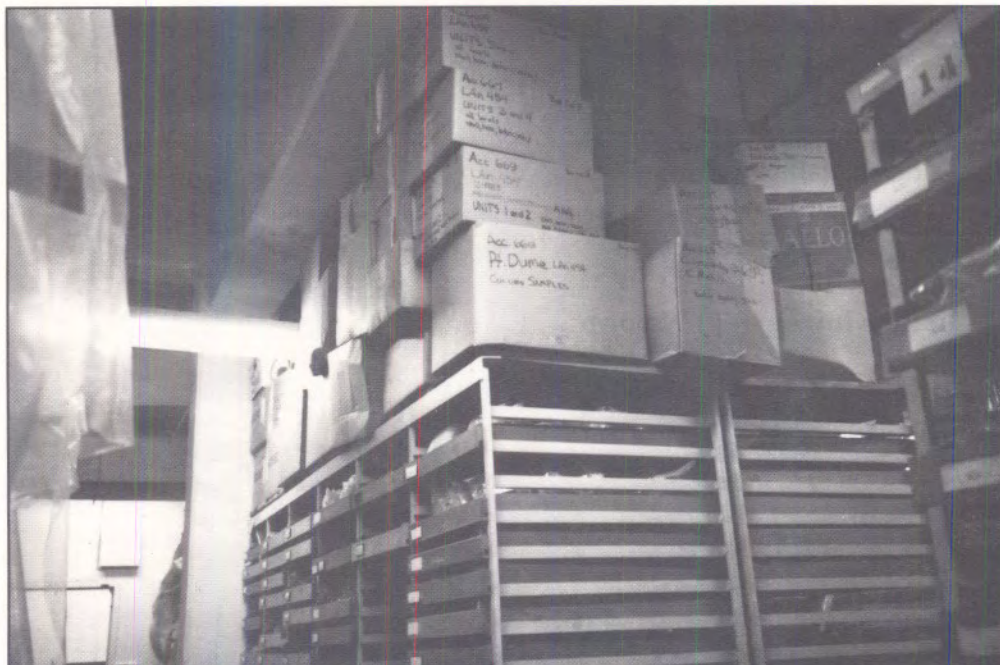


Figure 39. Shelving and primary containers at UCLA. Note crushing and excessive stacking of artifact boxes.

Human Skeletal Remains

No human skeletal remains from VAFB are stored in the UCLA collections.

Records Storage

A copy of the field catalog for Sba-1823 and a draft copy of the report are the only records associated with the Dillon collection stored at UCLA. We were told, however, that the data were collected and stored on computer disks, and that illustrations from Sba-246 are published. It is possible that Brian Dillon still has the missing documentation in his possession.

Collections Management

Registration Procedures

Accession Files: Yes
 Location Identification: Yes
 Cross-Indexed Files: Partial
 Published Guide to Collections: None
 Site-Record Administration: None
 Computerized Data-Base Management: Partial

Written Policies and Procedures

Minimum Standards for Acceptance: Yes

Curation Policy: None

Records-Management Policy: None

Field-Curation Guidelines: None

Loan Procedures: Yes

Deaccessioning Policy: None

Inventory Policy: None

Latest Collection Inventory: Unknown

Curation Personnel

Information not available.

Curation Financing

Information not available.

Access to Collections

Information not available.

Future Plans

Information not available.

Comments

(1) The repository at UCLA does not meet current Federal requirements for archaeological curation. Since there is only one VAFB collection stored at this institution, the most cost-effective solution for long-term curation is to transfer, with the consent of VAFB, the collections to a facility with more-extensive holdings.

(2) The UCLA repository was flooded several days after the curation inspection. Since the repository is located in a sub-basement, water enters the area from the basement located above the collections. Although only several inches of water accumulated on the floor, many shelved collections sustained water damage when water poured down on them from above. This repository is in a deplorable state, and all Federal collections should be removed for their long-term safety.

Recommendations

(1) All archaeological materials, associated documentation, and reports, recovered or generated through contractual agreements with Vandenberg Air Force Base, and stored currently at UCLA should be identified.

- (2) All archaeological materials should be inventoried, rehabilitated, and curated according to Federal guidelines and standards.
- (3) All associated documentation and reports from the Brian Dillon collection should be recovered, arranged, described, and preserved according to Federal guidelines, standards, and modern archival procedures.
- (4) A duplicate copy of all associated documentation and reports should be stored in a separate and secure location.
- (5) The final report for the Brian Dillon project should be prepared and submitted.
- (6) All collections should be transferred to a curation facility, preferably controlled by DoD personnel that can provide the professional staff, institutional commitment, and financial support necessary for the level of professional archaeological curation mandated by current Federal

FORT GORDON, GEORGIA

INSTALLATION SUMMARY

(1) Volume of Artifact collections: 55 ft³

On Base: 20 ft³

Off Base: 35 ft³

Compliance Status: Most collections require major rehabilitation to comply with existing Federal guidelines and standards.

(2) Linear Feet of Records Unknown linear ft

On Base: Unknown linear ft

Off Base: Unknown linear ft

Compliance Status: A number of collections require standard archival preparation to comply with Federal guidelines, standards, and modern archival procedures.

(3) Human Skeletal Remains: No human skeletal remains are present in any of the Fort Gordon collections examined.

(4) Status of Curation Funding: No long-term funding mechanism exists for curation at Fort Gordon.

(5) Status of Installation Repository: No archaeological repository exists at Fort Gordon. The Fort Gordon Signal Museum was the original repository for early archaeological collections recovered from Fort Gordon, and it is the only facility on the base where they could remain. The mission of the museum, however, is to assemble and exhibit a comprehensive collection of communications equipment, and to make these items available to researchers and students of communications. Archaeological collections, both prehistoric and protohistoric, do not fall within its mission statement; therefore, they do not receive the care essential for their long-term survival or the attention necessary to achieve their maximum use. Likewise, the museum does not presently meet mandated Federal requirements for archaeological curation.

INTRODUCTION

Fort Gordon is the home of the Army Signal School and is situated near Augusta on approximately 55,000 acres in the sandhills of Georgia. The history of archaeological activity at Fort Gordon dates to the 1940s and can be divided into three collections phases.

Howard MacCord Collection

Sometime in the 1940s Howard MacCord excavated what has become known as the Wilkerson Lake Site. The collection resulting from this excavation, including the associated documentation, was deposited initially with the Augusta Museum but has since been reported as lost. A letter report written by MacCord in 1985 is the only surviving information on this collection.

George Lewis Collection

George Lewis, a long-time employee at Fort Gordon and an avocational archaeologist, conducted surveys and collected artifacts on the installation for many years. One of his collections, which is described in the *Archaeology of the Fort Gordon Golf Course*, reportedly was deposited with the Fort Gordon Museum but could not be located by museum personnel. The majority of the Lewis Collection, however, was consolidated with materials collected during a later (1980) survey. Mr. Lewis still maintains a collection of archaeological materials from the installation, which he is anxious to deposit with an institution with suitable curatorial facilities.

Cultural-Resource-Management Collections

The first compliance-related archaeological investigation at Fort Gordon was a survey conducted in 1980 by New World Research. The collection was stored in six large boxes and is estimated to contain at least ten (10) cubic feet of materials. Each box contained an inventory sheet, but the listings were inaccurate and were obviously from the original containers, which are now destroyed. Some of the artifact bags (all paper) appear to be originals, but others are replacements. Collection damage has resulted most probably from exposure during years of storage in an open, three-sided shed. The Lewis Collection is intermingled with the New World Collection but can be distinguished by the catalog code. It is possible that the collections could be sorted at a future date. Mr. Lewis and other Fort Gordon personnel expressed concern that a portion of this collection had been removed at an earlier date for museum exhibit and has since disappeared. This may not be the case, however, since a museum-type collection (25-30 exhibitable chipped-stone artifacts) was discovered in the bottom of one of the boxes. Only George Lewis can verify if these are the missing items. Since the original documentation is still missing and the existing box inventories are inaccurate, there was insufficient time to inventory the collection adequately, .

Eighteen archaeological surveys were conducted on Fort Gordon property from 1989 to 1991.

The total collection resulting from these surveys comprises approximately twenty-to-thirty-cubic feet of materials. Some of the Southeastern Archeological Services collections were transferred from the installation's environmental office by the Savannah District. We do not know the extent of the transferred collections. Other collections, or the documentation for reports with negative results, are still with the agencies or companies that performed the fieldwork—U.S. Army Corps of Engineers, Savannah District; Georgia Department of Transportation; and Brockington and Associates, Mount Pleasant, South Carolina. When transferred to an acceptable repository, all collections, including associated documentation, should total more than fifty-feet (55) cubic feet.

SOUTHEASTERN ARCHEOLOGICAL SERVICES COLLECTION

DATE OF VISIT: 16-18 October 1991

PERSONS CONTACTED: Tom Gresham and Chad Braley

Repository

The repository at Southeastern Archeological Services is located in a three-story house that once was a private residence. The area devoted to archaeological storage consists of available space within the building. Fort Gordon collections were stacked on the floor and stored on shelves on the third floor.

Structural Adequacy

The building was not designed to serve as an archaeological repository, nor does it function adequately in this capacity. It is not a suitable structure for the long-term curation of collections.

Environment

Heating and air conditioning are provided for the comfort of the staff. The HVAC system is not designed for the preservation of archaeological collections. Humidity levels are not controlled or monitored.

Security

Access to the collections is available to any of the staff members although both the front and rear doors of the building are locked.

Artifact Storage

Shelving

None

Primary Containers

Artifacts are stored in acidic cardboard boxes with telescoping lids. For the 1980 New World

Research Collection, all artifacts were transferred to 4-mil, polyethylene, zip-lock bags, and provenience information was recorded on the bags with indelible ink. Each bag also contains a polyethylene-coated paper tag that duplicates the information on the bag. Complete documentation for this collection is absent, greatly reducing the value of these materials. Both New World Research and the Interagency Archeological Services in Atlanta searched their files for the original field notes, maps, photographs, and other associated documentation but were unable to locate these records. New World Research did locate 27 unidentified black-and-white photographs and copies of the accession record and ceramic analysis. All evidence indicates that the original documentation was turned over to Fort Gordon personnel along with the artifacts. A more thorough search of museum storage areas at Fort Gordon and discussions with previous museum curators may eventually yield these materials.

Secondary Containers

Artifacts are stored in brown paper bags with a list of the artifacts inside.

Laboratory Processing and Labeling

None

Human Skeletal Remains

No human skeletal remains are present in any of the examined collections.

Records Storage

There is no records storage for the Fort Gordon collections.

Collections Management

There is no collections management, nor collections-management policy, for the Fort Gordon collections. Most of the collections are scattered throughout the southeast region of the United States.

Registration Procedures

Accession Files: None

Location Identification: None

Cross-Indexed Files: None

Published Guide to Collections: None

Site-Record Administration: None

Computerized Data-Base Management: None

Written Policies and Procedures

Minimum Standards for Acceptance: None

Curation Policy: None
Records-Management Policy: None
Field-Curation Guidelines: None
Loan Procedures: None
Deaccessioning Policy: None
Inventory Policy: None
Latest Collection Inventory: None

Curation Personnel

None

Curation Financing

None

Access to Collections

No written procedures exist for accessing the archaeological collections.

Future Plans

Unknown

COMMENTS

- (1) A lack of knowledge of the extensive archaeology and history of Fort Gordon and limited funding prevented us from performing an in-depth evaluation of the installation's collection.
- (2) One small collection was removed from the U.S. Army Corps of Engineers, Savannah District and transferred to Southeastern Archeological Services (SAS). We processed the collection for curation at SAS as requested by Dr. Briuer of the Waterways Experiment Station. Dr. Briuer was the project manager for the Fort Gordon curation-needs assessment study.
- (3) Three potential repositories for the Fort Gordon collections were inspected: Georgia Southern University, Statesboro; the University of Georgia, Athens; and West Georgia College, Carrollton. In addition to an on-site inspection of each of these curation facilities, an extensive on-site interview was conducted with curatorial personnel in an effort to determine the capability of the facilities to provide long-term care for collections under the standards and guidelines set forth in 36 CFR Part 79. The following summaries provide sufficient information on which to select a temporary repository for the Fort Gordon collections.

Georgia Southern University

Rooms for archaeological curation are located next to the laboratory and classroom facilities of Dr. Sue Moore in the Department of Anthropology and Sociology building. The building is a masonry structure and is heated and air conditioned. The environment, including humidity, is monitored; however, there is no effective means of controlling humidity fluctuations. The storage rooms are essentially six large closets, each approximately 150 ft² in size. The rooms are not equipped with proper shelving, and artifact boxes in several rooms are stacked on the floor. Archaeological documentation is currently stored in a series of file drawers in an open, student laboratory.

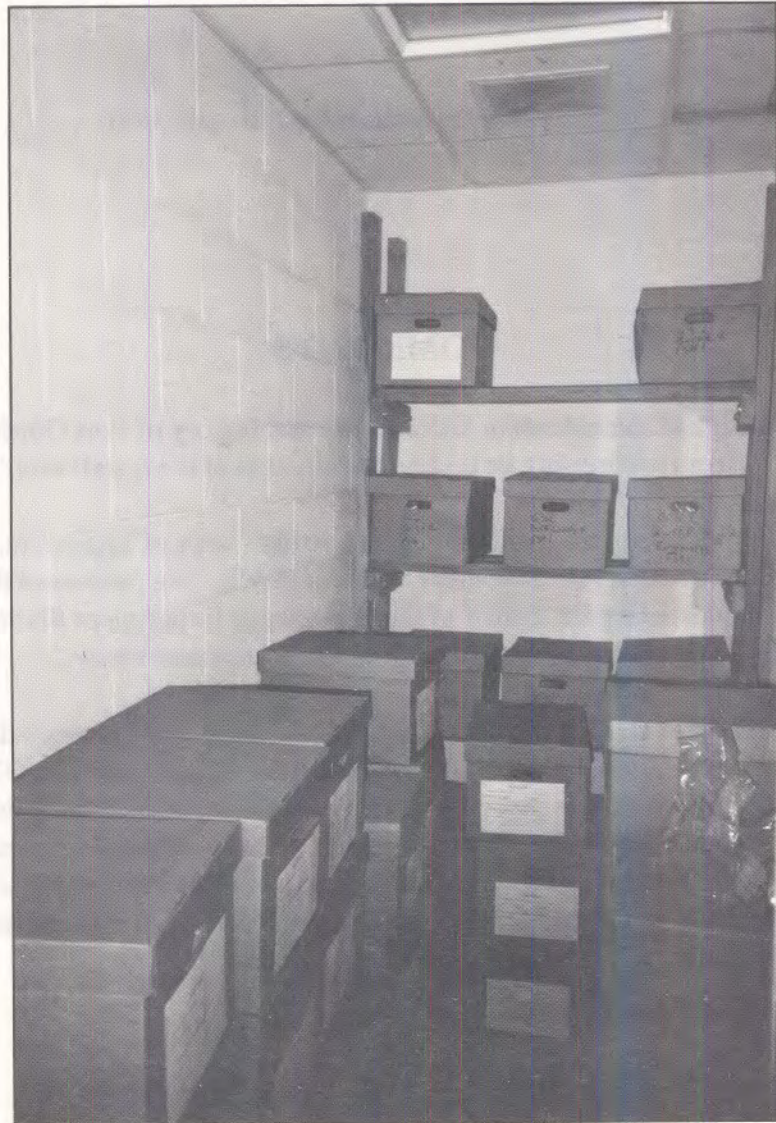


Figure 40. Collections storage area at Georgia Southern University. This room is a former interview cubicle for the Psychology Department.



Figure 41. The records storage area at Georgia Southern University.

University of Georgia

Archaeological collections at the University of Georgia are in the process of being moved to a permanent storage facility on the university campus. This masonry building is somewhat removed from the Department of Anthropology. Space within the facility is shared with other university operations, but the collection rooms are secured from unauthorized access. Temperature and humidity levels are controlled and monitored. There are also rooms designated specifically for the care of archival materials and for artifacts requiring sensitive environmental monitoring. Except for the possibility of collection damage from overhead pipes, the facility meets most of the requirements of 36 CFR Part 79. Although the primary collections room may reach capacity in the near future (three-to-five years), there currently is ample storage space for the Fort Gordon Collections. The collections are under the direct control of Dr. David Hally.

West Georgia College

Existing facilities for archaeological storage at the West Georgia College Archaeological Laboratory are not adequate for the care of the Fort Gordon collections. A new storage center for artifacts and records is under construction but will not be completed in time to accept existing collections. There are also questions as to whether the new facility will satisfy Federal repository requirements for secure and environmentally controlled artifact curation. If this building is to be

considered for permanent curation of the Fort Gordon collections, it should be re-evaluated upon completion of construction.

RECOMMENDATIONS

- (1) All archaeological materials stored on base and off base should be inventoried, rehabilitated, and curated according to Federal guidelines and standards.
- (2) All associated documentation and reports, including reports with negative results, should be arranged, described, and preserved according to Federal guidelines and standards and modern archival procedures.
- (3) A duplicate copy of all associated documentation and reports should be stored in a separate and secure location.
- (4) Planning should be initiated for consolidating all Fort Gordon archaeological collections into a central curation facility that can provide the professional staff, institutional commitment, and financial support necessary for the level of professional archaeological curation mandated by current Federal regulations.
- (5) Every effort should be made to locate and recover all missing artifact collections, associated documentation, and reports relating to the archaeology of Fort Gordon.
- (6) Copies of all contract reports should accompany the collections.
- (7) An agreement should be signed with the University of Georgia, Athens for the temporary storage (one year) of the Fort Gordon artifact collections, associated documentation, and reports. This recommendation should be expedited immediately, since the collections are now at Southeastern Archeological Services, which does not have adequate storage space nor the responsibility for their curation.
- (8) Unless a more satisfactory repository is identified or provided within the state of Georgia, a contract should be negotiated with the University of Georgia, Athens for the long-term curation of the Fort Gordon collections.

FINDINGS SUMMARY FOR DEPARTMENT OF DEFENSE INSTALLATIONS

The nature of the inspection of the Fort Gordon collections did not result in the level of detail similar to that obtained from the Fort Sill; the Vandenberg Air Force Base; the Naval Air Weapons Station, China Lake; and the Camp Pendleton Marine Corps Base collections. Thus, the following summary and information does not include any Fort Gordon collections.

Twenty (20) individual storage areas that house artifact collections from four Department of Defense (DoD) installations were inspected. Six (30%) of these facilities are located on installation properties; the remaining 14 (70%) are located off base in museums and university repositories or with private contractors (Table 1). The percentages are reversed, however, when volume is considered, with 75% of the collections housed in installation facilities and only 25% of the materials located off base (see Table 2).

Table 1.
Number and Types of Archaeological Repositories by Installation

Military^a Installation	Installation Repository	University Repository	Museum Repository	Private Contractor	Total No. of Locations
Camp Pendleton	1	2	0	3	6
Fort Sill	1	0	1	2	4
NAWS, China Lake	2	1	1	1	5
Vandenberg AFB	2	3	0	0	5
TOTAL	6	6	2	6	20

^aOn-base locations = 6 (30%); off-base locations = 14 (70%).

All storage facilities at DoD locations are uniformly substandard in meeting the mandated requirements for curating Federally owned archaeological collections. Some installations do a better job of curating collections than others, but without funding for adequate storage facilities, management programs, and personnel collections at these installations will continue to deteriorate. Collections housed in off-base repositories fare better than those kept on base, but even these collections are not curated and housed in a manner that satisfies the requirements of current Federal regulations. Only three of the 20 inspected facilities meet the minimum Federal standards for storage facilities outlined in 36 CFR Part 79.

Table 2.
Location of Identified Artifact Collections by Volume in Cubic Feet

Military Installation	On-Base Repositories	Off-Base Repositories	Total Ft³
Camp Pendleton	24 (71%)	10 (29%)	34
Fort Sill	417 (94%)	25 (6%)	442
NAWS, China Lake	250 (74%)	87 (26%)	337
Vandenberg AFB	93 (40%)	140 (60%)	233
TOTAL	784 (75%)	262 (25%)	1046

REPOSITORIES

Dedicated archaeological repositories exist at two surveyed installations, but these structures are essentially buildings that are undesirable for other installation functions. However, they are also totally inadequate for archaeological curation. Both structures have leaking roofs, poor security, insufficient and inadequate environmental controls, and no regularly scheduled programs of building maintenance. Repository adequacy of off-base facilities range from excellent at the two museum locations to extremely poor at two other sites.

ARTIFACT CURATION

No artifact collections are properly prepared for long-term curation. Major deficiencies were observed regarding the cleaning, labeling, packaging, and storing of these materials. These collections will have to be reprocessed in order to conform to the minimum requirements of 36 CFR Part 79. An unknown number of artifacts require the immediate attention of an archaeological conservator.

HUMAN SKELETAL REMAINS

Collections belonging to Camp Pendleton, Fort Sill, Vandenberg Air Force Base, and the Naval Air Weapons Station, China Lake contain human skeletal remains and associated grave goods (Table 3) that, for the most part, are curated no better than other artifact collections. The installations on whose property these remains were removed must complete the required inventory and summary of these materials, as specified in the Native American Graves Protection and Repatriation Act, within the next two years. Only the Naval Air Weapons Station, China Lake has initiated the NAGPRA process, which is a credit to the installation archaeologist.

Table 3.
Human Burial Collections from Inspected Military Installations

Military Installation	Human Remains Present	Associated Funerary Objects	Unassociated Funerary Objects	Documentation
Camp Pendleton				
Base Repository	yes	yes	unknown	yes
University Repository	unknown	unknown	unknown	unknown
Museum Repository	not available	not available	not available	not available
Private Contractor	no	no	no	not available
Government Contractor	not available	not available	not available	not available
Fort Sill				
Base Repository	yes	yes	unknown	unknown
University Repository	no	no	not available	not available
Museum Repository	no	unknown	unknown	unknown
Private Contractor	no	no	no	not available
Government Contractor	not available	not available	not available	not available
NAWS, China Lake				
Base Repository	yes	unknown	unknown	unknown
University Repository	no	no	no	not available
Museum Repository	yes	yes	unknown	partial
Private Contractor	no	no	no	not available
Government Contractor	no	no	no	not available
Vandenberg AFB				
Base Repository	no	no	no	not available
University Repository	yes	unknown	unknown	unknown
Museum Repository	not available	not available	not available	not available
Private Contractor	no	no	no	not available
Government Contractor	no	no	no	not available

RECORDS MANAGEMENT

Most collections of associated documentation are separated from the artifact collections and could not be located by repository personnel. Other documents are missing because of inadequate or nonexistent records-management programs. Most records that could be identified and located are not being cared for in a manner that will ensure their long-term survival. Archival-quality preservation techniques were rarely observed. Paper documents are not contained within acid-free folders, maps are not stored flat in metal cases, and photographic materials are not individually isolated and stored in chemically inert sleeves. All records are being subjected to

unfavorable environmental conditions. This situation is especially harmful to photographic and machine-readable records, which will be lost in the very near future. No records are housed in fire-proof cabinets, and none are duplicated and the copy stored in a separate location.

MANAGEMENT CONTROLS

Basic collections-management tools, such as accession records, inventories, and written policies and procedures for curation, records management, and loans do not exist at three of the four military installations examined. These tools are also noticeably absent at three of the four university repositories visited. The collections have effectively been abandoned by the agencies within DoD. Abrogation of this responsibility had led to substandard care for the collections at universities, museums, and other repositories.

Agency	Accession Records	Inventories	Written Policies/Procedures
Fort Sill	no	no	no
Base Repository	no	no	no
University Repository	no	no	no
Museum Repository	no	no	no
Private Contractor	no	no	no
Government Contractor	no	no	no
Naval Air Station	no	no	no
Base Repository	no	no	no
University Repository	no	no	no
Museum Repository	no	no	no
Private Contractor	no	no	no
Government Contractor	no	no	no
Vanderberg AFB	no	no	no
Base Repository	no	no	no
University Repository	no	no	no
Museum Repository	no	no	no
Private Contractor	no	no	no
Government Contractor	no	no	no

RECORDS MANAGEMENT

Most collections of research documentation are reported from the subject collections and could not be located by repository personnel. Other documents are missing because of inadequate or nonexistent records-management programs. Most records that could be identified and located are not being cared for in a manner that will ensure their long-term survival. Archival-quality preservation techniques were rarely observed. Paper documents are not contained within acid-free folders, were not stored flat in metal cases, and photographic materials are not individually jacketed and stored in chemically treated sleeves. All records are being subjected to

RECOMMENDATIONS

The following recommendations are submitted for bringing all Department of Defense installations into timely and cost-effective compliance with the mandates of the Native American Graves Protection and Repatriation Act (P. L. 101-601) and 36 CFR Part 79, Curation of Federally-owned and Administered Archeological Collections.

NATIVE AMERICAN GRAVES PROTECTION AND REPATRIATION ACT (P.L. 101-601)

Recommend that a funding mechanism be established immediately that, over the next three years, would bring all DoD installations into compliance with the requirements of sections 5 through 7 of the Act. Requirements for compliance include the following three items.

- (1) Installations possessing or controlling collections of Native American human remains and associated funerary objects must compile an inventory of such items and identify the geographical and cultural affiliation of such items (see Sec. 5).
- (2) Installations possessing or controlling collections of Native American unassociated funerary objects, sacred objects, and objects of cultural patrimony shall provide a written summary of such objects based upon available information (see Sec. 6).
- (3) Installations shall expeditiously return any objects in which cultural affiliation can be made based on the findings of the inventory and summary and upon the request of a known lineal descendant (see Sec. 7).

INVENTORY AND REHABILITATION OF COLLECTIONS

Recommend that a permanent funding mechanism (for all services) be established in order to implement a program for the inventory, rehabilitation, and storage of artifact and archive collections under the control of DoD. This will result in the stabilization, preservation, and management of existing archaeological collections.

REGIONAL CURATION CENTERS

Recommend that all DoD archaeological resources be consolidated into regional curation centers for their long-term preservation. If current institutions exist within recognized

cultural/anthropological regions and meet Federal standards, these centers should be used by DoD. However, if collections centers do not exist and rehabilitation of current centers is cost prohibitive, then DoD should design, construct, operate, and maintain their own centers in consultation with DoD cultural-resources personnel. A prototype center should be developed immediately for the consolidation and curation of all collections held by military installations scheduled to be closed under BRAC in the next five years.

DOD CURATION ADVISEMENT AGENCY

Recommend that an agency within the DoD be appointed to advise and assist:

- (1) all installations with compliance with NAGPRA, P.L. 101-601;
- (2) the DoD with the development of archaeological curation standards incorporating the guidelines outlined in 36 CFR Part 79;
- (3) all installations with compliance with the regulatory requirements of 36 CFR Part 79 (Such advice and assistance will include, but not be limited to, curation-needs assessments, collections management, and development of repository standards.);
- (4) all installations with the physical inventory, rehabilitation, and storage of artifact and archive collections;
- (5) all branches of the DoD with the development of exhibits, lectures, and publications, which will promote and disseminate information relevant to the collections under their control; and
- (6) all branches of the DoD with the development of regional curation facilities, which could represent an interservice effort in providing long-term curatorial and management services for archaeological resources under DoD control.

APPENDIX I

SURVEY QUESTIONNAIRE

GENERAL REPOSITORY INFORMATION

1. Does the repository have written minimum standards for the acceptance of archaeological collections? If yes, describe or attach copy.
2. Does the repository have a comprehensive plan for curation? If yes, describe or attach copy.
3. Does this plan address:
 - a. Receipt of materials?
 - b. Processing of materials?
 - c. Use of materials?
 - d. Future preservation?
4. Is there a master catalog for collections?
5. Are the files cross indexed?
6. Are all materials (artifacts and documentation) accessioned upon receipt?
7. Is the location of the collections within the repository identified in the accession file?
8. Has this information been kept up-to-date?
9. Does the repository maintain a file of documented property receipts?
10. Is there a registration record and/or a copy of the initial inventory?
11. Are there established procedures for periodic inventory?
12. When were the collections last inventoried?
13. Are collections from individual sites stored as a unit? If no, describe procedure.
14. Are collections for the same region stored together? If no, describe procedure.

15. Are collections and documentation readily accessible?
16. Is storage space adequate for housing the collections? If no, describe storage conditions.
17. How much space is devoted to storage?
18. What are the anticipated storage and handling requirements to adequately maintain collections for the next twenty years?
19. Is access to collections controlled by curation personnel?
20. Do others have access to the collections? If yes, describe.
21. Describe the repository's policy regarding access to collections by researchers.
22. Has the repository ever been the victim of a security failure? If yes, describe.
23. What are the loan procedures for collections?
24. Does the repository use automated data processing techniques to manage its collections? If yes, describe.
25. Does the repository publish a list of the collections it retains?
26. Does the repository publish field-curation guidelines for researchers depositing collections? If yes, describe or attach copy.
27. Is there a deaccessioning policy? If yes, describe or attach copy.
28. Does the catalog identify those artifacts or parts of artifacts that have been destroyed through analysis (e.g., ^{14}C or neutron activation)?
29. Is there a system of site-record administration in place? If yes, how is it organized?
30. Are there cooperative agreements with other institutions to standardize registration and cataloging procedures? If yes, describe.
31. Is the repository privately owned or associated with another agency?
32. How is curation financed?
33. Is there a full-time curatorial staff?
34. How large is the staff?

35. Describe their formal curatorial training?
36. What are their primary responsibilities?
37. Describe any definite plans for the upgrading of the curation program?
38. What do you see as the primary responsibility associated with each collection?
39. How well do you feel you meet your curation responsibilities?
40. What size budget do you feel would be adequate to meet your curation responsibilities?
41. Does recovery of archaeological material have a higher priority than adequate curation of existing collections?

ARTIFACT COLLECTIONS: GENERAL INFORMATION

1. Are there written guidelines and standards for the curation of artifacts? If yes, describe or attach copy.
2. Are any artifacts systematically excluded from curation?
3. Environmental Conditions:

Light:	Dust:
Temperature:	Biological Infestation:
Humidity:	Infestation Control:
4. Are environmental conditions monitored?
5. Primary means of storage:

Boxes?	Drawers?	Other?
--------	----------	--------
6. If drawer storage, are measures taken to prevent artifact contact?
7. Is storage space maximized by excessive stacking of objects and boxes?

ARTIFACT COLLECTIONS: CERAMICS/LITHICS/FAUNAL/OTHER (Complete for Each Type)

1. Are _____ artifacts included in this collection?
2. Have they been:
 Cleaned? Permanently labeled? Analyzed?
3. Has an unwashed sample been preserved for possible future analysis of residues?
4. In what type of containers are they stored?
5. Are containers labeled and readily identifiable?
6. Are all _____ accounted for?
7. Are any materials in museum displays?
8. Has all documentary material been preserved?
9. Is the documentary material readily available?

ARTIFACT COLLECTIONS: HUMAN SKELETAL REMAINS

1. Are human skeletal remains included in this collection?
2. Have they been:
 Cleaned? Stabilized? Permanently labeled? Analyzed?
3. In what type of containers are remains stored?
4. Are containers labeled and readily available?
5. Is there an accounting for all remains?
6. Are any materials in museum displays?
7. Are remains stored under stable temperature and humidity conditions?
8. Have all burial forms, photographs, and other documentary materials been preserved?

- 9. Is the documentary material readily available?

DOCUMENTATION: GENERAL INFORMATION

- 1. Are there written guidelines and standards for the curation of:
 Paper Records? Photographs and Slides? Maps?
 If yes, describe or attach copy.
- 2. Is there adequate space for document storage?
- 3. Are any documents systematically excluded from curation?
- 4. Are duplicates of the original documentation maintained separately?
 Where? Photocopy or Microfilm?
- 5. Are documents secure from loss due to:
 Fire? Water Damage? Theft?
- 6. Are documents legible and reproducible?
- 7. Describe all security deficiencies.
- 8. Who is responsible for record maintenance and security?
- 9. Who has access to the records?
- 10. Is there a check-out system for records?
- 11. Have any records been lost?
- 12. What are the plans for retention in perpetuity?
- 13. Are there locally available alternatives for retention?

DOCUMENTATION: PAPER RECORDS

1. Type:

Contracts?	News Clippings?
Proposals?	Site Forms?
Field Notebooks?	Feature Forms?
Laboratory Records?	Artifact Forms?
Fiscal Data?	Photo Forms?
Official Correspondence?	Photo Log?
Reports?	Burial Forms?
Expert Analysis?	Other?
2. How are these records curated?
3. Environmental Conditions:

Light:	Dust:
Temperature:	Biological Infestation:
Humidity:	Infestation Control:
4. Are environmental conditions monitored?
5. What is the present condition of this material?

DOCUMENTATION: PHOTOGRAPHS AND SLIDES

1. Type:

Black and White?	Slides?	Aerial?
Color?	Negatives?	Log?
2. Environmental Conditions:

Light:	Dust:
Temperature:	Humidity:
Biological Infestation:	Infestation Control:
3. How are photographs curated?
4. How are slides curated?
5. How are negatives curated?
6. Are environmental conditions monitored?

7. What is the present condition of this material?
Faded? Damaged? Lost?
8. Are they stored with other documentation?

DOCUMENTATION: MAPS AND DRAWINGS

1. Type:
USGS? Features? Computer Symap?
Field? Floor Plans? Sketches?
Contour? Site Plot? Drawings?
2. Storage:
Rolled? In tubes? Folded? Flat?
3. Environmental Conditions:
Light: Dust:
Temperature: Biological Infestation:
Humidity: Infestation Control:
4. Are environmental conditions monitored?

APPENDIX II

COLLECTION-EVALUATION FORM

PROJECT:

SITE #:

CONTAINER #:

ACCESSION #:

PRIMARY CONTAINERS

1. CONTAINER TYPE:

Boxes (acid-free) _____ Drawers (wood) _____ Cabinets (wood) _____
Boxes (acidic) _____ Drawers (metal) _____ Cabinets (metal) _____

Comments:

2. CONTAINER SECURITY:

Telescoping Lid _____ Tape _____ Other _____
Folded Flaps _____ Staples _____

Comments:

3. CONTAINER LABELS:

Type: Adhesive _____ Medium: Marker _____
Paper/staple _____ Pencil _____
Paper/tape _____ Pen/Ink _____
Unlabeled _____ Typed _____
Direct _____ Stamped _____
Other _____

Legibility: Clear _____ Faded _____ Illegible _____

Information: Accession # _____ Provenience _____
Site # _____ Contents List _____
Container # _____ Other _____

Comments:

4. CONTAINER DAMAGE:

None _____ Puncture _____ Water _____
Rupture _____ Compression _____ Insect/Rodent _____
Tear _____ Overpacking _____ Other _____

Comments:

SECONDARY CONTAINERS

1. CONTAINER TYPES:

Paper Bags _____	Cloth Bags _____
Plastic Bags (Open):	Small Boxes:
2-mil _____	Acid free _____
4-mil _____	Acidic _____
Other _____	Vials:
Plastic Bags (Zip lock):	Plastic _____
2-mil _____	Glass _____
4-mil _____	Metal _____
Other _____	Other Containers _____

Comments:

2. CONTAINER SECURITY:

Open _____	Rubber Bands _____
Twist ties _____	String _____
Knotted _____	Staples _____
Folded _____	Lids _____
Zip lock _____	Other _____

Comments:

3. CONTAINER LABELS:

Type:	Adhesive _____	Medium:	Marker _____
	Paper/staple _____		Pencil _____
	Paper/tape _____		Pen/Ink _____
	Unlabeled _____		Typed _____
	Direct _____		Stamped _____
			Other _____
Legibility:	Clear _____	Faded _____	Illegible _____

Information:	Accession # _____	Provenience _____
	Site # _____	Contents List _____
	Container # _____	Other _____

Comments:

4. CONTAINER DAMAGE:

None _____	Puncture _____	Water _____
Rupture _____	Compression _____	Insect/Rodent _____
Tear _____	Overpacking _____	Other _____

Comments: _____

ARTIFACT COLLECTIONS

1. COLLECTION TYPE:

Prehistoric Artifacts _____	Mixed _____
Historic Artifacts _____	Documentation _____

2. ARTIFACT CLASSIFICATION—PREHISTORIC:

Botanical _____	Lithics:
Burned Earth _____	Chipped-stone Artifacts _____
Soil Samples _____	Debitage _____
Charcoal _____	Ground-stone Artifacts _____
Faunal _____	Hammer Stones _____
Flotation Samples _____	Fire-cracked Rock _____
Human Skeletal (complete Pt. 4) _____	Other Lithics _____
Shell _____	Non-cultural Stone _____
Other _____	

Comments: _____

3. ARTIFACT CLASSIFICATION—HISTORIC:

Ceramics _____	Brick/Masonry _____	Faunal _____
Glass _____	Leather _____	Botanical _____
Metal _____	Jewelry _____	Charcoal _____
Bone/Ivory/Shell _____	Objects _____	Coins _____
Other _____	Wood _____	Toy Objects _____

Comments: _____

4. LABORATORY PROCESSING:

Cleaned:	Sorted:	Labeled:
Yes _____	Yes _____	Yes _____
No _____	No _____	No _____
Partial _____	Partial _____	Partial _____

Comments: _____

5. ARTIFACT LABELS:

Type: Adhesive _____ Medium: Marker _____
 Paper/staple _____ Pencil _____
 Paper/tape _____ Pen/Ink _____
 Unlabeled _____ Typed _____
 Direct _____ Stamped _____
 Other _____

Legibility: Clear _____ Faded _____ Illegible _____

Comments:

6. BACKGROUND PREPARATION (Describe):

Comments:

HUMAN SKELETAL REMAINS

1. INDIVIDUALS: CONDITION: CLEANED:
 Number _____ Good _____ Yes _____
 Indeterminate _____ Fragile _____ No _____
 Cremation _____ Partial _____

2. ELEMENTS:
 Skull _____ Ribs _____ Long Bones _____ Complete _____
 Vertebra _____ Hand/Foot _____ Partial _____ Pelvis _____
 Other _____ Dentition _____

3. LABELS:
 Type: Adhesive _____ Medium: Marker _____
 Paper/staple _____ Pencil _____
 Paper/tape _____ Pen/Ink _____
 Unlabeled _____ Typed _____
 Direct _____ Stamped _____
 Other _____

Legibility: Clear _____ Faded _____ Illegible _____

Comments:

4. BACKGROUND PREPARATION (Describe):

Comments:

APPENDIX III

PROJECT REPORTS AND COLLECTIONS LOCATIONS: CAMP PENDLETON, CALIFORNIA

Project Year: 1968
Report Date: 1968
Author: Ezell, Paul H.
Title: *The Archaeological Survey of the Fallbrook and De Luz Reservoir Sites*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1973-74
Report Date: 1975
Author: Ezell, Paul H.
Title: *The Aboriginal Cemetery at Las Flores Creek, Camp Pendleton*
Collection Location: Camp Pendleton (Partial)
Documentation Location: Camp Pendleton (Partial)

Project Year: 1974
Report Date: 1975
Author: Bull, Charles S.
Title: *Archaeological Reconnaissance of a Portion of the Coast of Camp Pendleton, San Diego County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1975
Report Date: 1975
Author: Welch, Patrick H. A.
Title: *An Archaeological Survey of the State Park Acquisition Located in Northern Camp Pendleton, San Diego County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1975
Report Date: 1975
Author: Welch, Patrick H. A.
Title: *An Archaeological Survey of the Santa Margarita River Valley and Adjacent Areas, Camp Pendleton, San Diego County, California*
Collection Location: Unknown
Documentation Location: San Diego State University

Project Year: 1976
 Report Date: 1976
 Author: Ezell, Paul H. (Engineering-Science)
 Title: *An Archaeological Survey of Alternative No. 2b, Pilgrim Creek Effluent, Fallbrook Sanitary District*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1976
 Report Date: 1978
 Author: Waldron, Wendy
 Title: *Survey of the Case Spring and De Luz Wilderness Areas, Camp Pendleton Marine Corps Base, San Diego, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1977
 Report Date: 1977
 Author: Ezell, Paul H.
 Title: *Report on the Calvarium Found on the Grounds of the Commanding Officer's Quarters, Camp Joseph H. Pendleton, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1977-78
 Report Date: 1979
 Author: Hunter, Brian, and Richard L. Carrico
 Title: *An Archaeological Survey of the Pilgrim Creek Area, Camp Pendleton, San Diego County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1978
 Report Date: 1978
 Author: Walker, Carol J., and Charles S. Bull (RECON)
 Title: *Cultural Resource Reconnaissance of the Talega Substation to San Onofre Switchyard 230 KV Transmission Line Corridor*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1978
 Report Date: 1979
 Author: Walker, Carol J., and Charles S. Bull (RECON)
 Title: *Cultural Resource Reconnaissance of Talega Substation to Rainbow Substation 230 KV Transmission Line Corridor*

Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1978

Report Date: 1980

Author: Ezell, Paul H., Joseph Gerard Theskin, Cynthia Draper, and Stephen R. Van Wormer

Title: *The 1978 Archaeological Survey, Camp Joseph H. Pendleton*

Collection Location: Unknown

Documentation Location: Unknown

Project Years: 1978-79

Report Date: 1979

Author: Cultural Systems Research

Title: *Cultural Resources and the High Voltage Transmission Line from San Onofre to Santiago Substation and Black Star Canyon: A Study of the Ethnography, Archaeology, and History of the Vicinity of the Line*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1980

Report Date: 1981

Author: Murray, John

Title: *An Archaeological Survey of an Inland Portion of Joseph H. Pendleton Marine Corps Base, San Diego County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1981

Author: Murray, John

Title: *Archaeological Survey of 6,400 acres on Camp Pendleton, San Diego, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1981

Report Date: 1987

Author: Ezell, Paul H.

Title: *The 1981 Archaeological Survey, Camp Joseph H. Pendleton*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1983

Report Date: 1983

Author: Ezell, Paul H.

Title: *Site SDI-811, Recorded as on Red Beach, Camp Pendleton*

Collection Location: Camp Pendleton (?)

Documentation Location: Camp Pendleton (?)

Project Year: Unknown

Report Date: 1984

Author: Tartaglia, Louis James (University of California, Los Angeles)

Title: *Cultural Resource Survey: Marine Corps Air Facility, Camp Pendleton*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1984

Author: Polan, Keith

Title: *A Cultural Resource Inventory of the Pilgrim Creek Family House Site, MCG Camp Pendleton*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1987

Report Date: 1987

Author: Clevenger, Joyce M., and Allan J. Schilz (ERCE)

Title: *Cultural Resource Survey of the Stuart Mesa Family Housing Project Alternatives Marine Corps Base, Camp Pendleton, San Diego County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1989

Report Date: 1989

Author: Wade, Sue A. (RECON)

Title: *A Cultural Resource Survey of the Santa Margarita River from Temecula to the Pacific Ocean*

Collection Location: No artifacts recovered

Documentation Location: RECON

Project Year: 1989-90

Report Date: 1990

Author: Hines, Philip

Title: *A Re-evaluation of the Prehistoric Archeological Sites within the Pendleton Coast District*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1991

Report Date: 1991

Author: Gallegos, Dennis (Gallegos & Associates)

Title: *Historical/Archaeological Survey and National Register Evaluation Report for Camp Pendleton Military Family Housing Environmental Assessment, San Diego, California*

Collection Location: Gallegos and Associates

Documentation Location: Gallegos and Associates

Project Year: 1991

Report Date: 1991

Author: Schaefer, Jerry (Brian F. Mooney Associates)

Title: *Archaeological Testing and Evaluation of Subsurface Deposits at the Rancho Santa Margarita Chapel, Camp Pendleton, California*

Collection Location: Brian F. Mooney Associates

Documentation Location: Brian F. Mooney Associates

APPENDIX IV

PROJECT REPORTS AND COLLECTIONS LOCATIONS: FORT SILL, OKLAHOMA

Project Year: 1959

Report Date: 1959

Author: Shaeffer, James B.

Title: *Archaeological Survey of the Fort Sill Military Reservation, Oklahoma*

Collection Location: Museum of Natural History, Norman (on loan to Geo-Marine)

Documentation Location: Museum of Natural History, Norman (on loan to Geo-Marine) and Fort Sill Museum director's office.

Project Year: 1960

Report Date: 1961

Author: Shaeffer, James B.

Title: *Six Sites on the Fort Sill Military Reservation*

Collection Location: Museum of Natural History, Norman (on loan to Geo-Marine)

Documentation Location: Museum of Natural History, Norman (on loan to Geo-Marine) and Fort Sill Museum director's office.

Project Year: 1963-64

Report Date: 1965

Author: Bastian, Tyler

Title: *An Archaeological Survey of the East Cache Creek Local Flood Protection Project, Comanche County, Oklahoma*

Collection Location: Museum of the Great Plains

Documentation Location: Museum of the Great Plains

Project Year: 1964-65

Report Date: 1966

Author: Bastian, Tyler

Title: *Archaeological Investigations in the Wichita Mountains Wildlife Refuge, Oklahoma*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1966

Author: Jones, Walter H.

Title: *Cartridge Cases and Projectiles from the Tyree Site, 34CM132*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown
 Report Date: 1969
 Author: Jackson, J. Brantley
 Title: *Watta Site: A Comanche Burial at Fort Sill, Oklahoma*
 Collection Location: Fort Sill
 Documentation Location: Unknown

Project Year: Unknown
 Report Date: 1971
 Author: Pearson, Charles.
 Title: *Glass Trade Beads from Fort Sill, Oklahoma*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1969
 Report Date: 1972
 Author: Jackson, J. Brantley
 Title: *The Jared Site: A Comanche Burial at Fort Sill, Oklahoma*
 Collection Location: Fort Sill
 Documentation Location: Unknown

Project Year: Unknown
 Report Date: Unknown
 Author: Durham, Dale
 Title: *Archaeological Survey of Potato Hill*
 Collection Location: Fort Sill
 Documentation Location: Unknown

Project Year: 1971
 Report Date: 1978
 Author: Pearson, Charles E.
 Title: *The Rabbit Hill Site: A Late Nineteenth Century Southern Plains Indian Burial at Fort Sill, Oklahoma*
 Collection Location: Fort Sill
 Documentation Location: Fort Sill

Project Year: 1973
 Report Date: 1974
 Author: Durham, Dale
 Title: *The Oklahoma Anthropological Society Fall Dig at Fort Sill, Oklahoma*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1975-76

Report Date: 1977

Author: Spivey, Towana, C. Reid Ferring, David J. Crouch, and Kathy Franklin

Title: *Archaeological Investigations Along the Waurika Pipeline*

Collection Location: Museum of the Great Plains

Documentation Location: Museum of the Great Plains

Project Year: 1976

Report Date: 1978

Author: Ferring, C. Reid

Title: *An Archaeological Reconnaissance of Fort Sill, Oklahoma*

Collection Location: Fort Sill

Documentation Location: Fort Sill and the Museum of the Great Plains

Project Year: 1977

Report Date: 1977

Author: Crouch, Daniel J.

Title: *Archaeological Investigations of the Kiowa and Comanche Indian Agency
Commissaries, 34CM-232*

Collection Location: Fort Sill

Documentation Location: Museum of the Great Plains

Project Year: 1978

Report Date: 1978

Author: Shott, G. C., Jr., D. L. Dewey-Shott, and David Conner (Archaeological
Resources, Tucson, Arizona)

Title: *Archaeological Reconnaissance of Proposed Sanitary Sewer Route*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1980

Report Date: 1980

Author: Spivey, Towana

Title: *An Archaeological Survey of the Fort Sill Barracks-Trainee Complex Water Pipeline*

Collection Location: Unknown

Documentation Location: Museum of the Great Plains

Project Year: 1980

Report Date: 1980

Author: Northcutt, John D.

Title: *An Archaeological Monitor Report for Underground Telephone Cable Installation on the
Fort Sill Old Post Historic Landmark*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1980
 Report Date: 1980
 Title: *Artifacts From the 500 Area*
 Author: Jones, Walter
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1986
 Report Date: 1986
 Author: Spivey, Towana
 Title: *Archaeological Survey of Barracks Complex-Trainee No. 309, 326, and T544*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1989
 Report Date: 1989
 Author: Spivey, Towana
 Title: *Reconstruction of Moway Road and McKenzie Hill Road*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1990-91
 Report Date: 1992
 Author: Peter, Duane E. and Gathel M. Weston (Geo-Marine)
 Title: *1990-1991 Archaeological Survey of Selected Parcels of Fort Sill, Oklahoma*
 Collection Location: Geo-Marine, Plano, Texas
 Documentation Location: Geo-Marine, Plano, Texas

Project Year: 1991
 Report Date: 1991
 Author: Anderson, Joseph K., and Susan E. Bearden
 Title: *Documentation and Analysis of Materials Recovered from Site 34-Cm-274, Lawton Sewer Line Project, Comanche County, Oklahoma*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1991
 Report Date: 1991
 Author: Anderson, Joseph K., and Susan E. Bearden (GEI Consultants)
 Title: *An Archaeological Survey of Approximately 960 Acres on the Wichita Mountains Wildlife Refuge and Adjacent Fort Sill Military Reservation, Comanche County, Oklahoma*
 Collection Location: GEI Consultants, Englewood, Colorado
 Documentation Location: GEI Consultants, Englewood, Colorado

APPENDIX V

PROJECT REPORTS AND COLLECTIONS LOCATIONS: NAVAL AIR WEAPONS STATION, CHINA LAKE, CALIFORNIA

Project Year: 1967

Report Date: 1974

Author: Hillebrand, Timothy S.

Title: The Baird Site. In Excavation of Two Sites in the Coso Mountains of Inyo County, California. *Maturango Museum, Monograph 1:63-86*

Collection Location: Maturango Museum

Documentation Location: Unknown

Project Years: 1967-69

Report Date: 1972

Author: Hillebrand, Timothy S.

Title: *The Archaeology of the Coso Locality of the Northern Mojave Region of California*

Collection Location: Maturango Museum

Documentation Location: Unknown

Project Year: 1975

Report Date: 1975

Author: Barling, Robert F.

Title: *Environmental Impact Assessment: Bold Eagle*

Collection Location: Naval Air Weapons Station, China Lake

Documentation Location: Unknown

Project Year: 1978

Report Date: 1978

Author: Simpson, Ruth D., and Robert E. Reynolds

Title: *Archaeological Survey Coso Geothermal Exploratory Hole No. 1 (CEGH -1)*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1978

Report Date: 1978

Author: von Werlhof, J., and S. von Werlhof

Title: *Archaeological Examinations of the Proposed NPTR Center at China Lake*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1979
Report Date: 1979
Author: WESTEC Services
Title: *Technical Appendix for the Environmental Assessment for Naval Weapons Center
Withdrawal of Mojave B Ranges*
Collection Location: Naval Air Weapons Station, China Lake
Documentation Location: Unknown

Project Year: 1980
Report Date: 1980
Author: Whitley, David S. (Ancient Enterprises)
Title: *Final Technical Report on the Impacts of Feral Burros on the Cultural Resources of the
Naval Weapons Center, China Lake, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1980
Report Date: 1980
Author: Ancient Enterprises, Inc.
Title: *An Archaeological and Cultural Resources Assessment of Six Square Miles Within the
Randsburg Wash Test Facility, for a Proposed Project Site*
Collection Location: Naval Air Weapons Station, China Lake
Documentation Location: Unknown

Project Year: 1980
Report Date: 1980
Author: Archaeological Research Unit, University of California, Riverside (C. A. Robarcheck)
Title: *Archaeological Monitoring of Geothermal Digging on the Naval Weapons Center at
Coso Hot Springs*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1980
Report Date: 1980
Author: University of California, Riverside, Archaeological Research Unit
Title: *Environmental Impact Evaluation: An Archaeological Assessment of Three Proposed
Drill Pad Sites Near Coso Hot Springs, China Lake Naval Weapons Center, Inyo
County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1980
Report Date: 1980
Author: Clewlow, C. W., Jr., Helen Wells, and David S. Whitley (Rockwell International)
Title: *Cultural Resources Technical Report on the Coso Geothermal Study Area*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1981
Report Date: 1981
Author: Elston, Robert G., Susan M. Seck, and Steven James (Intermountain Research)
Title: *An Intensive Archaeological Investigation of Two Proposed Drilling Locations in the Coso Known Geothermal Resource Area*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1981
Report Date: 1981
Author: Intermountain Research
Title: *The Archaeological Reconnaissance of Seven Proposed Shallow Temperature Gradient Hole Locations in the Coso KGRA*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: Unknown
Report Date: 1981
Author: Elston, R. G., S. Seck, and S. R. James.
Title: *An Intensive Archaeological Investigation of Two Proposed Drilling Locations in the Coso Known Geothermal Area, China Lake Naval Weapons Center*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1982
Report Date: 1982
Author: Coombs, Gary B., and Roberta S. Greenwood
Title: *A Cultural Resources Overview and Inventory Plan for the Naval Weapons Center, China Lake*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: Unknown

Report Date: 1982

Author: Whitley, D. S., and J. M. Simon

Title: *Archaeological Investigations of Four Proposed Drill Pad Sites, Coso KGRA, Inyo County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1983

Author: Drews, M. D., and R. G. Elston

Title: *An Archaeological Investigation of Drilling Locations and Power Plant Site in the Coso Geothermal Resource Area, China Lake Naval Weapons Center*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1983

Author: Elston, R. G.

Title: *The Archaeological Reconnaissance of Four Proposed Geothermal Development Activity Areas in the Coso KGRA, Inyo County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1983

Author: Elston, R. G.

Title: *Continued Archaeological Research Activities in the Area of the Devil's Kitchen and the Coso Known Geothermal Resources Area: A Proposed Technical Work Plan*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1983

Author: Whitley, David S.

Title: *Archaeological Survey of a Three Mile Section of a 115 KV Electrical Transmission Corridor Within the Coso KGRA, Rose Valley, Inyo County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown
 Report Date: 1984
 Author: Elston, Robert G., David S. Whitley, Michael S. Lichty, Michael P. Drews, and Charles D. Zeier
 Title: *Class II Archaeological Survey of Selected Portions of the Naval Weapons Center, China Lake, California*
 Collection Location: Naval Air Weapons Station, China Lake
 Documentation Location: Unknown

Project Year: Unknown
 Report Date: 1984
 Author: W and S, Consultants
 Title: *Archaeological Survey of Nine Temperature Gradient Drilling Locations and Proposed Access Roads, Coso KGRA, NWC, China Lake, Inyo County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: Unknown
 Report Date: 1984
 Author: Elston, Robert G., and Charles D. Zeier
 Title: *The Sugarloaf Obsidian Quarry*
 Collection Location: Naval Air Weapons Station, China Lake
 Documentation Location: Unknown

Project Year: Unknown
 Report Date: 1985
 Author: Clewlow, C. W., Jr.
 Title: *NRHP Evaluation of Two Select Cultural Resources*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: Unknown
 Report Date: 1986
 Author: Cleland, James H. (Dames and Moore)
 Title: *Preliminary Report on Non-Collective Archaeological Inspection of Twelve Proposed Well Pads and Three Proposed Access Roads in the Coso KGRA*
 Collection Location: N/A
 Documentation Location: Unknown

Project Year: Unknown

Report Date: 1986

Author: W and S Consultants

Title: *Archaeological Survey of the Proposed CLJV 28.5 Mile Transmission Line Corridor in the Coso KGRA, Inyo County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1986

Author: Clewlow, C. W., Jr.

Title: *Draft Technical Report on Non-Collection Archaeological Surface Survey at Seventeen Proposed LADWP Drill Pads and Five Proposed LADWP Access Roads in the Coso KGRA, Naval Weapons Center, China Lake, California*

Collection Location: N/A

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1986

Author: Clewlow, C. W., Jr.

Title: *Archaeological Test Evaluations in the KGRA and Adjacent Southern Lava Beds, China Lake Naval Weapons Center, Inyo County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1986

Author: Clewlow, C. W., Jr.

Title: *Draft Evaluation Plan and Recommendations for Cultural Resources Along the Proposed CLJV 28.5 Mile Transmission Corridor in the Coso KGRA, Inyo County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1986

Author: Clewlow, C. W., Jr.

Title: *Preliminary Report on Non-Collection Archaeological Surface Survey at the Grace Geothermal Corporation's Coso A-1 Drill Pad*

Collection Location: No artifacts recovered

Documentation Location: Unknown

Project Year: Unknown
Report Date: 1987
Author: Cleland, James H. (Dames and Moore)
Title: *Archaeological Evaluation Program for Twelve Well Pads and Four Access Roads in the Coso Known Geothermal Resource Area*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: Unknown
Report Date: 1987
Author: Cleland, James H. (Dames and Moore)
Title: *Archaeological Evaluation Program for Twelve Well Pads and Five Access Roads in Known Coso Geothermal Resource Area*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: Unknown
Report Date: 1987
Author: Botkin, Steven G., Theresa A. Clewlow, Margaret C. Brown, and C. W. Clewlow, Jr.
Title: *Draft Final Report on Archaeological Investigations Along the CLJV 28.5 mile Transmission Corridor, China Lake Naval Weapons Center, Inyo and Kern Counties, California*
Collection Location: Naval Air Weapons Station, China Lake
Documentation Location: Unknown

Project Year: Unknown
Report Date: 1987
Author: Gilreath, A. J. (Far Western Archaeological Research Group)
Title: *Survey and Evaluation of Cultural Resources on a Portion of Federal Lease CA-11402 Lands (Parcel 2) Within the Coso KGRA, Inyo County, CA*
Collection Location: Naval Air Weapons Station, China Lake
Documentation Location: Unknown

Project Year: Unknown
Report Date: 1987
Author: Naval Weapons Center, China Lake
Title: *Preliminary EIR for the Darwin Wash Test Facility at the Naval Weapons Center, China Lake*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: Unknown

Report Date: 1988

Author: Gilreath, A. J., and W. R. Hildebrandt (Far Western Archaeological Research Group)

Title: *Survey and Evaluation of Cultural Resources on a Portion of the Navy/CLJV Contract (Navy 1) Lands Within the Coso KGRAS, Inyo County, CA*

Collection Location: Naval Air Weapons Station, China Lake

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1988

Author: Gilreath, A. J.

Title: *Survey and Evaluation of Cultural Resources on a Portion of the Navy Contract Lands (Navy 2) Within the Coso KGRAS, Inyo County, CA*

Collection Location: Naval Air Weapons Station, China Lake

Documentation Location: Unknown

Project Year: Unknown

Report Date: 1988

Author: Hildebrandt, W. R., and A. J. Gilreath (Far Western Archaeological Research Group)

Title: *Survey and Evaluation of Cultural Resources on a Portion of the Navy/CLJV Contract (Residual Navy) Lands Within the Coso KGRAS, Inyo, CA*

Collection Location: Naval Air Weapons Station, China Lake

Documentation Location: Unknown

APPENDIX VI

PROJECT REPORTS AND COLLECTIONS LOCATIONS: VANDENBERG AIR FORCE BASE, CALIFORNIA

Project Year: 1969
Report Date: 1969
Author: Benson, Foley C.
Title: *Archaeological Survey of Sudden Flats and Associated Canyons, Vandenberg A.F.B.*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1969
Report Date: 1970
Author: Spanne, Laurence W.
Title: *Archaeological Investigations on Vandenberg Air Force Base, California*
Collection Location: University of California, Santa Barbara
Documentation Location: Unknown

Project Years: 1971-73
Report Date: 1974
Author: Spanne, Laurence W.
Title: *Archaeological Survey of Vandenberg Air Force Base, Santa Barbara County, California, 1971 to 1973*
Collection Location: University of California, Santa Barbara
Documentation Location: Unknown

Project Year: 1972
Report Date: 1973
Author: Spanne, Laurence W.
Title: *Excavations of the Barka Slough Site, SBa 1010, Vandenberg Air Force Base, California*
Collection Location: University of California, Santa Barbara
Documentation Location: Unknown

Project Year: 1974
Report Date: 1982
Author: Spanne, Laurence W.
Title: *Notes on a Surface Collection at Archaeological Site Sba-209: Vandenberg AFB, Santa Barbara County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1974
Report Date: 1976
Author: Glassow, Michael A., and Laurence W. Spanne
Title: *Evaluation of Archaeological Sites on Vandenberg Air Force Base, Santa Barbara County, California: Final Report*
Collection Location: University of California, Santa Barbara
Documentation Location: University of California, Santa Barbara

Project Year: 1975
Report Date: 1975
Author: Spanne, Laurence W.
Title: *Antenna Base Adjacent to Building 23251*
Collection Location: No artifacts recovered
Documentation Location: Vandenberg Air Force Base

Project Year: 1975
Report Date: 1975
Author: Spanne, Laurence W.
Title: *Purchase Order No. F04684 76 31076, dated 9 Dec. 1975, for Archaeological Survey and Report*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1976
Report Date: 1976
Author: Spanne, Laurence W.
Title: *Archaeological Impact Statement in Fulfillment of P.O. No. F 04648 76 31539*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1977
Report Date: 1977
Author: Glassow, Michael A.
Title: *An Intensive Archaeological Survey of Five Areas on Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: University of California, Santa Barbara
Documentation Location: University of California, Santa Barbara

Project Year: 1978-79
Report Date: 1981
Author: Glassow, Michael A.
Title: *Preliminary Report; Archaeological Data Recovery Program in Relation to Space Shuttle Development, Vandenberg Air Force Base, California, Volume 1*
Collection Location: University of California, Santa Barbara
Documentation Location: University of California, Santa Barbara

Project Year: 1979
 Report Date: 1979
 Author: Spanne, Laurence W. (VTN Consolidated)
 Title: *Archaeological Survey of the Titan 34-D Site, Vandenberg Air Force Base, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1979
 Report Date: 1979
 Author: Craig, Steven, William Doelle, and Linda Mayro
 Title: *Cultural Resource Impact Evaluation and Mitigation Planning for the MX Missile System, Vandenberg Air Force Base, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1980
 Report Date: 1980
 Author: Spanne, Laurence W. (VTN Consolidated)
 Title: *An Archaeological Evaluation of a Cable Trench at CA Sba-670 and CA Sba-1144, Honda Canyon, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1980
 Report Date: 1981
 Author: Spanne, Laurence W.
 Title: *Report on Field Inspection of Archaeological Site Sba 927 and Foot Survey of Area of Proposed NASA Cable Tray Reconstruction Project Purchase Order No. MR 02,350*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1980
 Report Date: 1981
 Author: Stone, David, and Lynn Gamble (UCSB)
 Title: *Cultural Resources Evaluation, U. S. Coast Guard Station, Point Arguello, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1980
 Report Date: 1980
 Author: Spanne, Laurence W. (VTN Consolidated)
 Title: *Transportation System 69 KV Transmission Line (V-86), Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1981
 Report Date: 1981
 Author: Serena, Jeffery B.
 Title: *Archaeological Salvage Excavations for V-33 (External Tank Processing and Storage Facility), Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1981
 Report Date: 1981
 Author: Glassow, Michael A., and Marcel Kornfeld
 Title: *Appendix I: Archaeological Test Excavations at Sites in the Vicinity of Oil Well Canyon, Vandenberg Air Force Base, California*
 Collection Location: University of California, Santa Barbara
 Documentation Location: University of California, Santa Barbara

Project Year: 1981
 Report Date: 1981
 Author: Spanne, Laurence W.
 Title: *Archaeological Survey of Sites Sba 993 and 994, Vandenberg Air Force Base Purchase Request No. F0468480M1195*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1981
 Report Date: 1981
 Author: Stone, David F., and Brian D. Haley (UCSB)
 Title: *Cultural Resources Evaluation of the Vandenberg Air Force Base Security Clear Zones, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1981
 Report Date: 1981
 Author: Haley, Brian D.
 Title: *Archaeological Salvage Excavations at Sba-534 and Sba-680 for STS 69 KV Transmission Line, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1981
 Report Date: 1981
 Author: Greenwood, Roberta, and John M. Foster (Greenwood and Associates)
 Title: *Range Improvement Project, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1981-82
 Report Date: 1984
 Author: Chambers Consultants and Planners
 Title: *Archaeological Investigations on the San Antonio Terrace, Vandenberg Air Force Base, California, in Connection with MX Facilities Construction*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1982
 Report Date: 1982
 Author: Neff, Hector (UCSB)
 Title: *Vandenberg Air Force Base, California 1982 Fuels Management Program Cultural Resources Survey/Evaluation*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1982
 Report Date: 1983
 Author: Spanne, Laurence W.
 Title: *Archaeological Survey of a Portion of the Proposed Route of a Water Line to Serve Jalama Beach Park*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1982
 Report Date: 1983
 Author: Spanne, Laurence W.
 Title: *Description of Winn Site Discovered During VTN Construction Monitoring for V-17/GSSI (Airstrip)*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1982
 Report Date: 1984
 Author: Rudolph, Teresa P.
 Title: *Lithic Procurement and Manufacturing Sequences at Sba-1542, Vandenberg Air Force Base, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1983
 Author: Spanne, Laurence W.
 Title: *Report on Archaeological Survey of Slip Out Repair Area on Lompoc-Casmalia Road Approximately 0.3 Miles North of the Bishop Road Intersection*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1983
 Author: Spanne, Laurence W.
 Title: *Results of Archaeological Survey of NOMEKO Test Well No. 2 Site and Associated Access Road on Vandenberg Air Force Base/Graciosa Lease*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1983
 Author: Edwards Air Force Base, Air Force Flight Test Center
 Title: *An Archeological Survey of Proposed Road and Minuteman Launch Facility Modifications for the Peacekeeper in Minuteman Silos Testing Program, Vandenberg AFB, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1983
 Author: Gibson, R. O., and B. J. Schuyler
 Title: *Results of Archaeological Monitoring at Sba-1149-P in Connection with the GSSI Project at Vandenberg Air Force Base, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1983
 Author: Gibson, Robert O.
 Title: *Results of Archaeological Monitoring of Utility Trenches Associated With the N2 Plant, South Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1984
 Author: Spanne, Larry
 Title: *Subsurface Testing at Archaeological Site CA-Sba-1686; GSSI Station Set Location V-33; Vandenberg AFB, Santa Barbara County, California*
 Collection Location: University of California, Santa Barbara
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1984
 Author: WESTEC Services
 Title: *Vandenberg Air Force Base, California 1983 Fuels Management Project, Phase II Cultural Resource Survey—Evaluation*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1983
 Report Date: 1984
 Author: Spanne, Larry
 Title: *Final Report on Archaeological Survey of the Proposed V23 Patrol Road Space Shuttle Launch Site for GSSI at Vandenberg Air Force Base, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1984
 Report Date: 1984
 Author: Osland, Karen
 Title: *A Records Search and Field Check of Archaeological Sites on Conoco Oil Lease*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1984
Report Date: 1984
Author: Brown, Roderick S.
Title: *Letter Report to Stan Johnson, U.S. Prison Farm, Lompoc: Archaeological Survey for Fence Line Project on Vandenberg Air Force Base*
Collection Location: No artifacts recovered
Documentation Location: Vandenberg Air Force Base

Project Year: 1984
Report Date: 1984
Author: Gibson, Robert O.
Title: *Results of Archaeological Surface Survey on Three Parcels of Land Totaling 234 Acres on Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1984
Report Date: 1984
Author: Gibson, R. O.
Title: *Results of Archaeological Surface Survey of 900 Acres and Archaeological Evaluation of Six Proposed Test Oil Well Sites and Surrounding Area Located South of Highway S20, Northeastern Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1984
Report Date: 1984
Author: Greenwood, Roberta S., and John M. Foster (Greenwood and Associates)
Title: *Archeological Survey: Vandenberg Air Force Base Space Shuttle Range Support Project, Santa Barbara County*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1984
Report Date: 1984
Author: Gibson, R. O.
Title: *Results of Archaeological Surface Survey for the PAPI Runway Landing Lights, Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1984

Report Date: 1984

Author: Gibson, Robert O.

Title: *Preliminary Results of Archaeological Surface and Subsurface Examination and Monitoring at Sba-610, the Sudden Ranch Headquarters, Southern Vandenberg Air Force Base, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1984

Report Date: 1984

Author: Erlandson, Jon

Title: *A Summary of Phase I Cultural Resource Investigations Conducted in Support of the Proposed Union Oil Santa Maria Basin Pipeline, Santa Barbara County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1984

Report Date: 1984

Author: Gibson, Robert O. (Ralph M. Parsons Company)

Title: *Results of Archaeological Subsurface Testing at Sba-775 for the V-17 Visual Landing Aids North 6500 Foot Papi Lights, Vandenberg Air Force Base, California*

Collection Location: No artifacts recovered

Documentation Location: Unknown

Project Year: 1984

Report Date: 1984

Author: Greenwood, Roberta S., and John M. Foster (Greenwood and Associates)

Title: *Replacement Cable Project and Fibre Optic Cable Project, Vandenberg Air Force Base, Santa Barbara County*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1984

Report Date: 1984

Author: Wilcoxon, Larry R. (Dames and Moore)

Title: *A Cultural Resource Evaluation for Four Proposed Well Pad Sites Within the Hrubetz Mineral Lease, Vandenberg Air Force Base, Santa Barbara County, California*

Collection Location: No artifacts recovered

Documentation Location: Unknown

Project Year: 1984
 Report Date: 1984
 Author: Lauter, Gloria
 Title: *Proposed San Antonio Creek Flood Control Project, VAFB. Initial Notes on a Preliminary Archaeological Assessment*
 Collection Location: Unknown
 Documentation Location: Vandenberg Air Force Base

Project Year: 1984
 Report Date: 1984
 Author: Chambers Consultants and Planners
 Title: *Report of an Emergency Archaeological Data Recovery Program at CA-Sba-1174, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1984
 Report Date: 1984
 Author: Greenwood, Roberta
 Title: *Letter Report on an Archaeological Survey of a Union Oil Pipeline Corridor*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1984
 Report Date: 1985
 Author: Schilz, Allan J.
 Title: *Archaeological Survey, Testing, and Evaluation: STS Power Plant No. 6 Natural Gas Pipeline, Vandenberg Air Force, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1984
 Report Date: 1985
 Author: Earth Technology Corporation
 Title: *Archeological Test Excavation and Monitoring at Sba-939, Sba-512, and Sba-1853, Vandenberg Air Force Base, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1984
Report Date: 1985
Author: Foster, John M., and Roberta S. Greenwood (Greenwood and Associates)
Title: *Archaeological Investigation: Northwest Lompoc/Jesus Maria Project, Union Oil Company of California, Vandenberg Air Force Base*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1985
Report Date: 1985
Author: Foster, John M. (Greenwood and Associates)
Title: *Cultural Resources Investigation: 1700 Acres on Vandenberg Air Force Base, Santa Barbara County, for Proposed Conoco Development*
Collection Location: University of California, Santa Barbara
Documentation Location: University of California, Santa Barbara

Project Year: 1985
Report Date: 1985
Author: Gibson, R. O. (Harmsworth Associates)
Title: *Results of Archaeological Surface Survey for the V-33 Security Fence and Parking Lot Extension, Southern Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1985
Report Date: 1985
Author: Gibson, R. O., and Karen Osland (Harmsworth Associates)
Title: *Results of Archaeological Surface Survey for a Proposed Communication Line Near Point Pedernales, Southern Vandenberg Air Force Base, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1985
Report Date: 1985
Author: Gibson, R. O. (Harmsworth Associates)
Title: *Results of Archaeological Surface Survey for the Communications Line Between Buildings 1610 and 1862 and 1605, Northern Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1985

Report Date: 1985

Author: Gibson, R. O. (Harmsworth Associates)

Title: *Installation of the Communication Cable Between Building 865 and Building 660 and Extension of the Fence at Building 660 Facility Area, Vandenberg Air Force Base, California*

Collection Location: No artifacts recovered

Documentation Location: Unknown

Project Year: 1985

Report Date: 1985

Author: Stone, David (Santa Barbara County)

Title: *Archaeological Survey Report for a Proposed Creek bank and Bridge Stabilization Project on San Antonio Creek and Santa Barbara County S-20 Road Bridge Crossing Stabilization (P.M. 2.25)*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1985

Report Date: 1985

Author: Unknown

Title: *Summary of Archaeological Monitoring for the Northern and Southern Mitigating Routes for the Union Oil Pipeline, Vandenberg Air Force Base*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1985

Report Date: 1985

Author: Gibson, Robert O.

Title: *Results of Archaeological Testing at SBA-212 and SBA-1145, Vandenberg Air Force Base, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1985

Report Date: 1985

Author: Glassow, M., S. Hollimon, and S. Berry

Title: *Fieldnotes, Anthropology 181/213 Site Survey, Vandenberg Air Force Base, May 25 and June 1, 1985*

Collection Location: Unknown

Documentation Location: Vandenberg Air Force Base

Project Year: 1985
Report Date: 1985
Author: Greenwood, Roberta S., and John M. Foster (Greenwood and Associates)
Title: *Archeological Monitoring During Installation of Communications Cable, Vandenberg Air Force Base, California*

Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1985
Report Date: 1985
Author: Jackson, E. A., Jr. (Harmsworth Associates)
Title: *Letter Report on Archaeological Investigations at the Temporary Storage Facilities*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1985
Report Date: 1985
Author: Woodman, Craig F., Tony Morgan, and Wendylyn Ellersieck (URS)
Title: *Archaeological and Geomorphological Investigations of SBA-1010 and Nearby Areas, Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1985
Report Date: 1985
Author: Gibson, R. O., and E. A. Jackson, Jr. (Harmsworth Associates)
Title: *Results and Recommendations of an Archaeological Survey of a Proposed Parking Lot Along the North Access Road*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1985
Report Date: 1985
Author: Gibson, Robert O. (Harmsworth Associates)
Title: *Results of Archaeological Monitoring and Limited Subsurface Testing for the V-23 Space Shuttle Launch Site Patrol Roads C and D, Vandenberg Air Force Base, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1985
 Report Date: 1985
 Author: Foster, John M. (Greenwood and Associates)
 Title: *Archeological Investigation: Vandenberg AFB Communication Line #1976, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1985
 Report Date: 1985
 Author: Bamforth, Douglas B.
 Title: *Cultural Resources Along the Point Sal Grazing Area Fence Line, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1985
 Report Date: 1985
 Author: URS-Berger
 Title: *Peacekeeper Program: Cultural Resources Testing and Monitoring, Roads and Utilities - Phase 1, Vandenberg AFB, California*
 Collection Location: University of California, Santa Barbara
 Documentation Location: University of California, Santa Barbara

Project Year: 1985-1986
 Report Date: 1988
 Author: URS
 Title: *Prehistoric Resource Use and Settlement in the Santa Ynez River Basin*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1985
 Report Date: 1986
 Author: URS
 Title: *Archaeological Monitoring Near the Project Irene Pipeline Landfall, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1985
Report Date: 1986
Author: Stone, David
Title: *Addendum Archaeological Survey Report for a Proposed Road and Bridge Stabilization Project on San Antonio Creek and Santa Barbara County S-20 Road Bridge Crossing (P.M. 2.25)*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1985
Report Date: 1986
Author: Bowser, Brenda, and Tony Morgan (URS)
Title: *Archaeological and Geomorphological Investigations, Sba-1010, Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Bowser, Brenda, et al. (URS)
Title: *Phase II Archaeological Investigations and Mitigation Planning, Union Oil Company of California Santa Maria Basin Pipeline (Platform Irene Project), Northern Santa Barbara County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Foster, John M.
Title: *Test Excavations and Evaluation of CA-Sba-793 and CA-Sba-794, Santa Barbara County, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Gibson, Robert O. (Harmsworth Associates)
Title: *Results of Archaeological Monitoring and Limited Subsurface Testing for the V-23 Space Shuttle Launch Site North Access Road and N Road Projects, Vandenberg Air Force Base, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Gibson, Robert O. (Harmsworth Associates)
Title: *Archaeological Surface Survey for the Air Quality Monitoring Station, Southern Vandenberg Air Force Base, California*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Gibson, Robert O. (Harmsworth Associates)
Title: *Archaeological Surface Survey for a Portion of the MPS36 Electrical Power Line Project, Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Gibson, Robert O. (Harmsworth Associates)
Title: *Results of Archaeological Surface Survey in the Vicinity of Building 980, Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Gibson, Robert O.
Title: *Results of Archaeological Surface Survey for a Fence Improvement Project Near Highway 246, Vandenberg Air Force Base, California*
Collection Location: Artifacts left in situ
Documentation Location: Unknown

Project Year: 1986
Report Date: 1986
Author: Gibson, Robert O.
Title: *Results of Archaeological Surface Survey for Proposed Replacement Fence Project on the Sudden Ranch Lease, Southern Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1986
 Report Date: 1986
 Author: Weaver, Richard (U.S. Army Corps of Engineers, Sacramento District)
 Title: *Cultural Resources Survey; Proposed Airport Control Tower (P.N. 84014), Vandenberg Air Force Base, California*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1987
 Report Date: 1987
 Author: Gibson, Robert O.
 Title: *Results of Archaeological Surface Survey and Limited Subsurface Testing for the Launch Support System Cable, Northern Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1987
 Report Date: 1987
 Author: Gibson, Robert O.
 Title: *Results of Archaeological Surface Survey for a Fence Improvement Project and Two Pasture Management Projects, Vandenberg Air Force Base, California*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1987
 Report Date: 1987
 Author: Gibson, Robert O.
 Title: *Results of Archaeological Surface Survey for Two Fence Improvement Projects on Vandenberg Air Force Base, California*
 Collection Location: Artifacts left in situ
 Documentation Location: Unknown

Project Year: 1987
 Report Date: 1988
 Author: Berry, Sarah H.
 Title: *Santa Ynez Raw Waterline Surface Survey*
 Collection Location: Unknown
 Documentation Location: Vandenberg Air Force Base

Project Year: 1987

Report Date: 1987

Author: Weaver, Richard A. (U.S. Army Corps of Engineers, Sacramento District)

Title: *An Intensive Cultural Resources Survey in Advance of Scheduled Geotechnical Explorations for the Proposed Space Launch Complex 7 (SLC 7) Project (P.N. 80057), Vandenberg Air Force Base, Santa Barbara County, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1987

Report Date: 1987

Author: Tetra Tech

Title: *Cultural Resources Survey of Proposed Small Intercontinental Ballistic Missile and Peacekeeper Rail Garrison Test Areas, San Antonio Terrace, Vandenberg Air Force Base, California*

Collection Location: University of California, Santa Barbara

Documentation Location: University of California, Santa Barbara

Project Year: 1987

Report Date: 1987

Author: Greenwood and Associates

Title: *Archaeological Survey Report for Construction of Titan IV Space Launch Vehicle Program Facilities at Vandenberg Air Force Base, California*

Collection Location: No artifacts recovered

Documentation Location: Unknown

Project Year: 1987

Report Date: 1988

Author: Gibson, R. O. and B. J. Schuyler (Harmsworth Associates)

Title: *Interim Report: Results of Archaeological Subsurface Testing for X-ray Facility Improvements SLC-4 Repair and Restoration Project, Vandenberg Air Force Base, Santa Barbara County, California*

Collection Location: No artifacts recovered

Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Years: 1987-89

Report Date: 1990

Author: Tetra Tech

Title: *Cultural Resources Investigations in the San Antonio Terrace Archaeological District, Vandenberg Air Force Base, California*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1988
Report Date: 1988
Author: Marmor, Jason (U.S. Forest Service)
Title: *Results of Archaeological Monitoring of Geotechnical Exploration at the Proposed Space Launch Complex 7 (SLC7) Project Area, VAFB*
Collection Location: Unknown
Documentation Location: Unknown

Project Year: 1988
Report Date: 1988
Author: Bergin, Kathleen Ann (Harmsworth Associates)
Title: *Documentation in Support of U.S. Air Force No Adverse Effect Determination Space Launch Complex 4 Repair and Restoration Project, Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Vandenberg Air Force Base

Project Year: 1988
Report Date: 1988
Author: Environmental Solutions, Inc.
Title: *Archaeological Resources Inventory and No Effects Determination for Proposed Geotechnical Testing, Proposed Space Launch Complex 7, Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: No artifacts recovered
Documentation Location: Unknown

Project Year: 1988
Report Date: 1988
Author: Berry, Sarah H.
Title: *Sudden Ranch Boundary Fence Survey*
Collection Location: No artifacts recovered
Documentation Location: Vandenberg Air Force Base

Project Year: 1988
Report Date: 1988
Author: Moore, Jerry D., et al. (Harmsworth Associates)
Title: *The Testing and Evaluation of Fourteen Archaeological Sites on South Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: Martin Marietta, Vandenberg Air Force Base
Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Year: 1988
 Report Date: 1988
 Author: Rudolph, James L. (URS)
 Title: *Phase 1 Archaeological Survey for a Proposed Fence Line in Honda Canyon, Vandenberg Air Force Base (VAFB)*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1988
 Report Date: 1988
 Author: Rudolph, James L. (URS)
 Title: *Phase 1 Archaeological Survey for Proposed Fence Lines in Santa Lucia Canyon and San Antonio Valley, Vandenberg Air Force Base*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1988
 Report Date: 1988
 Author: Ferraro, David D., Kathleen Ann Bergin, Jerry D. Moore, Sandra Day-Moriarty, and Jeffrey Parsons (Harmsworth Associates)
 Title: *Survey, Testing, and Evaluation of Fourteen Sites for the STS Power Plant Natural Gas Pipeline Project, Santa Barbara County, California*
 Collection Location: Martin Marietta, Vandenberg Air Force Base
 Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Year: 1988
 Report Date: 1988
 Author: Dames & Moore
 Title: *Archaeological Testing Program, Sba-793 and Sba-917, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: University of California, Santa Barbara
 Documentation Location: University of California, Santa Barbara

Project Year: 1988
 Report Date: 1988
 Author: Berry, Sarah Hebbard
 Title: *Archaeological Monitoring of Fence Installment at Nocto*
 Collection Location: Unknown
 Documentation Location: Vandenberg Air Force Base

Project Year: 1988
 Report Date: 1988
 Author: Carbone, Larry
 Title: *Archaeological Investigations at Sba-594: Survey, Testing and Mitigation*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1988
 Report Date: 1989
 Author: Lassen, Tim C (Environmental Solutions)
 Title: *Archaeological Monitoring, Fallback 17 Project, Vandenberg Air Force Base, California*
 Collection Location: Martin Marietta, Vandenberg Air Force Base
 Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Year: 1988
 Report Date: 1989
 Author: Lassen, Tim C. (Environmental Solutions)
 Title: *Archaeological Monitoring MOC, RIS, and X-ray Facilities, Vandenberg Air Force Base, California*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1988
 Report Date: 1990
 Author: Environmental Solutions
 Title: *Space Transportation System Natural Gas Pipeline and SLC-4 Security Fence Treatment Programs, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Martin Marietta, Vandenberg Air Force Base
 Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Year: 1988-89
 Report Date: 1991
 Author: Tetra Tech
 Title: *Cultural Resources Investigations for the Peacekeeper Program, San Antonio Terrace, Vandenberg Air Force Base, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1989
 Report Date: 1990
 Author: Bergin, Kathleen (Environmental Solutions)
 Title: *Archaeological and Native American Monitoring, Space Launch Complex 4 Fiber-optic Cable Project, Vandenberg Air Force Base, Santa Barbara County, California*

Collection Location: No artifacts recovered

Documentation Location: Unknown

Project Year: 1989
 Report Date: 1989
 Author: Berry, Sarah H.
 Title: *Archaeological Monitoring Near Building 398*

Collection Location: Unknown

Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Peter, Kevin J. (URS)
 Title: *Archaeological Monitoring WC002, Launch Complex Shop Facility*

Collection Location: No artifacts recovered

Documentation Location: Unknown

Project Year: 1989
 Report Date: 1989
 Author: Berry, Sarah H.
 Title: *Surface Survey for Security Upgrades at Purisima Point and Tranquillion Peak*

Collection Location: No artifacts recovered

Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Berry, Sarah H.
 Title: *Honda Canyon Fence Replacement Surface Survey*

Collection Location: No artifacts recovered

Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Berry, Sarah H.
 Title: *Digging Without AF Form 103*

Collection Location: Unknown

Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Berry, Sarah H.
 Title: *Soil Borings at the Vandenberg Tracking Station (VTS)*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Bergin, Kathleen (Environmental Solutions)
 Title: *Archaeological Monitoring, Natural Gas Pipeline Spur, Space Launch Complex 4, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1989
 Report Date: 1989
 Author: Environmental Solutions
 Title: *Phase One Archaeological Surface Inventory Report: Space Launch Complex 4 Fiber-Optic Cable Project, South Vandenberg Air Force Base, California*
 Collection Location: Martin Marietta, Vandenberg Air Force Base
 Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Woodman, Craig F., and David McDowell
 Title: *The Archaeological Survey of Three Federal Prison Camp Projects on Vandenberg AFB, Lompoc, California*
 Collection Location: Unknown
 Documentation Location: Unknown

Project Year: 1989
 Report Date: 1989
 Author: Berry, Sarah H.
 Title: *Pipe Gate Installation Surface Survey*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Berry, Sarah H.
 Title: *Power Control Line Surface Survey; Resynchronization of Substation "K"*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Osland, Karen
 Title: *Archaeological Testing of the San Antonio Pasture 2 (Gate Location)*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1989
 Author: Osland, Karen
 Title: *Archaeological Test at Titan Pasture A (Gate Location)*
 Collection Location: Unknown
 Documentation Location: Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1990
 Author: Schmidt, James A. (Environmental Solutions)
 Title: *Results of Incidental Site Testing, Fallback 17 Area, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: Martin Marietta, Vandenberg Air Force Base
 Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Year: 1989
 Report Date: 1990
 Author: Jaffke, Todd D.
 Title: *Archaeological Survey Report for a Proposed Landfill Expansion on Vandenberg Air Force Base*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 198?-198?
 Report Date: 1990
 Author: Glassow, Michael A.
 Title: *Investigations on Vandenberg Air Force Base in Connection with the Development of Space Transportation System Facilities: Draft Report*
 Collection Location: University of California, Santa Barbara
 Documentation Location: University of California, Santa Barbara

Project Year: 1989
 Report Date: 1990
 Author: Bergin, Kathleen A. (Environmental Solutions)
 Title: *Archaeological Monitoring, Honda Canyon Crossing, Vandenberg Air Force Base, California*
 Collection Location: No artifacts recovered
 Documentation Location: Unknown

Project Year: 1990
Report Date: 1990
Author: Environmental Solutions
Title: *Technical Report, Volume I: Test Excavations at Nine Prehistoric Archaeological Sites, Vandenberg Air Force Base, Santa Barbara County, California, For the Backbone Fiber-Optic Transmission System Project, Vandenberg Air Force Base, Santa Barbara County, California*
Collection Location: Martin Marietta, Vandenberg Air Force Base
Documentation Location: Martin Marietta, Vandenberg Air Force Base

Project Year: 1990
Report Date: 1990
Author: Berry, Sarah H.
Title: *Monitoring Exterior Electric Drilling at Marshallia Ranch*
Collection Location: Unknown
Documentation Location: Vandenberg Air Force Base

Project Year: 1990
Report Date: 1990
Author: Environmental Solutions
Title: *The Survey and Inventory of Historic Properties Within the Titan IV/Centaur Launch Complex Study Area, Vandenberg Air Force Base, Santa Barbara County, California, Volume 1*
Collection Location: No artifacts recovered
Documentation Location: Vandenberg Air Force Base

Project Year: 1990
Report Date: 1990
Author: Jaffke, Todd D.
Title: *Archaeological Survey Report: Waterline Replacement on South Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Vandenberg Air Force Base

Project Year: 1990
Report Date: 1990
Author: Osland, Karen
Title: *Inventory Report for the Weather Information Networks System (WINDS), Vandenberg Air Force Base, California*
Collection Location: No artifacts recovered
Documentation Location: Vandenberg Air Force Base

Project Year: 1990
 Report Date: 1990
 Author: Gard, H. A., N. A. Cadoret, and J. C. Chatters (Battelle-Environmental Management Operations)
 Title: *Cultural Resources Monitoring Report: Phase I & II, Backbone Fiber Optics Transmission System Construction, Vandenberg Air Force Base, California*
 Collection Location: Vandenberg Air Force Base
 Documentation Location: Vandenberg Air Force Base

Project Year: 1990
 Report Date: 1991
 Author: Berry, Sarah H.
 Title: *Supplementary Report to Waste Water Treatment Plant Archaeological Testing for Effects at SBA-793, Vandenberg Air Force Base, Santa Barbara County, California*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1990
 Report Date: 1991
 Author: Science Applications International Corporation (Battelle-Environmental Management Operations)
 Title: *Archaeological Data Recovery Investigations at CA-Sba-993, Vandenberg Air Force Base, California*
 Collection Location: Vandenberg Air Force Base
 Documentation Location: Vandenberg Air Force Base

Project Year: 1991
 Report Date: 1991
 Author: Kirkish, Alex
 Title: *Golf Course Irrigation Plan*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1991
 Report Date: 1991
 Author: Osland, Karen
 Title: *San Antonio Terrace Area Brush Fire*
 Collection Location: No artifacts recovered
 Documentation Location: Vandenberg Air Force Base

Project Year: 1991

Report Date: 1991

Author: Osland, Karen

Title: *Archaeological Survey of a Proposed Water Line Route, State Water Project to VAFB*

Collection Location: No artifacts recovered

Documentation Location: Vandenberg Air Force Base

Project Year: 1991

Report Date: 1991

Author: Heaton, Kimberley

Title: *Archaeological Survey for Range Fence Replacement on Dettamanti Outlease, South
Vandenberg Air Force Base*

Collection Location: No artifacts recovered

Documentation Location: Vandenberg Air Force Base

APPENDIX VII

PROJECT REPORTS AND COLLECTIONS LOCATIONS: FORT GORDON, GEORGIA

Project Year: 1942

Report Date: 1985

Author: MacCord, Howard A., Sr.

Title: *The Wilkerson Lake Site, Richmond County, Georgia. Letter report submitted to David Hally, Department of Anthropology, University of Georgia, Athens, Georgia*

Collection Location: Unknown (Deposited originally with the Augusta Museum)

Documentation Location: Unknown (Deposited originally with the Augusta Museum)

Project Year: 1971

Report Date: 1976

Author: Lewis, George

Title: *South Prong Creek Borrow Pit, Fort Gordon, Richmond County, Georgia, Memorandum for the Record Dated October 31, 1976*

Collection Location: Unknown

Documentation Location: Unknown

Project Year: 1973

Report Date: 1973

Author: Lewis, George S. (Augusta Archaeology Society)

Title: *Archaeology of the Fort Gordon Golf Course*

Collection Location: Unknown (Deposited originally with the Fort Gordon Museum)

Documentation Location: Unknown (Deposited originally with the Fort Gordon Museum)

Project Year: 1980

Report Date: 1981

Author: Campbell, Janice, Carol S. Weed, and Prentice M. Thomas, Jr

Title: *Archaeological Investigations at the Fort Gordon Military Reservation, Georgia*

Collection Location: Fort Gordon Museum

Documentation Location: Unknown

Project Year: 1989

Report Date: 1991

Author: Braley, Chad O., and T. Jeffrey Price

Title: *Cultural Resources Survey of Selected (FY-90) Timber Harvesting Areas, Fort Gordon, Richmond and Columbia Counties, Georgia. Volume I: Report; Vol. II: Site Forms*

Collection Location: Southeastern Archeological Services, Athens

Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1989-90

Report Date: 1990

Author: Braley, Chad O.

Title: *Cultural Resources Survey of Selected (FY-90) Timber Harvesting Areas, Fort Gordon, Richmond and Columbia Counties, Georgia: Management Summary*

Collection Location: Southeastern Archeological Services, Athens

Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1990

Report Date: 1990

Author: Fuerst, David N.

Title: *Fort Gordon National Science Center Road Easement Survey, Richmond, County, Georgia: Addendum to Cultural Resources Survey of Selected (FY-90) Timber Harvesting Areas, Fort Gordon, Richmond and Columbia Counties, Georgia*

Collection Location: Southeastern Archeological Services, Athens

Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1990

Report Date: 1990

Author: Braley, Chad O.

Title: *Cultural Resources Survey of Selected (FY-91) Timber Harvesting Areas, Fort Gordon, Richmond and McDuffie Counties, Georgia: Management Summary*

Collection Location: Southeastern Archeological Services, Athens

Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1990

Report Date: 1990

Author: Paglione, Theresa

Title: *Archaeological Assessment of Project FR-004-3(35), Richmond County*

Collection Location: No artifacts recovered

Documentation Location: Original documentation is located at the Georgia Department of Transportation, Office of Environment, Atlanta

Project Year: 1991

Report Date: 1991

Author: Braley, Chad

Title: *Archeological Survey and Testing, Wilkerson Dam and Lake, Fort Gordon, Georgia: Management Summary*

Collection Location: Southeastern Archeological Services, Athens

Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1991
Report Date: 1991
Author: Braley, Chad
Title: *Cultural Resources Survey of Selected FY-91 Agricultural Lease Areas, Fort Gordon, Richmond County, Georgia: Management Summary*
Collection Location: Southeastern Archeological Services, Athens
Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1991
Report Date: 1991
Author: Froeschauer, Peggy S., and Chad O. Braley
Title: *Archeological Data Recovery at the Boardman Dam and Pond Site, Fort Gordon, Georgia: Management Summary*
Collection Location: Southeastern Archeological Services, Athens
Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1991
Report Date: 1991
Author: Crampton, David B., and Judy L. Wood
Title: *Cultural Resources Survey, Soil Erosion, Butler Lake and Boardman Dams Improvement Project (Including Haul Roads), Fort Gordon, Richmond County, Georgia (Draft Report)*
Collection Location: U.S. Army Corps of Engineers, Savannah District, Planning Division, Environmental Resources Branch
Documentation Location: U.S. Army Corps of Engineers, Savannah District, Planning Division, Environmental Resources Branch

Project Year: 1991
Report Date: 1991
Author: Wood, Judy L.
Title: *Cultural Resources Survey, Proposed SATCOM2 Project, Fort Gordon, Richmond County, Georgia*
Collection Location: No artifacts recovered
Documentation Location: U.S. Army Corps of Engineers, Savannah District, Planning Division, Environmental Resources Branch

Project Year: 1991
Report Date: 1991
Author: Crampton, David B.
Title: *Cultural Resources Survey, Leach Field area near Golf Course: Negative Results*
Collection Location: No artifacts recovered
Documentation Location: U.S. Army Corps of Engineers, Savannah District, Planning Division, Environmental Resources Branch

Project Year: 1991
Report Date: 1991
Author: Braley, Chad
Title: *Archeological Survey and Testing, Wilkerson Dam and Lake, Fort Gordon, Georgia*
(Draft Report)
Collection Location: Southeastern Archeological Services, Athens
Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1991
Report Date: 1991
Author: Crampton, David B.
Title: *Survey of Two Small Outdoor Training Sites, Fort Gordon, Georgia*
Collection Location: No artifacts recovered
Documentation Location: U.S. Army Corps of Engineers, Savannah District, Planning
Division, Environmental Resources Branch

Project Year: 1991
Report Date: 1991
Author: King, Adam, and Chad O. Braley
Title: *Cultural Resources Survey of Selected (FY-92) Timber Harvesting Areas, Fort Gordon, Richmond and McDuffie Counties, Georgia: Management Summary*
Collection Location: Southeastern Archeological Services, Athens
Documentation Location: Southeastern Archeological Services, Athens

Project Year: 1991
Report Date: 1992
Author: Kodack, Marc
Title: *Cultural Resource Surveys of a Proposed Sewer Extension, Silt Impoundment Dam, and Surplus Property Projects, Fort Gordon, Richmond County, Georgia*
Collection Location: U.S. Army Corps of Engineers, Savannah District, Planning
Division, Environmental Resources Branch
Documentation Location: U.S. Army Corps of Engineers, Savannah District, Planning
Division, Environmental Resources Branch

Project Year: 1991
Report Date: 1991
Author: Poplin, Eric C.
Title: *Archeological Survey and Testing, Boardman Dam Haul Road and Batch Plant Area, Fort Gordon, Richmond County, Georgia* (Draft Report)
Collection Location: Brockington and Associates, Mount Pleasant, South Carolina
Documentation Location: Brockington and Associates, Mount Pleasant, South Carolina

Project Year: 1991

Report Date: 1991

Author: Paglione, Theresa

Title: *An Archaeological Survey of Portions of Fort Gordon Military Reservation, Tract 1, Traversed by Georgia Department of Transportation Project Fr-207-1(2), Columbia and Richmond Counties, Georgia*

Collection Location: No artifacts recovered

Documentation Location: Original documentation is located at the Georgia Department of Transportation, Office of Environment, Atlanta

