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ROOSEVELT ROADS CAMP GARCIA
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LETTER FROM U S NAVY REQUESTING CONCURRENCE FOR NO PHASE I SURVEY
REQUIRED AT VARIOUS SITES AND FOR A PROPOSED PHASE I SURVEY AT ONE SITE
VIEQUES ISLAND PUERTO RICO
8/7/2008
NAVFAC ATLANTIC



DEPARTMENT OF THE NAVY
NAVAL FACILITIES ENGINEERING COMMAND
ATLANTIC
6506 HAMPTON BLVD
NORFOLK VA 23508-1278

TELEPHONE NO:

(757) 322-4736
IN REPLY REFER TO:

5090
EV31KRC:lfm
August 7, 2008

Ms. Aida Belen Riveria Ruiz, SHPO
State Historic Preservation Office
P.O. Box 9066581
San Juan, PR 00906-6581

Attn: Miguel A. Bonini, Archaeologist

Re: LETTER REQUESTING CONCURRENCE FOR NO PHASE I SURVEY
REQUIRED AT VARIOUS SITES AND FOR A PROPOSED PHASE I
SURVEY AT ONE SITE, U.S. NAVY ENVIRONMENTAL RESTORATION
PROGRAM, VIEQUES, PUERTO RICO

Dear Ms. Ruiz,

I am writing you concerning a proposed Phase 1 Survey of specific parcels associated with the areas to be investigated by the Navy under its Environmental Restoration Program (ERP) generally in and around Camp Garcia (Vieques, Puerto Rico). The Navy is responsible for environmental investigations at these locations under CERCLA requirements. As part of that process, the Navy will need to receive concurrence from your office for cultural resource work completed in conjunction with soil and groundwater sampling anticipated to take place early in calendar year 2009. I have enclosed a map showing the sites to be investigated to assist you in your review (Figure 1). Figure 2 provides an overview of the areas around Camp Garcia to be investigated and the locations where archaeological surveys have been previously conducted. Figures 3 through 18 provide greater detail on each of the sites to be investigated, including the areas proposed for vegetation clearance.

As you can see from Figure 2, several of the sites to be investigated should not require additional archaeological work because most or all of the area has already been surveyed. The sites where past archaeological surveys have been completed are: SWMU 6 and 7, PAOC N, PAOC O, PAOC P, PAOC S, and PAOC X (inside Camp Garcia); SWMU 1, SWMU 2, PAOC M, PI 4, and PI 7(outside Camp Garcia).

There are several sites where no past archaeological surveys were conducted. The sites are: PAOC I, PAOC L, and PAOC Q (inside Camp Garcia); SWMU 10, AOC G, PI 5, PI 6, PI 8, PI 10, and AOC A (outside Camp Garcia). However, due to their locations (i.e., those within Camp Garcia) and/or their disturbed nature and past activities (i.e., SWMU 10 and AOC G were the sanitary sewage lagoons and associated pump house, PI 6 was a fresh water impoundment and water treatment plant, PI 8 was a vehicle and equipment

maintenance area, PI 10 was a six-lagoon impoundment, and AOC A was a former UST site at OP-1), only one of the above sites (PI 5) warrants an archaeological evaluation. As shown in Figure 2, much of PI 5 is south of the former airfield in a largely undeveloped area. The Navy proposes no Phase I survey work is necessary for PAOC I (Figure 14), PAOC L (Figure 17), PAOC Q (Figure 14), SWMU 10 (Figure 6), AOC G (Figure 6), PI 5 (Figure 10), PI 6 (Figure 11), PI 8 (Figure 12), PI 10 (Figure 13), or AOC A (Figure 16). All of these locations are in areas previously disturbed, adjacent to buildings, within sewage treatments lagoons, or along related infrastructure (i.e. pipes). The enclosed figures show the sampling locations for these sites and also provide a plan view of the physical nature of the locations. Therefore, the Navy proposes to proceed with vegetation clearance, as needed, and intrusive investigative activities in all areas other than PI 5 without the necessity of performing a Phase I survey.

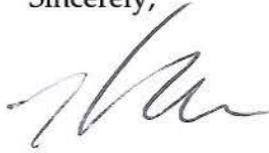
The Navy proposes to complete 100% Phase I survey of the vegetation clearance areas and sampling locations shown on the enclosed map for PI 5 (Figure 10). If **no cultural resources are identified** within the proposed Phase 1 survey location for PI 5, the Navy proposes to proceed with vegetation clearing, as needed, and intrusive investigative activities of those areas without the necessity of performing any testing. Prior to starting the vegetation clearing and/or intrusive investigative activities, the Navy will submit an Executive Summary to your office. The summary will describe the area surveyed, the survey methods used, and the results of the field survey. A complete report will be submitted following completion of the field work.

If an archaeological site or historic structure is located during the Phase 1 survey at PI 5, the Navy will notify your office within 24 hours of discovery to determine whether testing will be required. If no testing is needed, the Navy will proceed with vegetation clearance, as needed, and intrusive investigative activities in the area. If testing is needed, it will be completed immediately following the survey. Once the testing is complete, an Executive Summary (complete with a map and site file form) will be sent to your office within a week of finishing the field work. The letter will request concurrence with the Archaeologist / Historian's recommendations on eligibility for listing on the National Register of Historic Places. A complete report will be submitted following completion of the field work.

If you agree with the proposed process for Phase 1 survey of PI 5, and no need for archaeological survey work at PI 6, PI 8, PI 10, PAOC I, PAOC L, PAOC Q, SWMU 10, AOC G, and AOC A, or any of the previously surveyed sites, please sign below and return one of the originals in the enclosed Federal Express envelope.

Thank you for your cooperation and assistance. Please do not hesitate to contact me at 757-322-4736 should you have any questions.

Sincerely,



KEVIN R. CLOE, P.E.
Remedial Project Manager
Vieques Restoration Section
Environmental Restoration Branch

Copy to:

JoLee Gardner, CH2MHILL Archaeologist
Bruce Larson, Navy Archaeologist
Brett Doerr, CH2M HILL ERP Manager

I agree with and enter into this Letter of Agreement Governing Cultural Resources during the Phase 1 survey of PI 5, Vieques Puerto Rico. I further agree that no survey work is necessary for the other sites presented in this letter.

Aida Belen Riveria Ruiz
State Historic Preservation Officer

Date

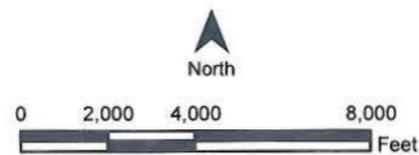
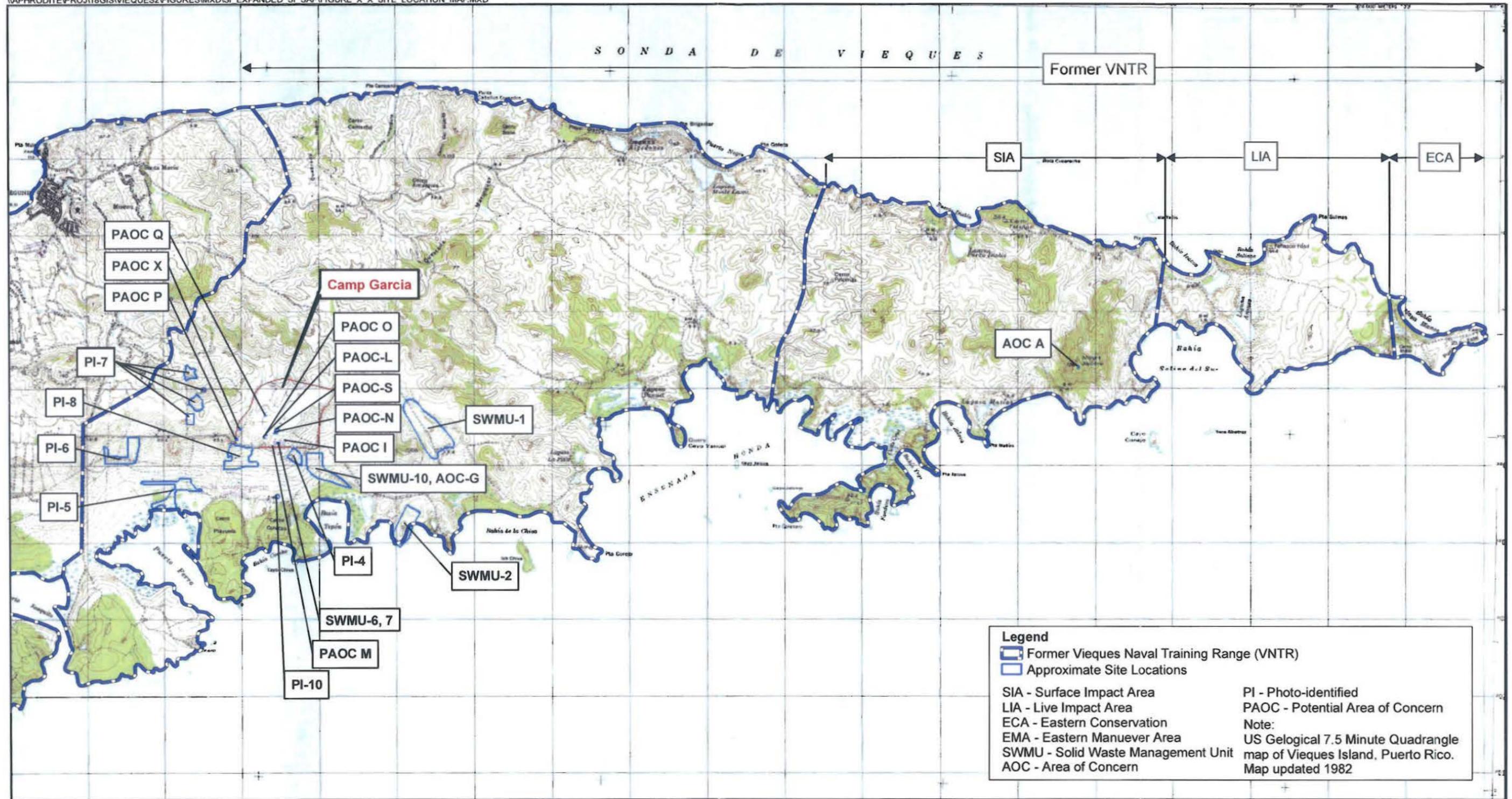
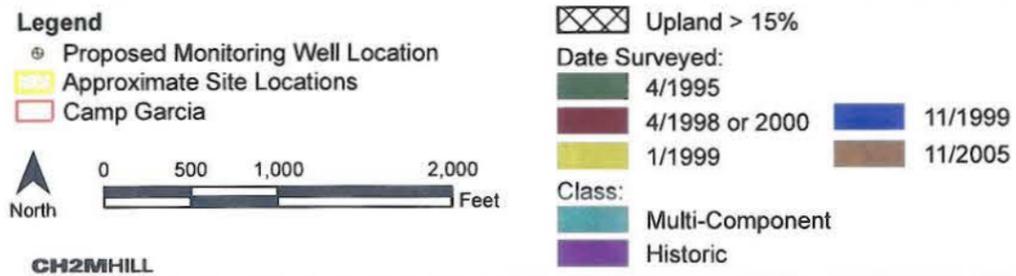
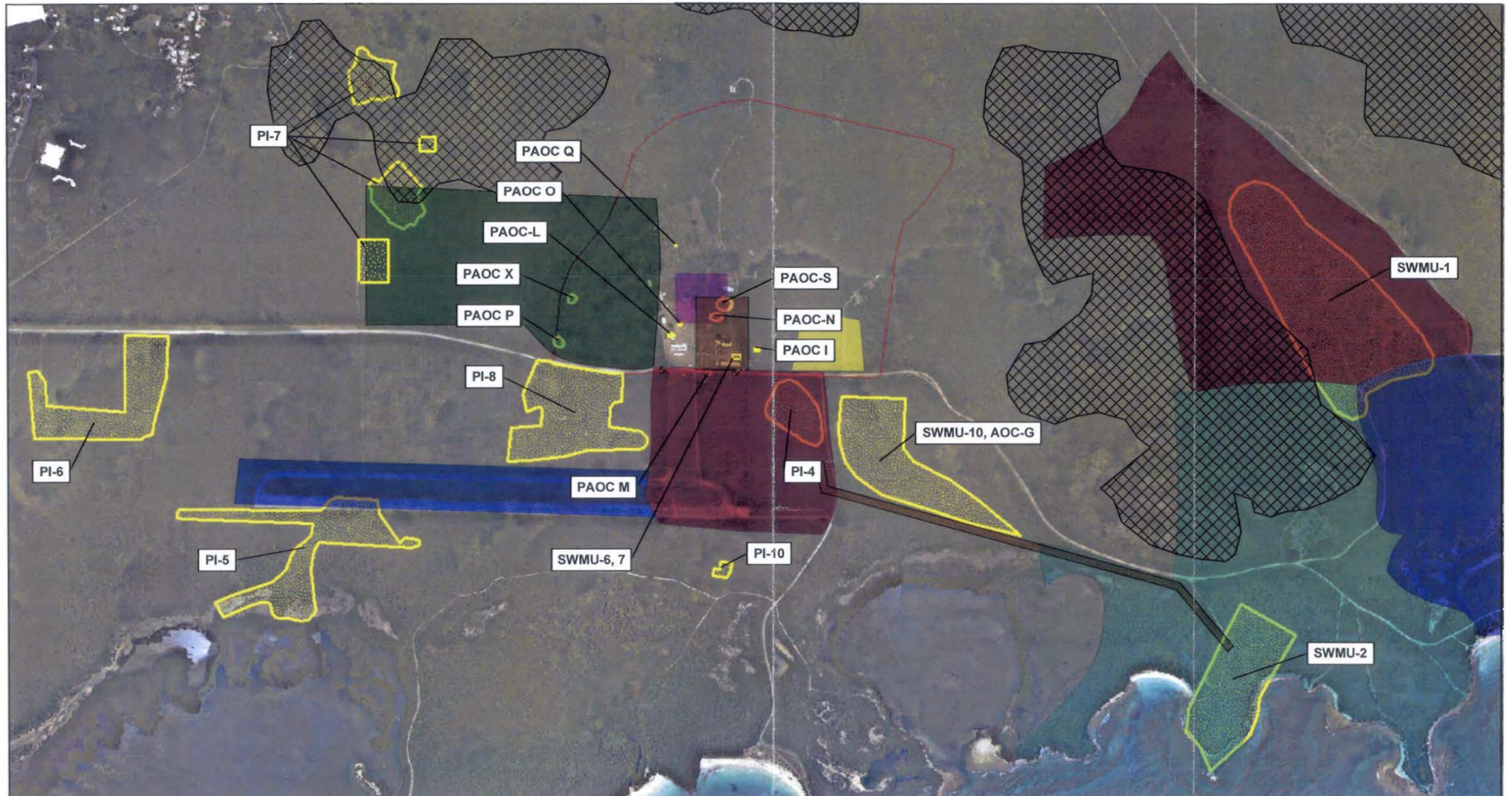
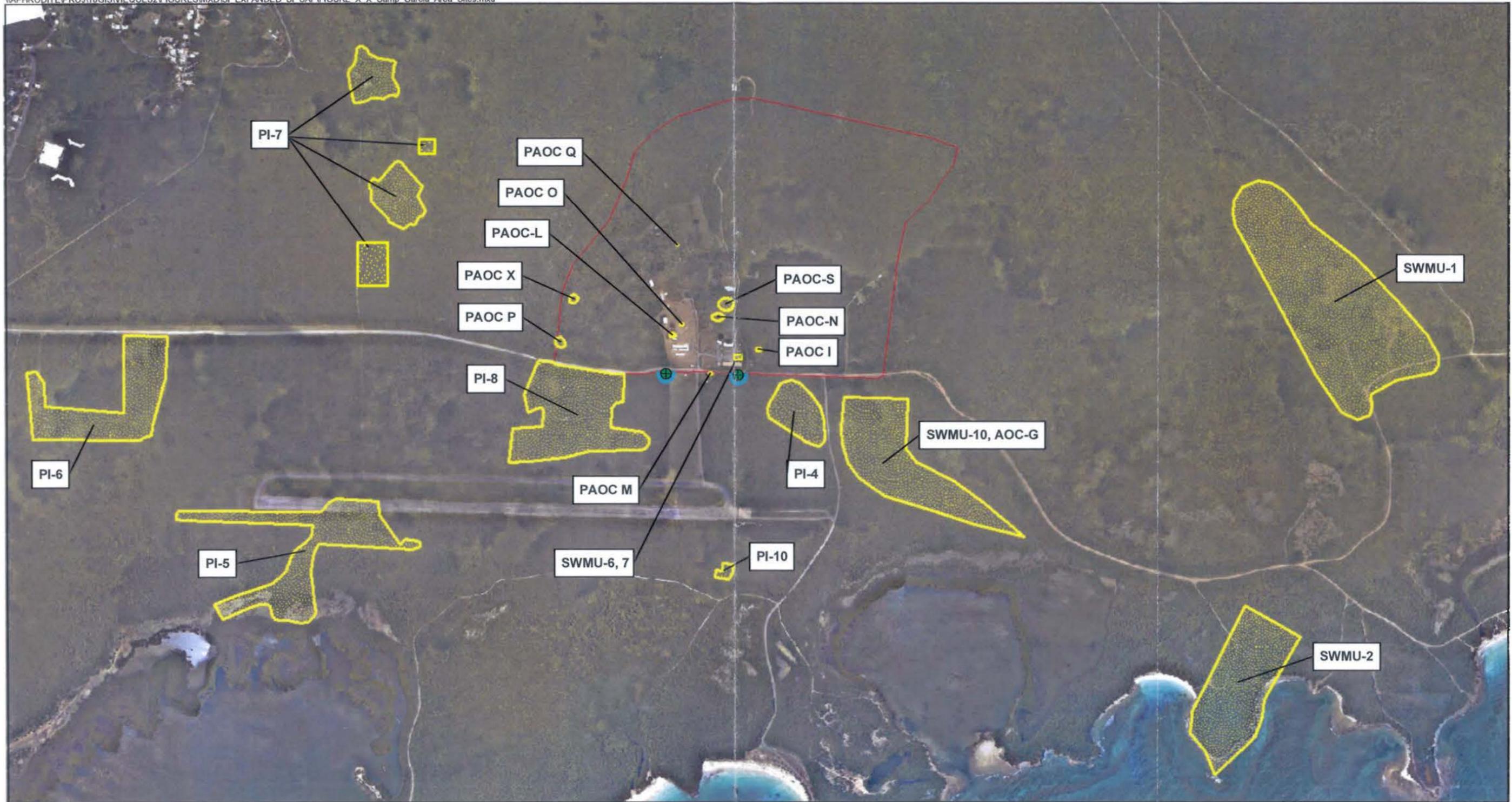


FIGURE 1
Site Location Map
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



Note: Colors obtained from figure from R. Christopher Goodwin & Associates, Inc. as of 7/17/2000, plus the 2005 survey.

FIGURE 2
 Historical Archaeological Investigations within the EMA
 SI/Expanded SI Sampling and Analysis Plan
 Vieques, Puerto Rico



- Legend**
- Proposed Monitoring Well Location
 - Approximate Site Locations
 - Camp Garcia
 - Limits of Vegetation Clearing

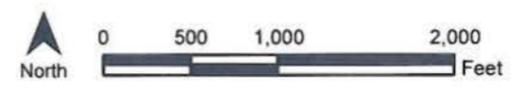


FIGURE 3
Camp Garcia Area Sites
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico

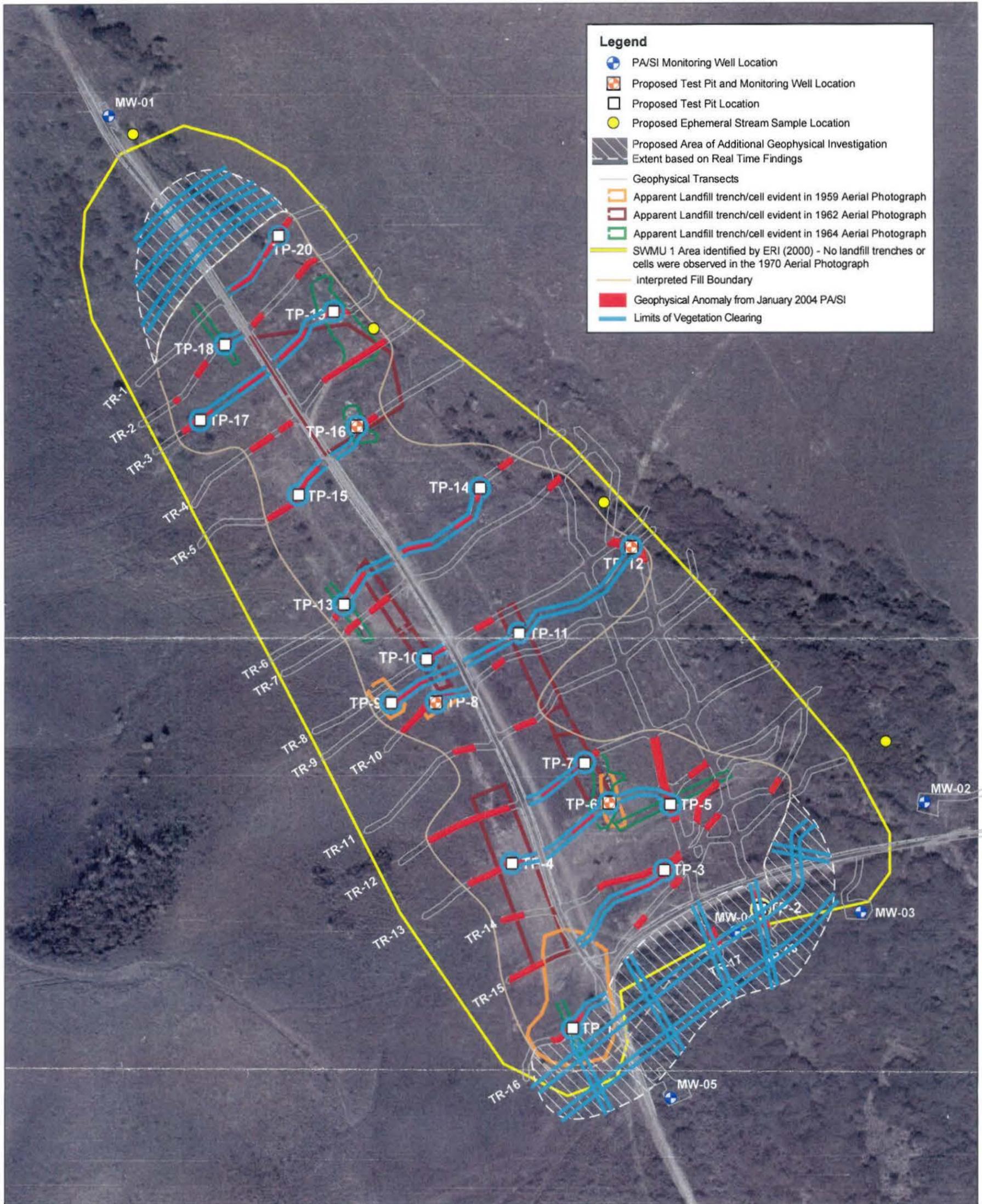
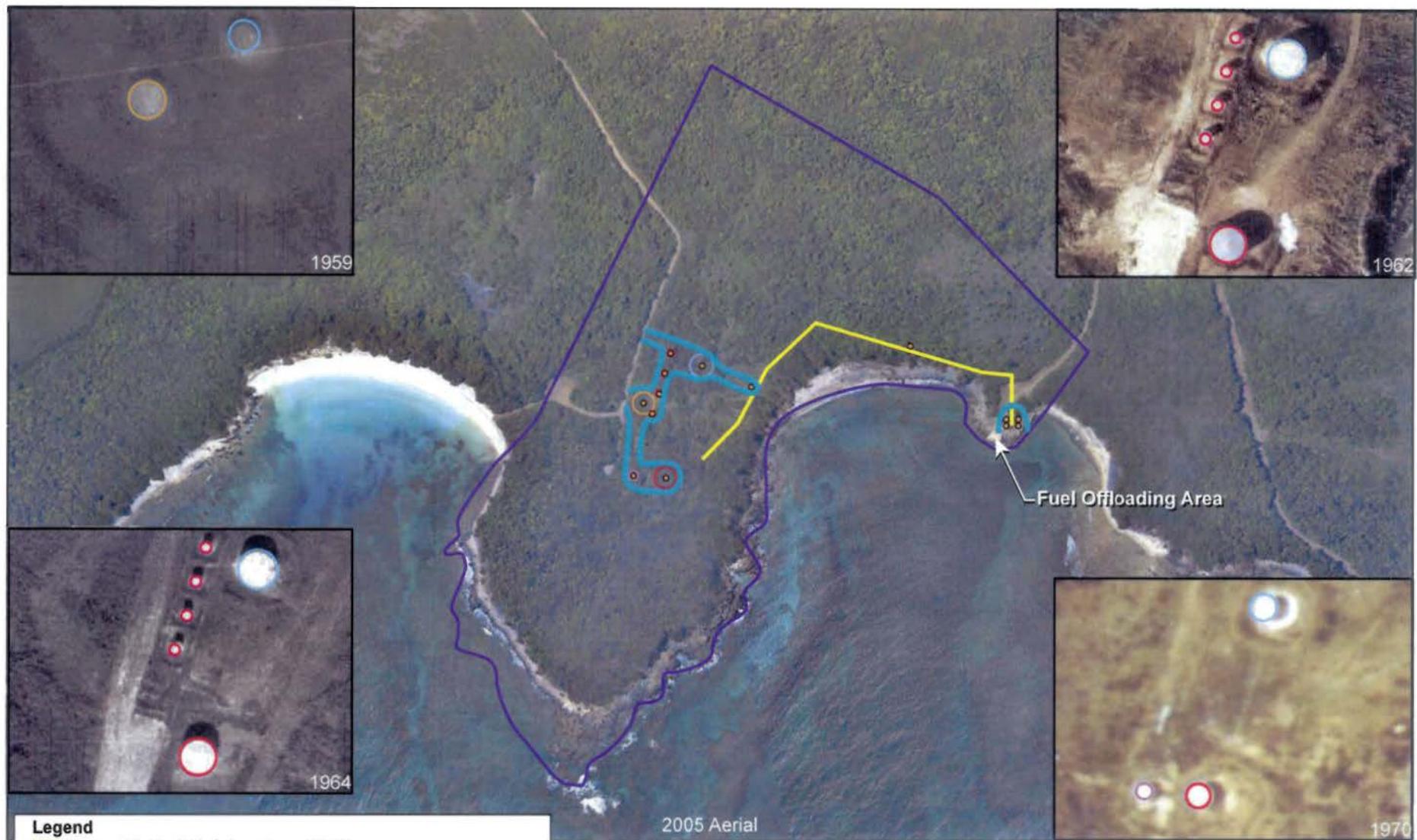


FIGURE 4
Proposed Additional Investigation (SWMU 1)
Preliminary Assessment/Site Inspection Report
12 Consent Order Sites and 8 PI/PAOC Sites
Vieques, Puerto Rico



- Legend**
- ◻ Former Vertical Tank Location - 1959
 - ◻ Former Vertical Tank Location - 1970
 - ◻ Former Vertical Tank Location - 1959, 1962, 1964, and 1970
 - ◻ Former Vertical Tank Location - 1962, 1964, and 1970
 - ◻ SWMU, AOC Sites
 - Estimated Location of Buried Pipeline
 - Proposed Surface and Subsurface Soil Sample Location
 - Limits of Vegetation Clearing

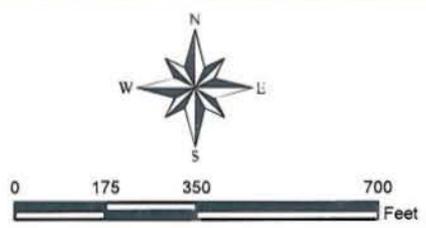


FIGURE 5
Composite Figure of Historical Tank Locations and Proposed Sampling Locations, SWMU 2
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico

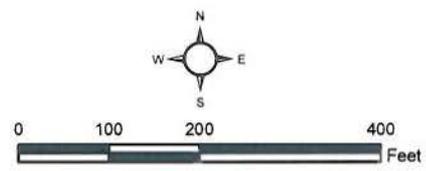
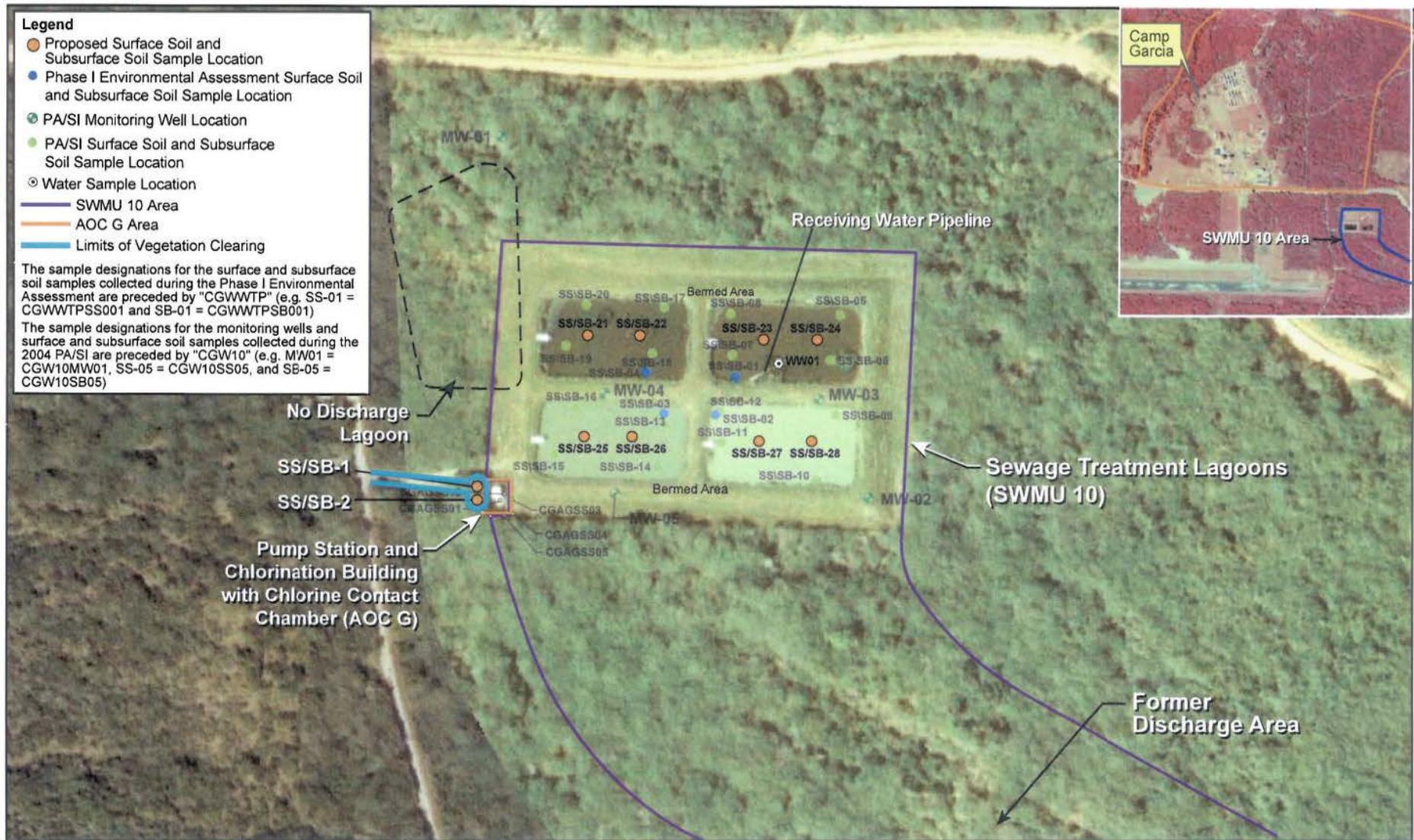


FIGURE 6
SWMU 10 and AOC G Sample Locations,
1983 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



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- PA/SI Monitoring Well Location With Water Elevation Feet Above Mean Sea Level
- Proposed Monitoring Well Location
- PA/SI Surface and Subsurface Soil Sample Location
- ▲ PA/SI Surface and Subsurface Soil Sample and Monitoring Well Location
- PA/SI Surface and Subsurface Soil Sample Location Co-located with EBS Surface Soil Sample Location
- PA/SI Surface Water Sample Location
- Concrete Pipes/Foundation Slab/Vault Box
- - - Estimated Peizometric Contours (dashed where inferred)
- Feature visible in 1964 Aerial Photograph
- Limits of Vegetation Clearing

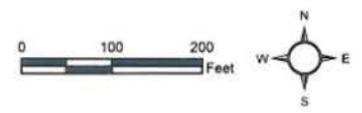
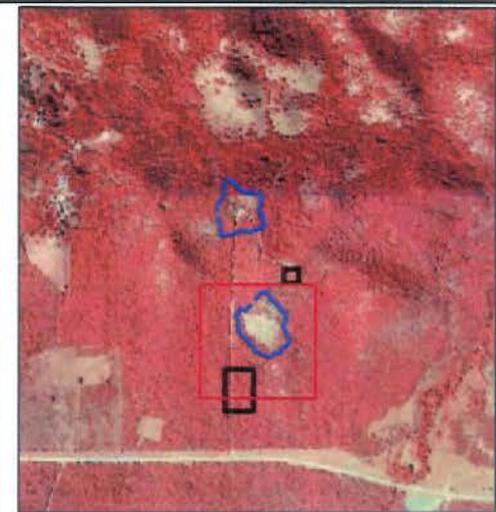
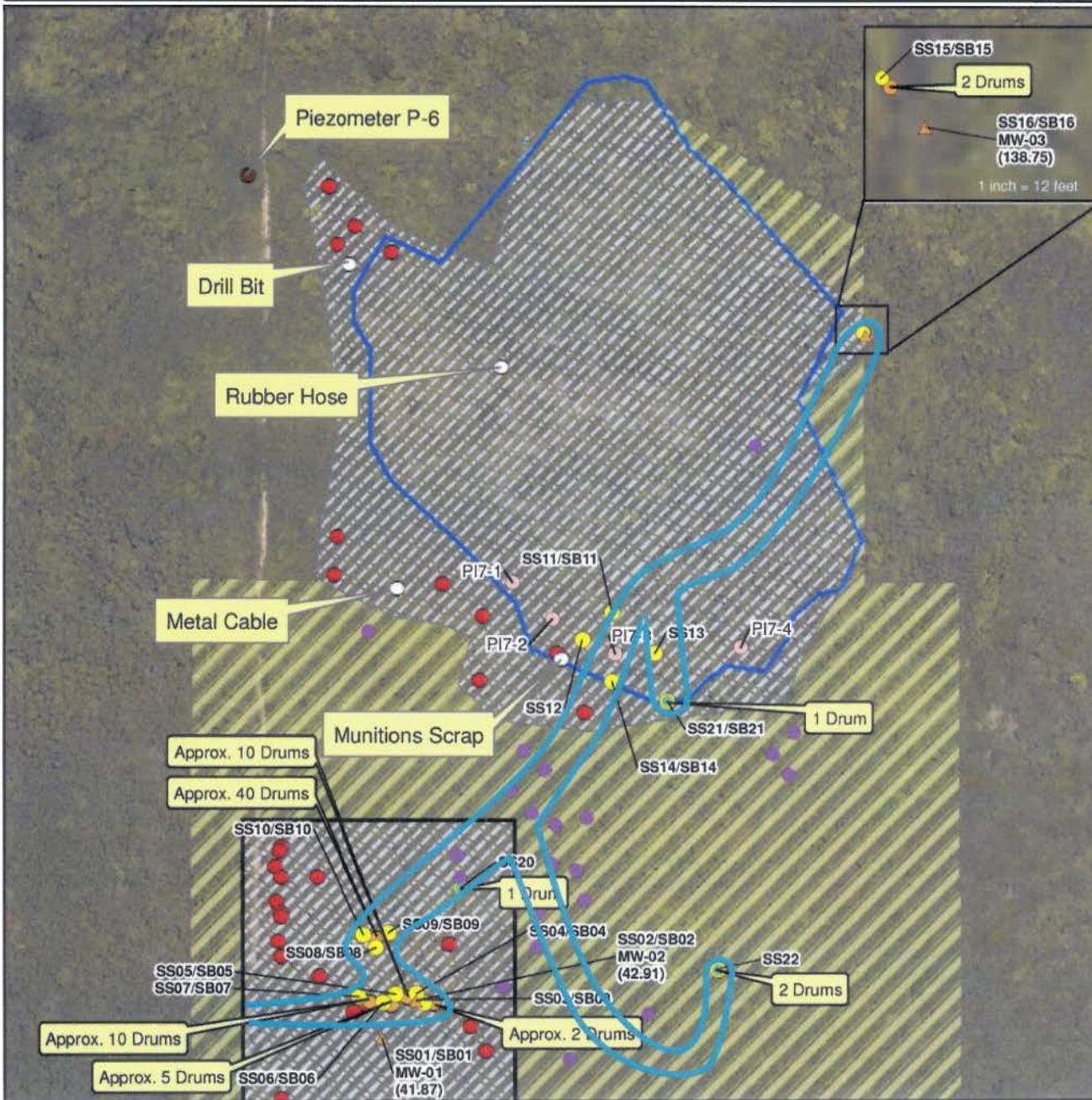


FIGURE 7
PI 4 Proposed Monitoring Well
 SI/Expanded SI Sampling and Analysis Plan
 Vieques, Puerto Rico



LEGEND

- ▲ PA/SI Surface and Subsurface Soil Sample and Monitoring Well Location With Water Elevation, Feet Above Mean Sea Level
- PA/SI Subsurface and/or Surface Soil Sample Location
- Previously Installed Piezometer
- EBS Surface Soil Sample Location
- Drums Identified During 2005 Reconnaissance
- Drums Identified During 2006 Reconnaissance
- Metallic Sub-surface Anomalies Identified During 2005 Reconnaissance
- Surface Debris Identified During 2005 Reconnaissance
- Surface Debris Identified During 2006 Reconnaissance
- ▭ Area of August 2005 PA/SI Reconnaissance
- ▭ Area of March 2006 PA/SI Reconnaissance
- ▭ ERI Aerial Photo Analysis Area
- Limits of Vegetation Clearing

Note:

Each sampling location shown is preceded by "EPI07" (e.g. SS02/SB02 = EPI07-SS02 and EPI07-SB02, and MW-1 = EPI07-MW01)

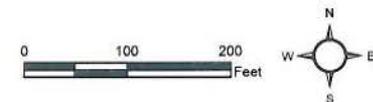


FIGURE 8
PI 7Central Subsection -
Former Quarry
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico

PHOTO DATE 1983



LEGEND

- ⊕ PA/SI Monitoring Well Location with Water Level Elevation, Feet Above Mean Sea Level
- PA/SI Surface and Subsurface Soil Sample Location
- ▲ PA/SI Surface and Subsurface Soil Sample and Monitoring Well Location with Water Level Elevation, Feet Above Mean Sea Level
- ▨ Proposed Area of Geophysical Investigation
- Limits of Vegetation Clearing

Note: Water Level Elevations collected 4/3/06-4/4/06

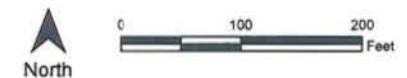


FIGURE 9
PAOCs N and S Geophysical Investigation,
1983 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



Legend

□ PI-5

● Proposed Surface and Subsurface Sampling Locations

— Limits of Vegetation Clearing



FIGURE 10
PI-5 Sample Locations,
1962 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



Legend

- PI-6
- Proposed Surface and Subsurface Sampling Locations
- EBS Surface Soil Sample Locations (PI6-1, 2, 3)
- EBS PCB Wipe Sample Locations (PBC1-6)
- Limits of Vegetation Clearing

Note: Approximate location of former wash pad, actual site to be identified during pre-sampling reconnaissance

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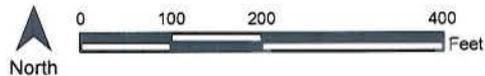


FIGURE 11
PI-6 1983 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



Legend

- PI-8
- EBS Surface Soil Sample Locations
- Proposed Surface and Subsurface Sampling Locations
- Limits of Vegetation Clearing

ERI Notes:

- Open storage of vehicles
- Equipment and multi-colored materials (some probably metallic)
- Heavy staining noted south of probable maintenance buildings

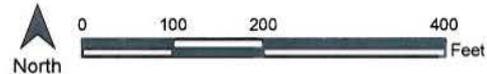


FIGURE 12
PI-8 Sample Locations,
1962 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



Legend

- PI-10
- EBS Surface Soil Sample Locations
- Proposed Surface and Subsurface Soil Sample Locations
- Limits of Vegetation Clearing



FIGURE 13
PI-10 Sample Locations,
1962 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



Legend

- Camp Garcia Area
- EBS Surface Soil Sample Location
- Proposed Surface and Subsurface Sampling Locations
- ◆ Monitoring Wells installed during the PA/SI
- ◆ Proposed Monitoring Well
- PAOC U Surface and Subsurface Sample Locations (PA/SI)
- Limits of Vegetation Clearing

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FIGURE 14
PAOCs I, M, O and Q Sample Locations,
1983 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



Legend

- PAOC P and X and Camp Garcia Boundary
- EBS Surface Soil Sample Location
- Proposed Surface and Subsurface Soil Sampling Location
- Limits of Vegetation Clearing

*Note: Location of PAOC P generator site approximate.
Actual site to be located in the field.*

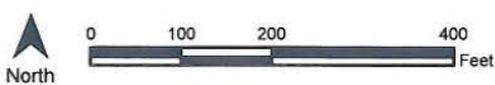


FIGURE 15
PAOCs P and X Sample Locations,
2005 Aerial Photograph
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico

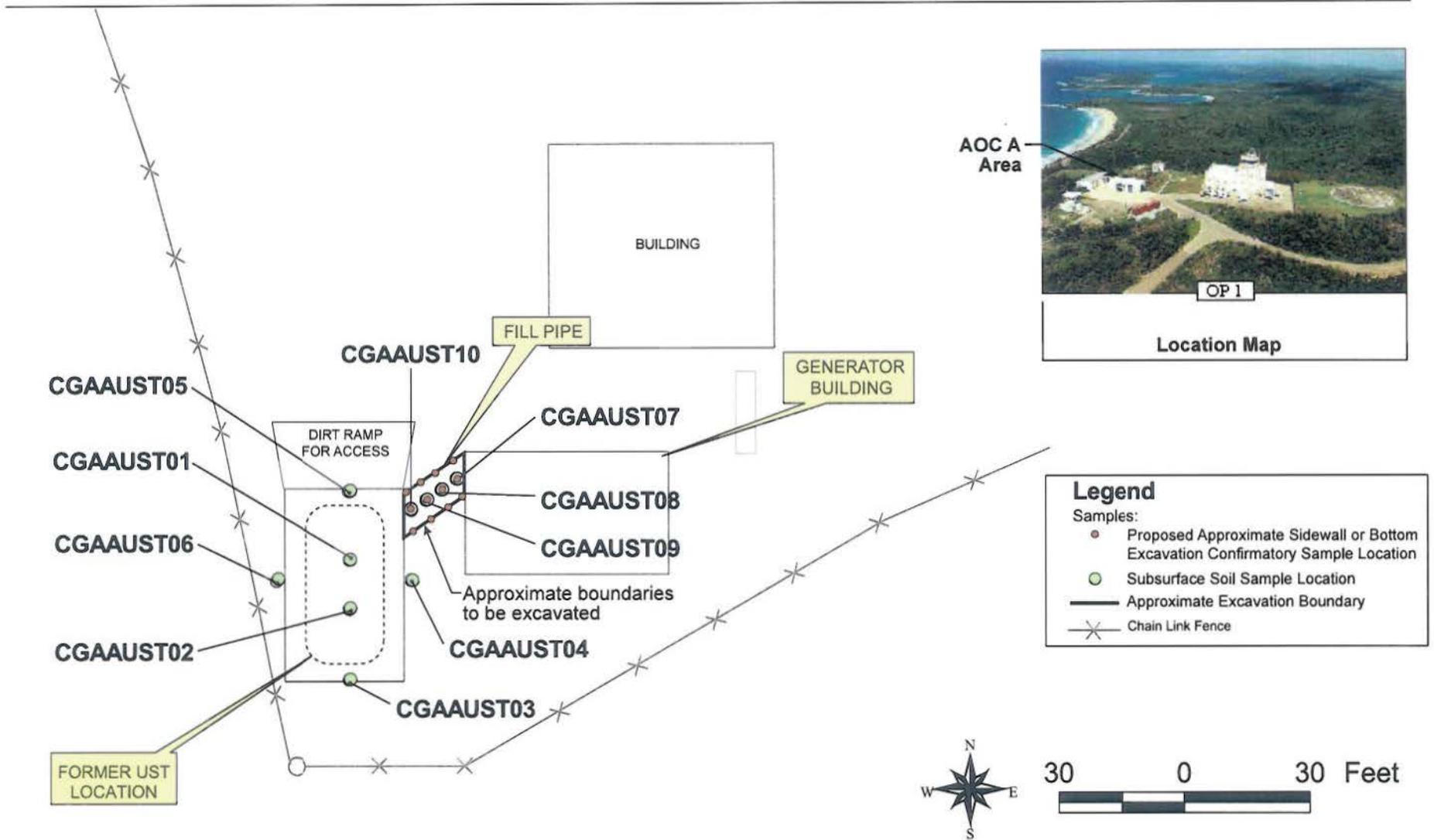


Figure 16
AOC A Approximate Excavation Boundaries and
Confirmation Sample Locations
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



LEGEND

- PA/SI Surface and Subsurface Soil Sample Location
- ▲ PA/SI Surface and Subsurface Soil Sample and Monitoring Well Location
- Proposed Surface Soil Sample Location

Note:
Each PA/SI sampling location is preceded by "EPAL" (e.g. SS02/SB02 = EPAL-SS02 and EPAL-SB02, MW-01 = EPAL-MW01)

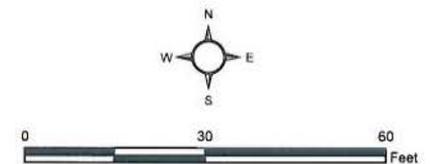


FIGURE 17
Proposed Additional Surface Soil
Sample Locations at PAOC L
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico



2005 Aerial

Legend

- Phase I Environmental Assessment Surface Soil Sample Location
- PA/SI Subsurface Soil Sample Location
- Proposed Surface Soil and Subsurface Soil Sample Location

Surface soil sample designations are preceded by "CGSWMU4" (e.g. SS-01 = CGW4SS001)

Subsurface soil sample designations are preceded by "CGW4" (e.g. SB-01 = CGW4SB01)

- ⊕ Proposed Monitoring Well Location

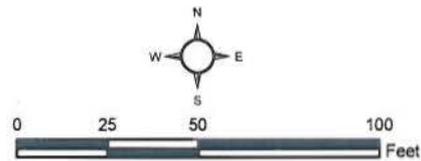


FIGURE 18
Proposed Surface Soil and Subsurface Soil
Sampling Locations at SWMU 6 and 7
SI/Expanded SI Sampling and Analysis Plan
Vieques, Puerto Rico