

ASR SUPPLEMENT

INSTALLATION NAME: FORT PICKENS

FFID: FL9799F4360

FUDS PROPERTY NUMBER: I04FL0063

TOTAL PROPERTY ACREAGE: 8906.41

MSC: South Atlantic Division - 41506
PENSACOLA BEACH, FL 32561

POC for this data:

Mike Dace, Chief of Ordnance and Technical Services Branch, St Louis District
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DOES THE INSTALLATION HAVE ANY A/I RANGES? NO

DOES THE INSTALLATION HAVE ANY CTT RANGES? YES

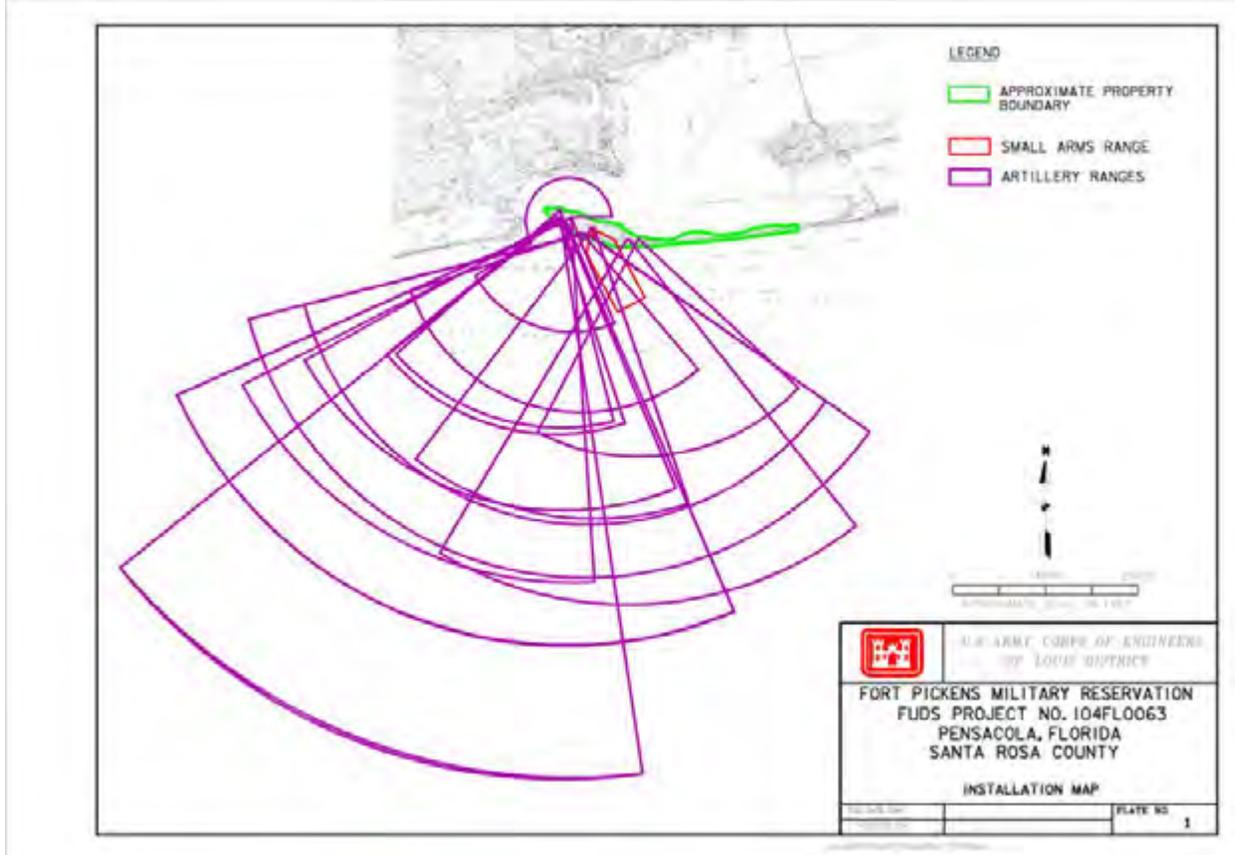
TYPES OF MUNITIONS USED ON THIS INSTALLATION: Conventional

INFORMATION IN THIS SUPPLEMENT WAS GATHERED FROM THE: ASR

MMR AREA SUMMARY						
PROJECT No.	PLATE No.	RANGE NAME	SUB-RANGE NAME	ACREAGE	AARS AOC	RMIS RANGE ID
01	R01	Range Complex		138465.2		I04FL006301R01
01	R01-SR01		Battery Van Swearingen	86322.1		I04FL006301R01-SR01
01	R01-SR02		Battery Air	73590.7		I04FL006301R01-SR02
01	R01-SR03		Battery Langdon	42539.2		I04FL006301R01-SR03
01	R01-SR04		Battery GPF	71300.5		I04FL006301R01-SR04
01	R01-SR05		Battery Pensacola	40788.3		I04FL006301R01-SR05
01	R01-SR06		Battery Cooper	50603.75		I04FL006301R01-SR06

01	R01-SR07		Battery Cullum and Battery Servier	32933.4		I04FL006301R01-SR07
01	R01-SR08		Battery Worth	22010.4		I04FL006301R01-SR08
01	R01-SR09		Battery Fixed	16169.8		I04FL006301R01-SR09
01	R01-SR10		Battery Payne	15057.7		I04FL006301R01-SR10
01	R01-SR11		Battery Trueman	13628.8		I04FL006301R01-SR11
01	R01-SR12		1800's Batteries	6341.2		I04FL006301R01-SR12
01	R01-SR13		Battery 234	16488.4		I04FL006301R01-SR13
01	R01-SR14		600 Yard Rifle Range	96.5		I04FL006301R01-SR14

Installation Map: FL9799F4360_INSTAL_MAP_00_20070911.JPG



INSTALLATION NAME
FORT PICKENS
PENSACOLA BEACH, FL

FUDS PROJECT
I04FL006301 - Fort Pickens

PROJECT COMMENTS: No Project Comments have been entered

MMR AREA NAME: Range Complex

RMIS Range ID: I04FL006301R01

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
SMALL ARMS	1936	1948	N/A
ARTILLERY	1861	1947	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	1167.7
Tidal Water:	137297.5
Inland Water:	0
Total:	138465.2
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	138465.2
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	B
RAC Score:	2

CLASSIFICATION(S):

Training
Small Arms Range

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18610101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: The Range Complex is located in Escambia County, FL at 30° 12' 38" N, 87° 19' 26" W

COMMENTS: Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

This complex is derived as the composite of the numerous batteries on the fort. All acreage was derived using historical documentation.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS - EXPENDED(CTT01)	50 Cal. Machine Gun	194101	194701
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .22 Ball Long Rifle M24	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .22 Ball Short	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 AP M1918	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 AP M1922	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 AP M2	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 API M14 (T15)	193601	194801

SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Ball Frangible M22	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Ball High Pressure Test M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Ball M2	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Blank M1909	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Blank T1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Ball High Pressure Test M18	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Ball M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Grenade M6	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Tracer M16	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Tracer M27 (T43)	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Tracer T24	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Dummy Carbine M13	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Dummy M1906	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Dummy M2	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Grenade M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Grenade M3	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Guard M1906	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Incendiary M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Practice M1919	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Tracer M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Tracer M25 (T10)	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30, Guard, M1	193601	194801

SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .45 Ball M1911	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .45 Ball Match M1911	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .45 Shot M12 (T23)	193601	194801
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 3 inch Common Steel for Field Gun M1902	190405	194606
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 3 inch HE M1915	191801	194501
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M1	191901	192001
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M54	194112	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M63	194112	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 4.7 inch Common Steel Model of 1905 for 4.7 inch Gun	190501	191802
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 40mm AP-T M81	194501	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 40mm HE, HEI MK2	194501	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 10 inch Civil War	186104	194606
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 155mm HE MK4	191801	194504
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 42 lb Common Civil War	186104	189812
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 6 inch AP Model 1898	190601	191711
LARGE CALIBER (37MM AND LARGER), PRACTICE(CTT21)	Cartridge, 37mm Practice M55	194112	194701
LARGE CALIBER (37MM AND LARGER), PRACTICE(CTT21)	Cartridge, 40mm TP-T M91	194501	194701
MORTARS, HE(CTT22)	Cartridge, 12 inch Mortar DP M1898	189812	194211
MORTARS, HE(CTT22)	Projectile, 12 inch BL 1,000 lb Model 1895	189501	194707
MORTARS, HE(CTT22)	Projectile, 12 inch BL 800 lb Model 1895	189501	189812

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
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A NONE SPECIFIED No Access Controls
L ZONING National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES
F	Department of Interior, National Parks Service		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA
CT	Pensacola	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

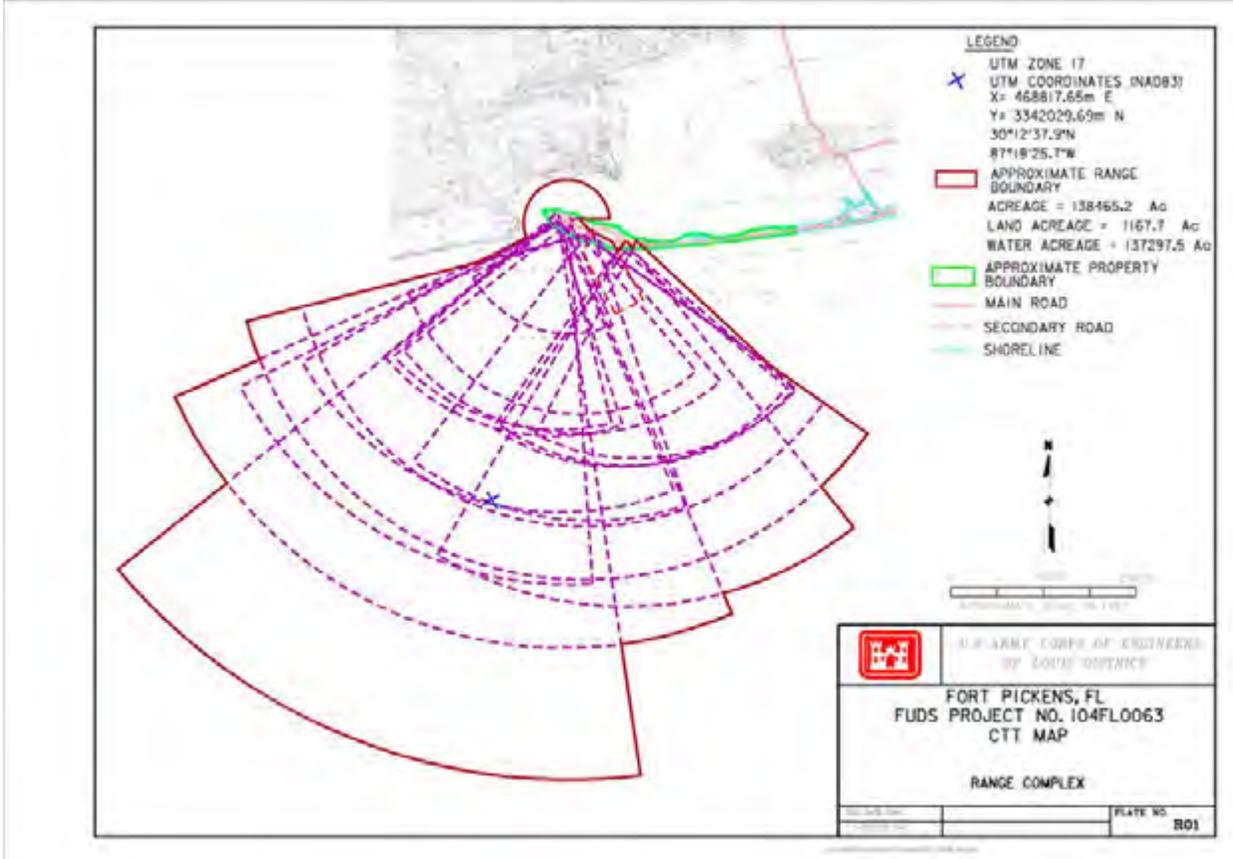
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM: NAD83
UTM X: (meters) 468817.65
UTM Y: (meters) 3342029.69
UTM ZONE: 17
Latitude: 30° 12' 38" N
Longitude: 87° 19' 26" W

RANGE MAP: FL9799F4360_CTT_MAP_01_20070911.JPG



SUB-RANGE NAME: Battery Van Swearingen
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR01

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1898	1921	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	39.5
Tidal Water:	86282.6
Inland Water:	0
Total:	86322.1
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	86322.1
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18980629

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Van Swearingen is located in Escambia County, FL at 30* 11' 17" N, 87* 21' 14" W

COMMENTS: Two 4.7-inch British Armstrong guns were mounted on pedestal carriages (Model 1897) at Battery Van Swearingen and turned over to the artillery on 29 June 1898. The guns were dismantled in the winter of 1917-1918 and shipped to Watervliet in February 1918.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

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HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 4.7 inch Common Steel Model of 1905 for 4.7 inch Gun	190501	191802

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
L	ZONING	National Seashore
A	NONE SPECIFIED	No Access Controls

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CT	Pensacola	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

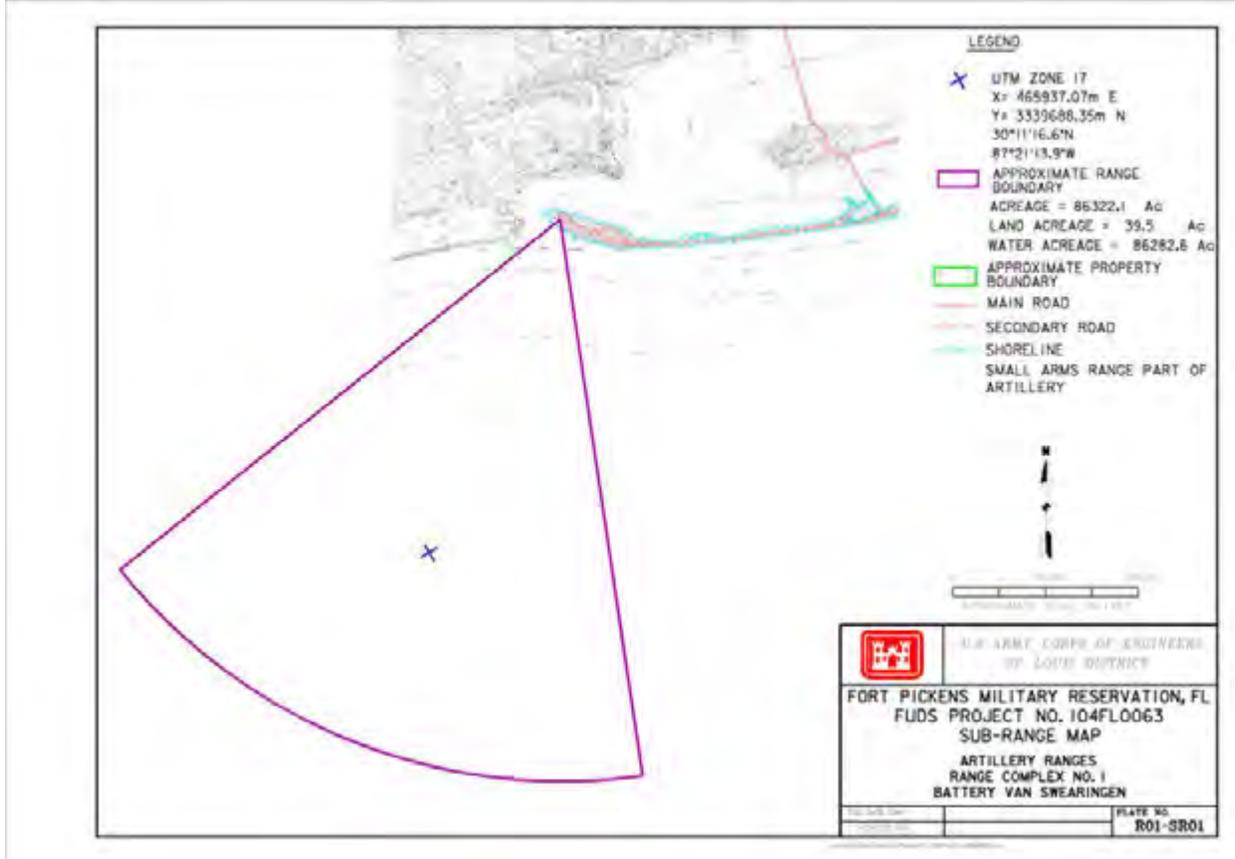
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	465937.07
UTM Y: (meters)	3339688.35
UTM ZONE:	17
Latitude:	30° 11' 17" N
Longitude:	87° 21' 14" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0101_20070911.JPG



SUB-RANGE NAME: Battery Air
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR02

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1929	1937	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	79.9
Tidal Water:	73510.8
Inland Water:	0
Total:	73590.7
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	73590.7
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19290110

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Air is located in Escambia County, FL at 30* 13' 34" N, 87* 20' 3" W

COMMENTS: Battery Air had four 3-inch guns (Model 1917). By March 1937, the original guns had been shipped to the National Guard and replaced with three 3-inch guns, Model M-3, on spider mounts.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

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HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 3 inch HE M1915	192901	193703

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
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CO Escambia FL USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

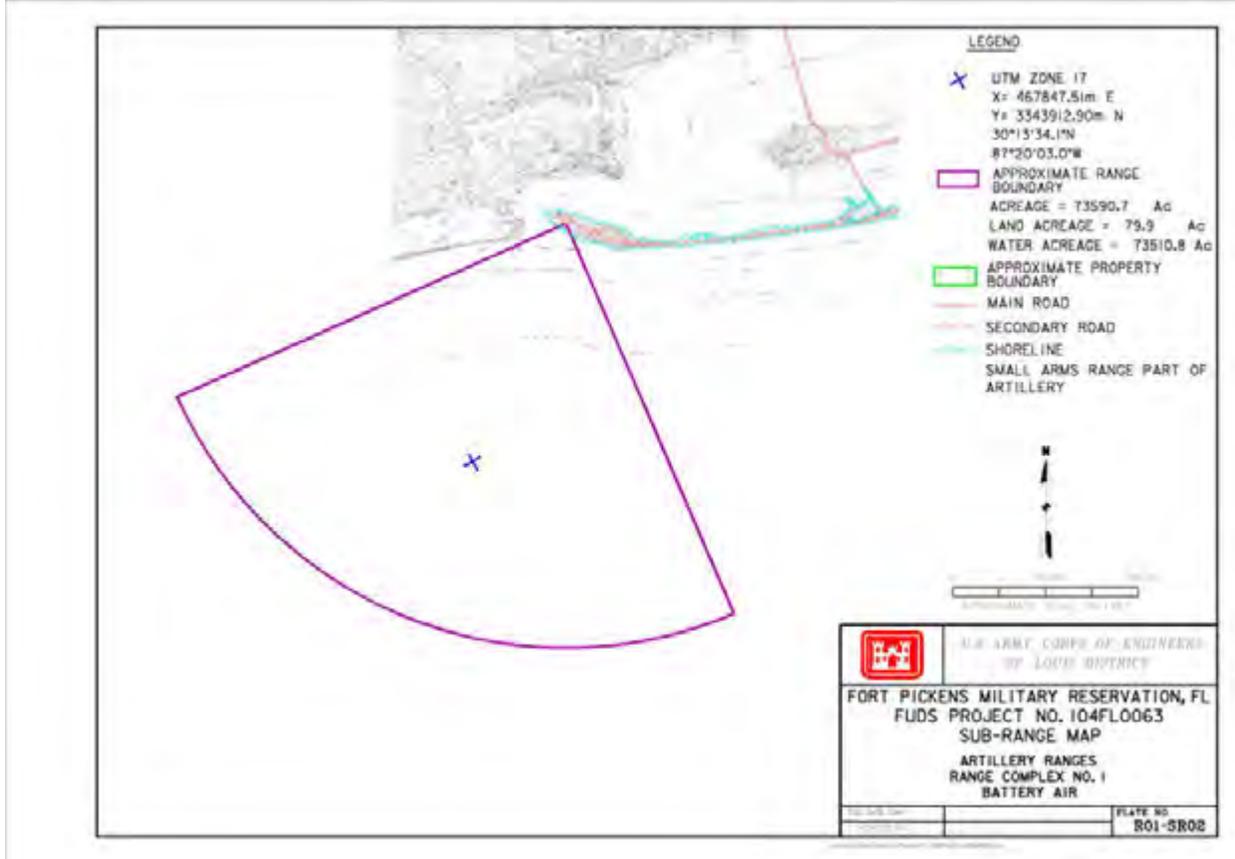
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	467847.51
UTM Y: (meters)	3343912.90
UTM ZONE:	17
Latitude:	30° 13' 34" N
Longitude:	87° 20' 3" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0102_20070911.JPG



SUB-RANGE NAME: Battery Langdon
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR03

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1923	1947	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	105.6
Tidal Water:	42433.6
Inland Water:	0
Total:	42539.2
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	42539.2
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19230101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Langdon is located in Escambia County, FL at 30° 13' 28" N, 87° 15' 9" W

COMMENTS: Two 12-inch guns (Model 1895 M1) were mounted at Battery Langdon in March 1923. , In 1941, four 37-mm and three caliber .50 machine guns were present. In 1945, four 40-mm and four caliber .50 machine guns were installed. During June and July 1947, the two 12-inch guns and Barbette carriages at Battery Langdon were completely demilitarized, removed, mutilated, and sold for scrap.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

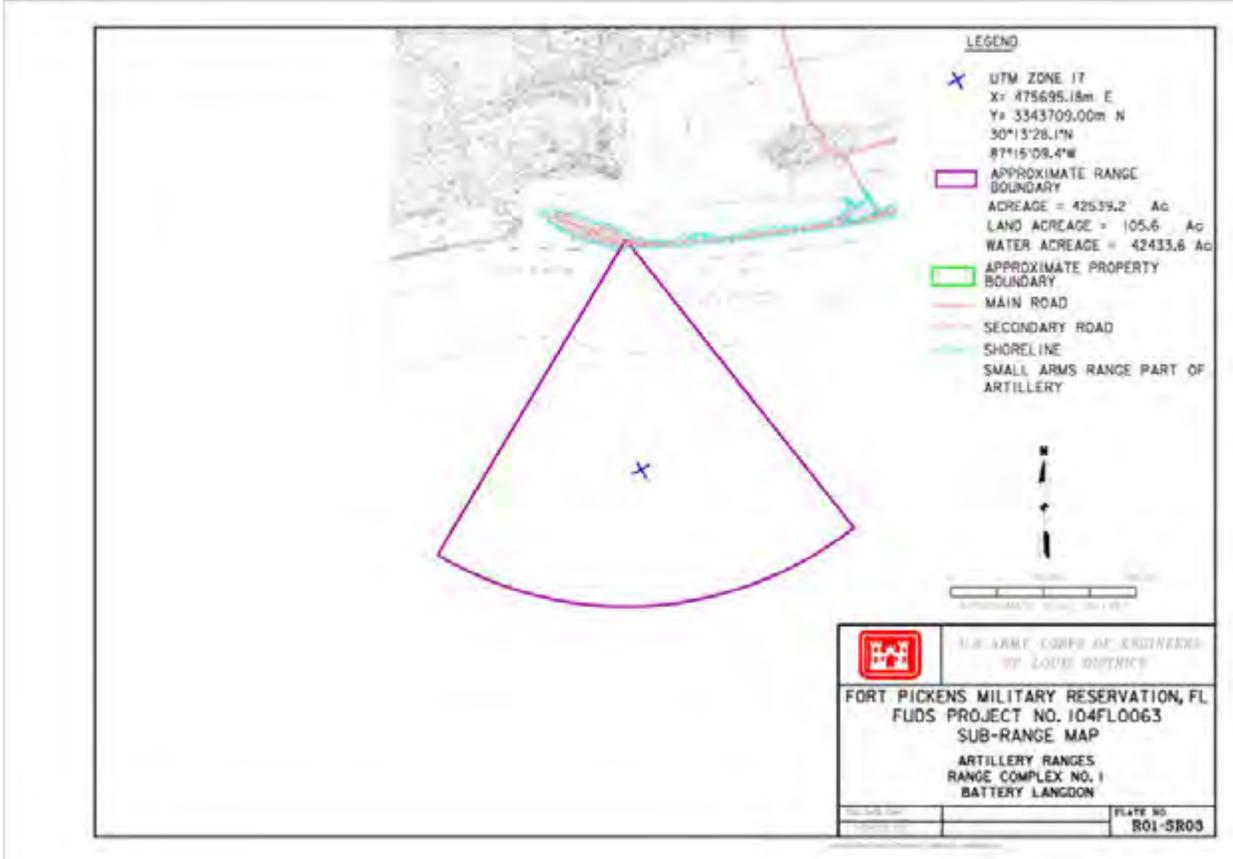
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HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS - EXPENDED(CTT01)	50 Cal. Machine Gun	194112	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 40mm AP-T M81	194501	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M54	194112	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M63	194112	194701
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 40mm HE, HEI MK2	194501	194701
LARGE CALIBER (37MM AND LARGER), PRACTICE(CTT21)	Cartridge, 40mm TP-T M91	194501	194701
LARGE CALIBER (37MM AND LARGER), PRACTICE(CTT21)	Cartridge, 37mm Practice M55	194112	194701

SUB-RANGE MAP: FL9799F4360_SR_MAP_0103_20070911.JPG



SUB-RANGE NAME: Battery GPF
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR04

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1937	1945	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	146.5
Tidal Water:	71154
Inland Water:	0
Total:	71300.5
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	71300.5
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19370101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery GPF is located in Escambia County, FL at 30° 14' 46" N, 87° 17' 48" W

COMMENTS: In the spring of 1937, two emplacements for 155-mm GPFs (Model 1918) were constructed in front of Battery Cooper. These guns were numbered 806 and 932. A third emplacement was constructed to the right of Battery Cooper, the fourth to the left. These guns were used for training R.O.T.C., C.M.T.C., and O.R. Battery GPF remained part of the Harbor Defense Project until 5 April 1945, when it was disarmed.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

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HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 155mm HE MK4	191801	194504

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCAION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

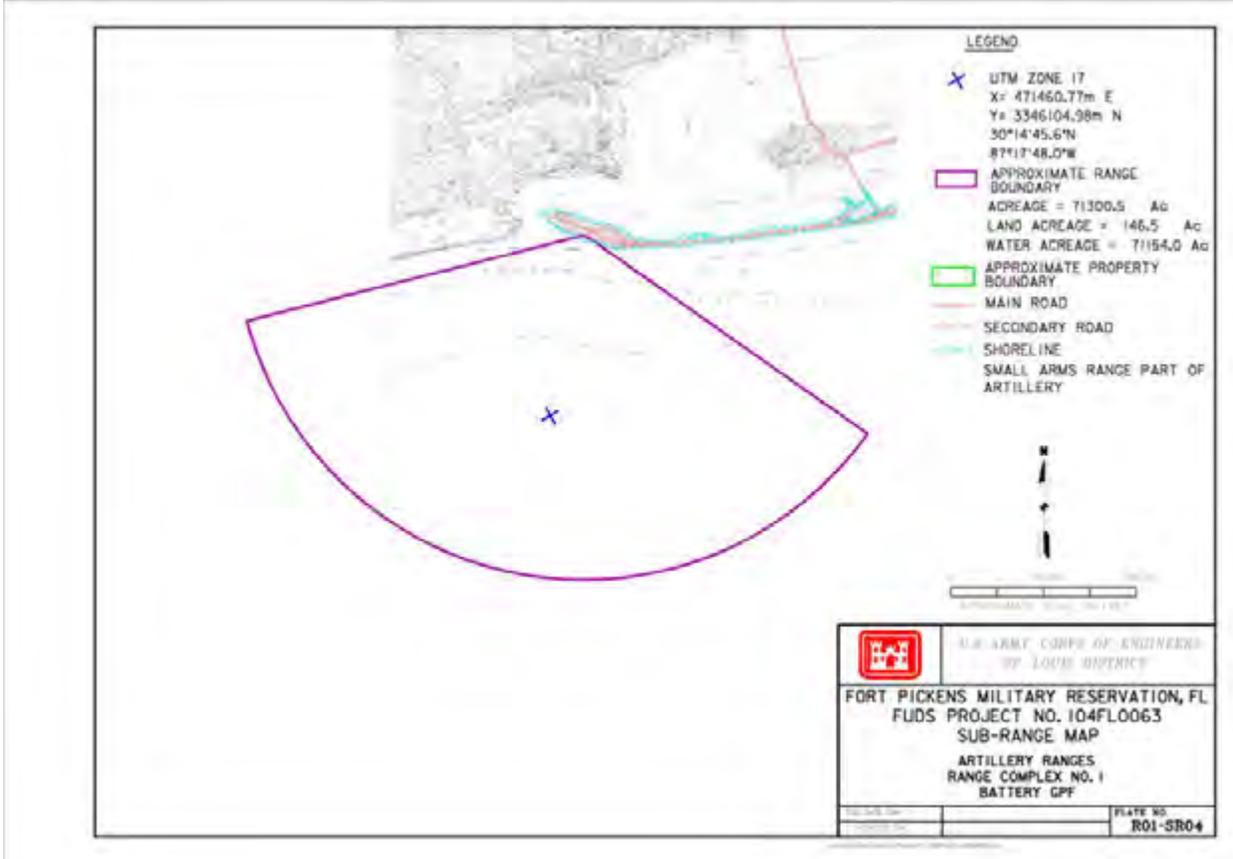
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	471460.77
UTM Y: (meters)	3346104.98
UTM ZONE:	17
Latitude:	30° 14' 46" N
Longitude:	87° 17' 48" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0104_20070911.JPG



SUB-RANGE NAME: Battery Pensacola
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR05

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1898	1933	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	182.06
Tidal Water:	40606.24
Inland Water:	0
Total:	40788.3
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	40788.3
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18981220

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Pensacola is located in Escambia County, FL at 30° 14' 36" N, 87° 20' 33" W

COMMENTS: Mounting of two 12-inch rifled guns (Model 1895) on disappearing carriages (Model 1897) at Battery Pensacola was completed on 27 November 1899. The 12-inch guns were capable of firing 1,070-pound (lb.) shells approximately eight miles. Defensive weapons associated with the Battery included Gatling guns. In May 1917, it was stated that 12 automatic machine guns were needed to replace Gatling guns. A 28 July 28 1941 Report on Obsolete Batteries at Fort Pickens states the two 12-inch guns had been removed.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
MORTARS, HE(CTT22)	Projectile, 12 inch BL 1,000 lb Model 1895	189911	194107

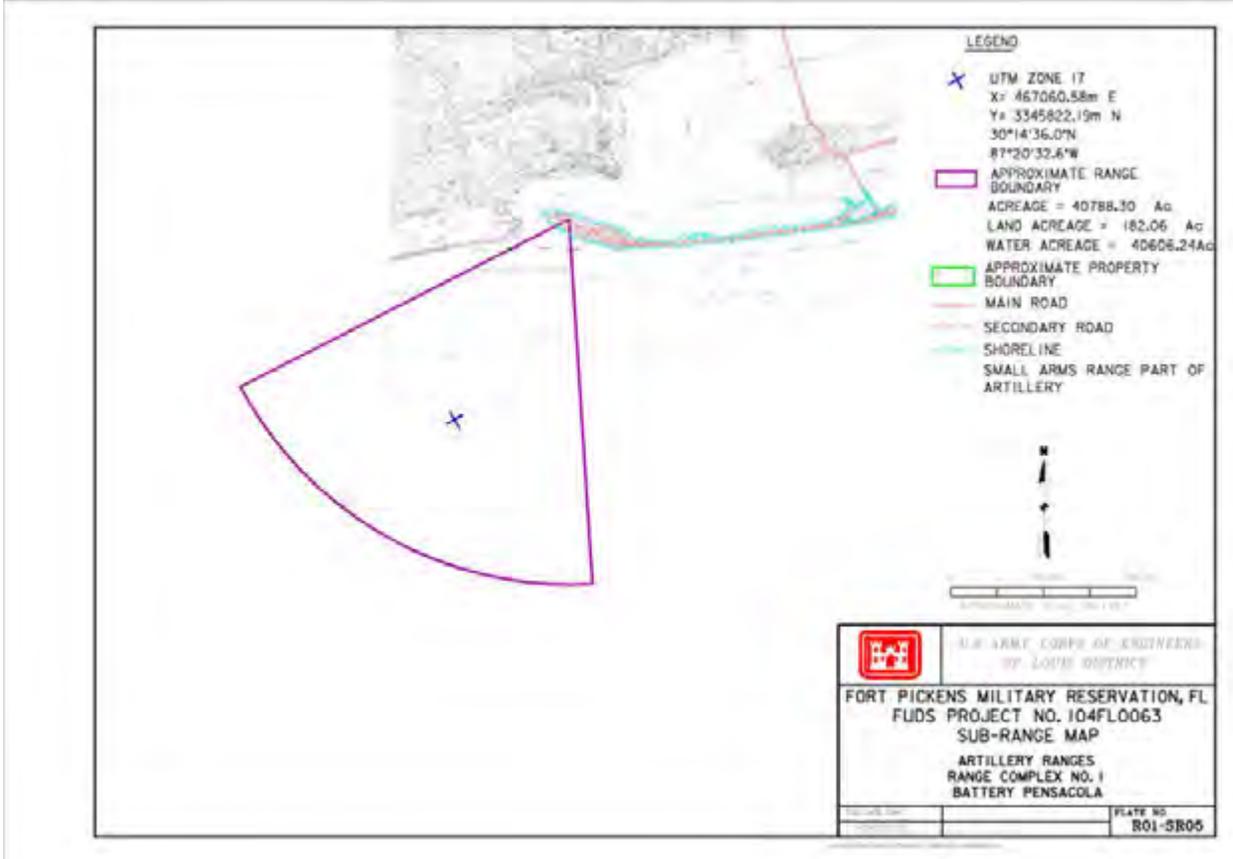
RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
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SUB-RANGE MAP: FL9799F4360_SR_MAP_0105_20070911.JPG



SUB-RANGE NAME: Battery Cooper
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR06

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1905	1920	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	257.4
Tidal Water:	50346.35
Inland Water:	0
Total:	50603.75
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	50603.75
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19050101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Cooper is located in Escambia County, FL at 30* 15' 28" N, 87* 17' 38" W

COMMENTS: Battery Cooper was constructed in 1905. In 1906, two 6-inch rapid fire guns (Model 1903) were mounted on disappearing carriages. In November 1917, the guns were dismantled. , , , , Two 37-mm guns were also positioned at Battery Cooper.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 6 inch AP Model 1898	190601	191711
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M1	191901	192001

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

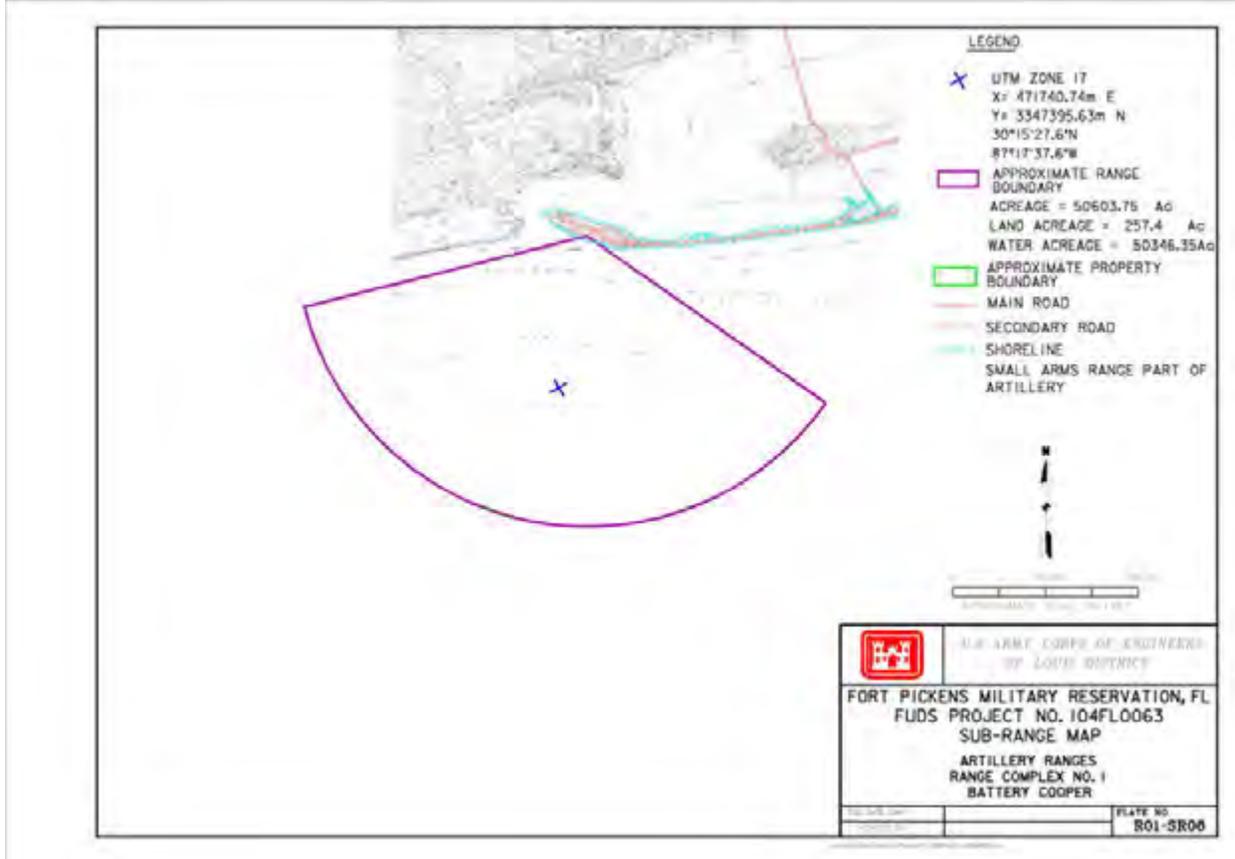
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	471740.74
UTM Y: (meters)	3347395.63
UTM ZONE:	17
Latitude:	30° 15' 28" N
Longitude:	87° 17' 38" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0106_20070911.JPG



SUB-RANGE NAME: Battery Cullum and Battery Servier
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR07

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1916	1946	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	141.7
Tidal Water:	32791.7
Inland Water:	0
Total:	32933.4
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	32933.4
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19160425

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Cullum and Servier is located in Escambia County, FL at 30* 15' 25" N, 87* 19' 13" W

COMMENTS: The battery originally mounted four 10-inch guns (Model 1888 M2). In May 1918, two were dismantled and shipped to Watervliet. In 1921 they were replaced with two 10-inch, (Model 1895). A 6 June 1914 documents included a request to use the guns for the next annual service practice. It also states the total number of shots fired from this battery for the four guns was 582. Battery Cullman was identified to conduct target practice May 1925 by firing against a moving target at a range of 8,000 - 10,000 yards. During the third firing, the battery was to be subjected to a cloud of tear gas. There were to be three practices, 10 shots for each practice.

Although the 10-inch guns were removed, the relocation of the two 3-inch rapid fire guns from Battery Trueman to Battery Cullum was approved in early 1942. The battery was modified and the guns were in place as of June 1944.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 10 inch Civil War	191604	194606

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

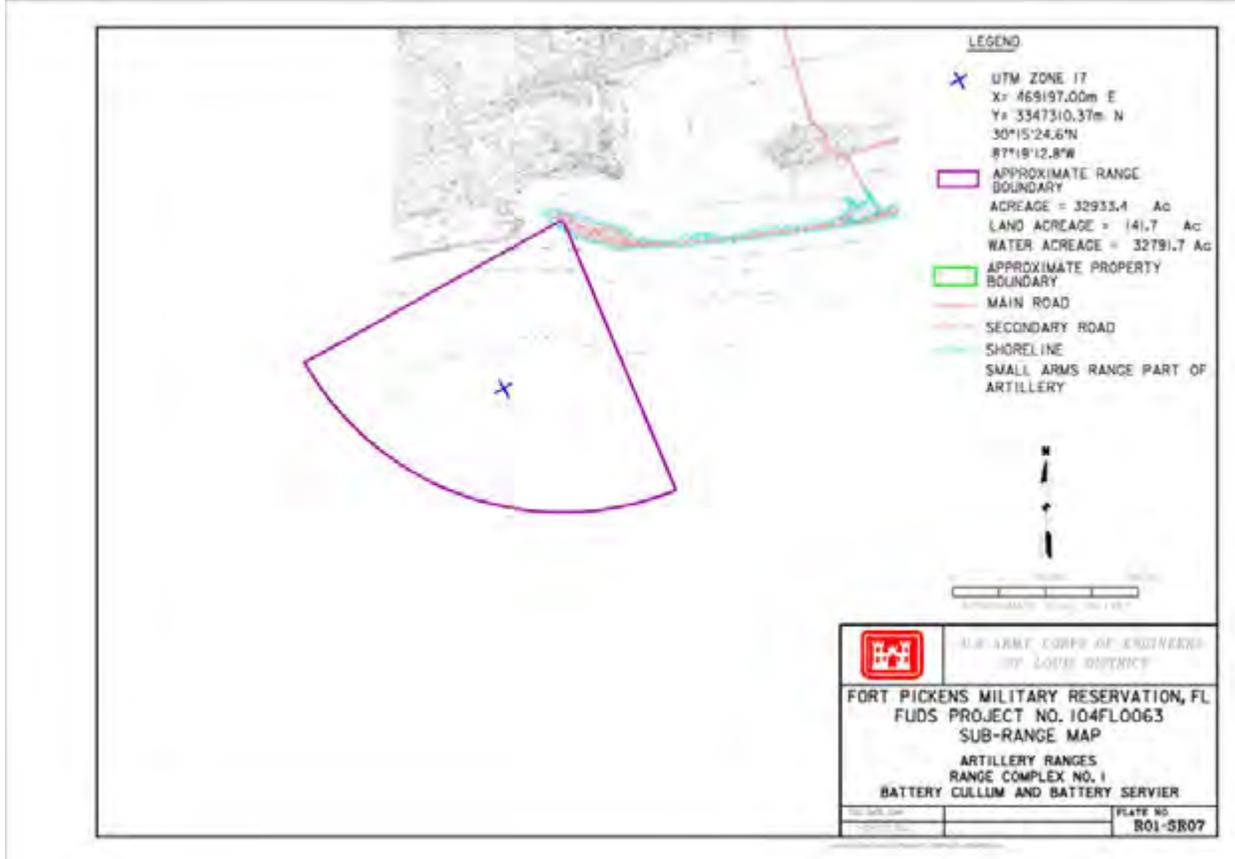
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	469197.00
UTM Y: (meters)	3347310.37
UTM ZONE:	17
Latitude:	30° 15' 25" N
Longitude:	87° 19' 13" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0107_20070911.JPG



SUB-RANGE NAME: Battery Worth
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR08

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1898	1942	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	183.8
Tidal Water:	21826.6
Inland Water:	0
Total:	22010.4
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	22010.4
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18980101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Worth is located in Escambia County, FL at 30° 14' 49" N, 87° 17' 29" W

COMMENTS: Construction of Battery Worth began in 1897 and was completed in 1898. The battery housed eight 12-inch mortars (Model 1890 M1) in two gun pits of four mortars each. The ammunition allowance for Battery Worth allowed for two thirds of the War allowance to be stored at the battery: 120 each DP (Deck Piercing), 60 each HE (High Explosive). In mid-November 1942, it was reported by the Southern Defense Command that the mortars and their carriages had been salvaged.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
MORTARS, HE(CTT22)	Cartridge, 12 inch Mortar DP M1898	189812	194211

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

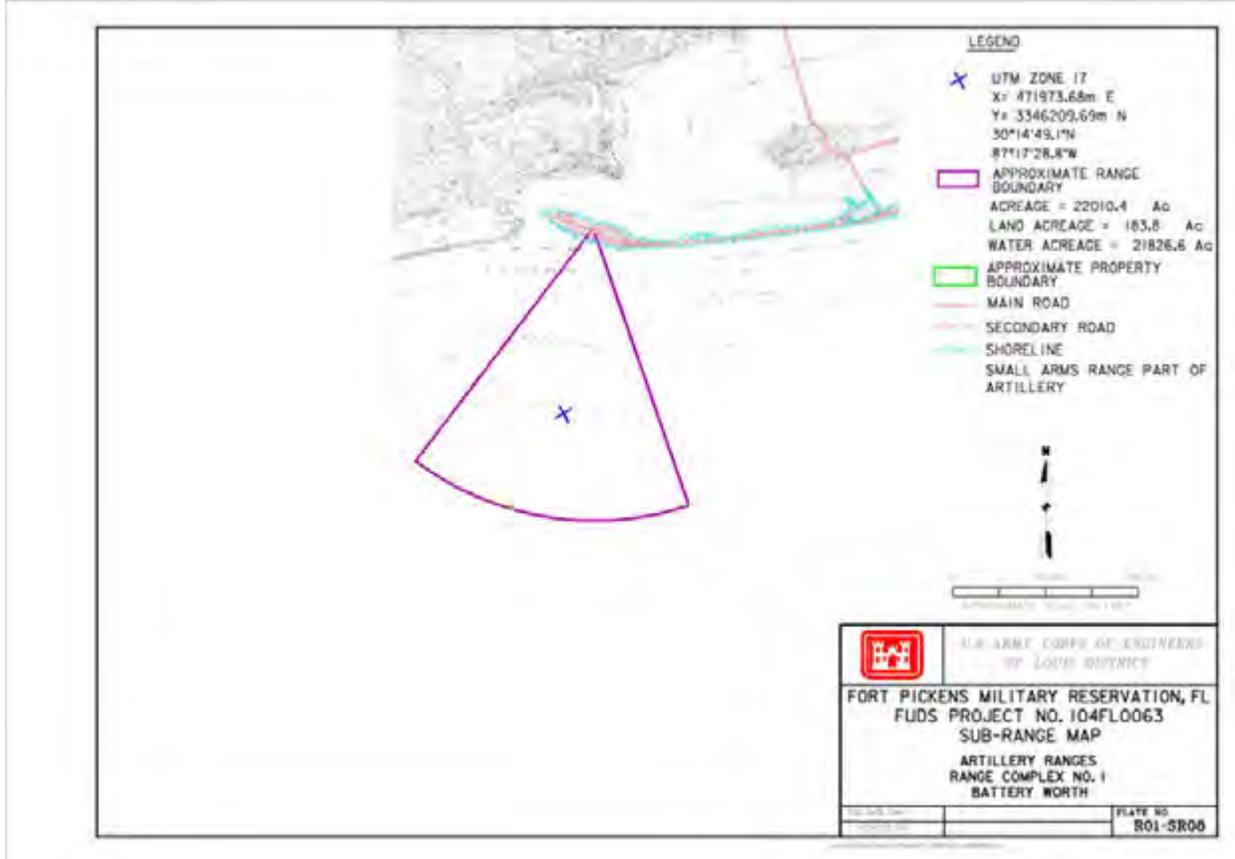
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	471973.68
UTM Y: (meters)	3346209.69
UTM ZONE:	17
Latitude:	30° 14' 49" N
Longitude:	87° 17' 29" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0108_20070911.JPG



SUB-RANGE NAME: Battery Fixed
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR09

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1918	1945	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	129.4
Tidal Water:	16040.4
Inland Water:	0
Total:	16169.8
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	16169.8
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19180301

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Fixed is located in Escambia County, FL at 30° 15' 51" N, 87° 14' 42" W

COMMENTS: Battery Fixed was constructed between November 1917 and March 1918. Two 3-inch guns (Model 1917) mounted on anti-aircraft pedestals were emplaced by June 1921. In the mid-1930's, Battery Fixed was relocated to a site east of Battery Langdon (see Appendix I-5). Construction of the new platforms for Battery Fixed several hundred yards east of Battery Langdon was initiated in August 1939 and completed in March 1940. When Battery Fixed was relocated, the battery was armed with different 3-inch guns (Model 1917 MII). In 1941 and 1945, four caliber .50 machine guns were present at the battery. On 1 April 1945, the guns were declared obsolete. WWII ended before it was determined what armament would replace them.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS - EXPENDED(CTT01)	50 Cal. Machine Gun	194101	194501
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 3 inch HE M1915	191801	194501

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

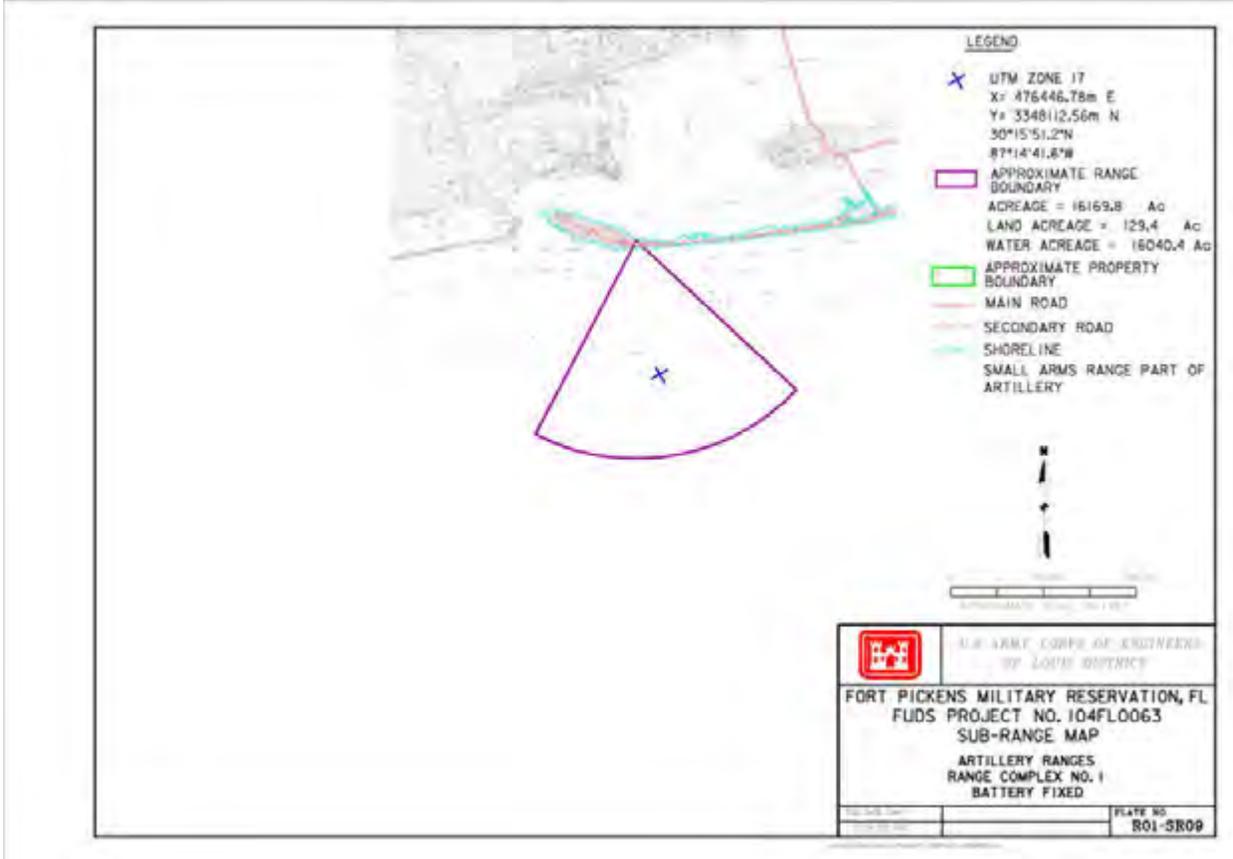
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	476446.78
UTM Y: (meters)	3348112.56
UTM ZONE:	17
Latitude:	30° 15' 51" N
Longitude:	87° 14' 42" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0109_20070912.JPG



SUB-RANGE NAME: Battery Payne
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR10

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1904	1946	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	85.7
Tidal Water:	14972
Inland Water:	0
Total:	15057.7
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	15057.7
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19040511

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Payne is located in Escambia County, FL at 30* 16' 23" N, 87* 18' 50" W

COMMENTS: Battery Payne was constructed in 1904 and ready for its armament on 11 May 1904. Soon thereafter, the two three-inch guns Model 1902 R.F were mounted. In the spring of 1913, Gun No. 16 and its carriage was dismantled from Battery Payne. In August 1913, Gun No. 29 and its carriage were moved from Battery Trueman to Battery Payne. In the summer of 1916, Gun No. 16 was returned and mounted in Battery Trueman. Ten months after V-J Day, the two 3- inch guns and carriages were marked for disposal. In October 1941, Battery Payne was identified as being retained as part of the modernization program for the Harbor Defenses of Pensacola. , , , In 1945, two caliber .50 machine guns were installed at Battery Payne. On 27 June 1946, the three inch guns and carriages were dismantled and turned over to the post salvage officer for disposal.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 3 inch Common Steel for Field Gun M1902	190405	194606

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

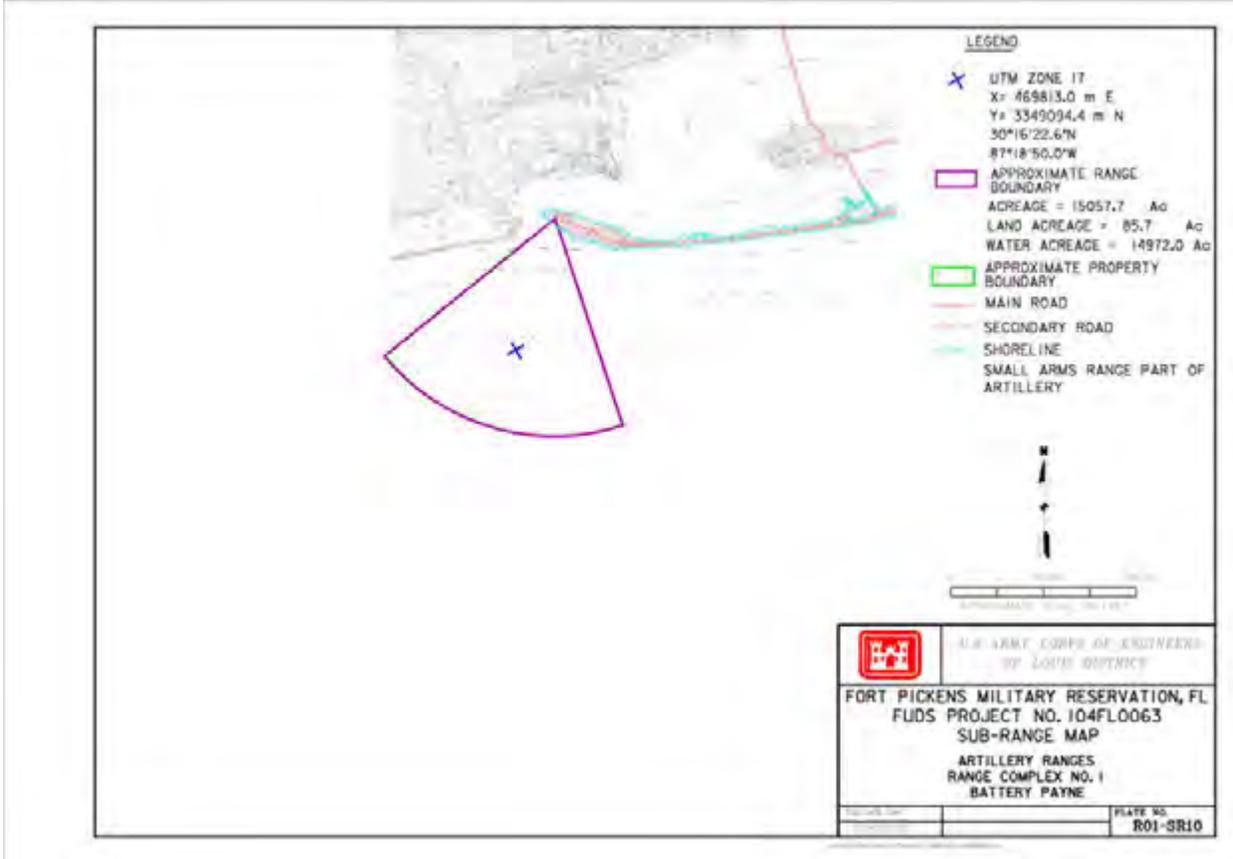
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	469813.00
UTM Y: (meters)	3349094.40
UTM ZONE:	17
Latitude:	30° 16' 23" N
Longitude:	87° 18' 50" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0110_20070912.JPG



SUB-RANGE NAME: Battery Trueman
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR11

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1904	1943	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	193
Tidal Water:	13435.8
Inland Water:	0
Total:	13628.8
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	13628.8
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19041201

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Trueman is located in Escambia County, FL at 30* 16' 32" N, 87* 18' 48" W

COMMENTS: Battery Trueman was completed in the winter of 1904 and mounted two 3-inch rapid-fire guns (Model 1902) on pedestal mounts. The two 3-inch guns were relocated to Battery Cullum in 1943. , It was proposed in November 1942 to install two 37-mm guns on top of Battery Trueman. In 1945, two caliber .50 machine guns were installed at the Battery.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 3 inch Common Steel for Field Gun M1902	190412	194301

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCAION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

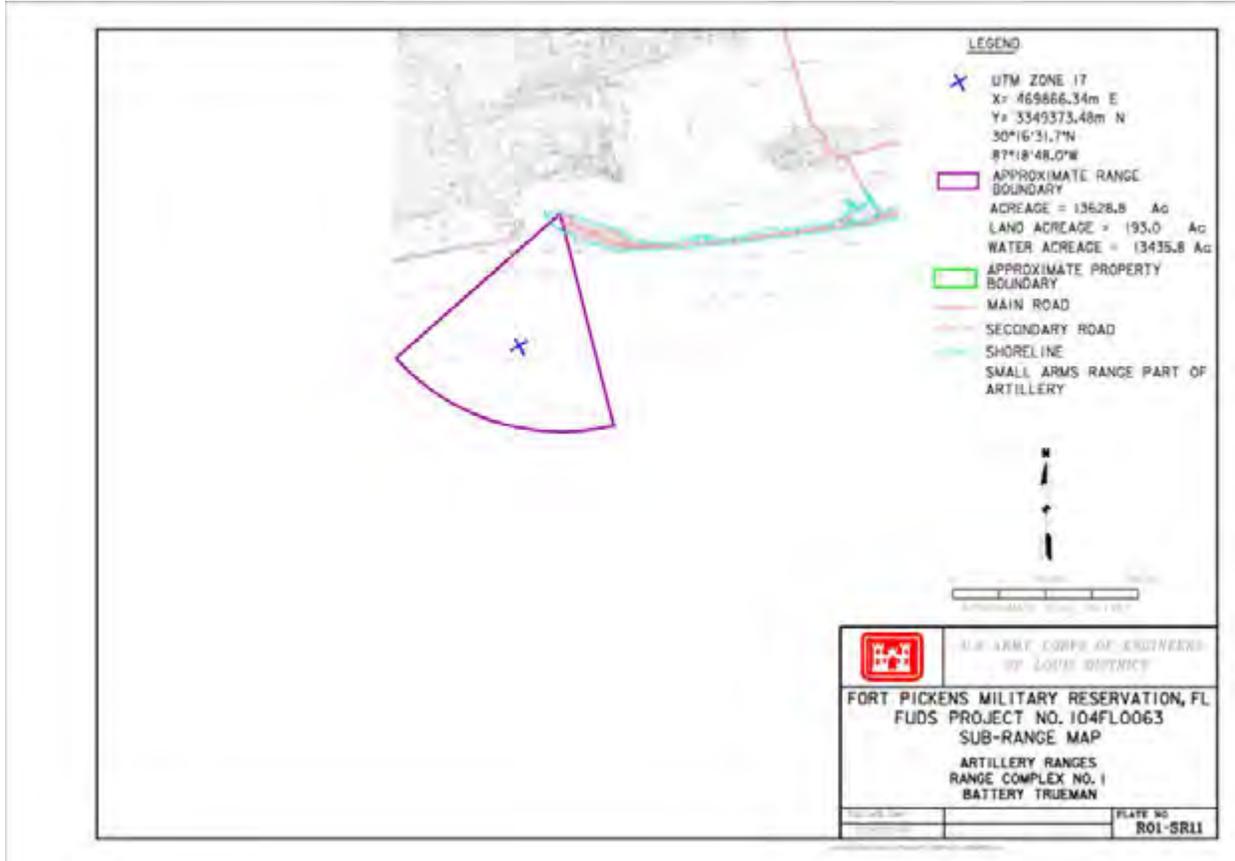
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	469866.34
UTM Y: (meters)	3349373.48
UTM ZONE:	17
Latitude:	30° 16' 32" N
Longitude:	87° 18' 48" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0111_20070912.JPG



SUB-RANGE NAME: 1800's Batteries
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR12

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1861	1898	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	774.4
Tidal Water:	5566.8
Inland Water:	0
Total:	6341.2
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	6341.2
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18610401

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: The 1800's Batteries are located in Escambia County, FL at 30* 18' 30" N, 87* 17' 52" W

COMMENTS: During the Civil War, a number of outlying batteries were hastily erected in April 1861 and subsequent months to assist in the defense of Fort Pickens. Battery Scott was constructed at the southwestern point of Santa Rosa Island opposite Fort McRee and mounted two 10-inch columbiads and one 42-pounder rifle en barbette and two 10-inch seacoast mortars. Battery Cameron was located approximately 580 yards west of Fort Pickens on the bay side of the island and had two 10-inch columbiads en barbette. Battery Lincoln was constructed about 803 yards west of the fort on Pensacola Bay and mounted four 8-inch seacoast howitzers, one 42-pounder rifle mounted en barbette, and two 10-inch seacoast mortars. Battery Totten was located approximately 400 yard west of Fort Pickens on the Gulf side and contained one 13-inch and one 12-inch seacoast mortar. One 10-pounder Parrott was mounted on the "Spanish fort

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

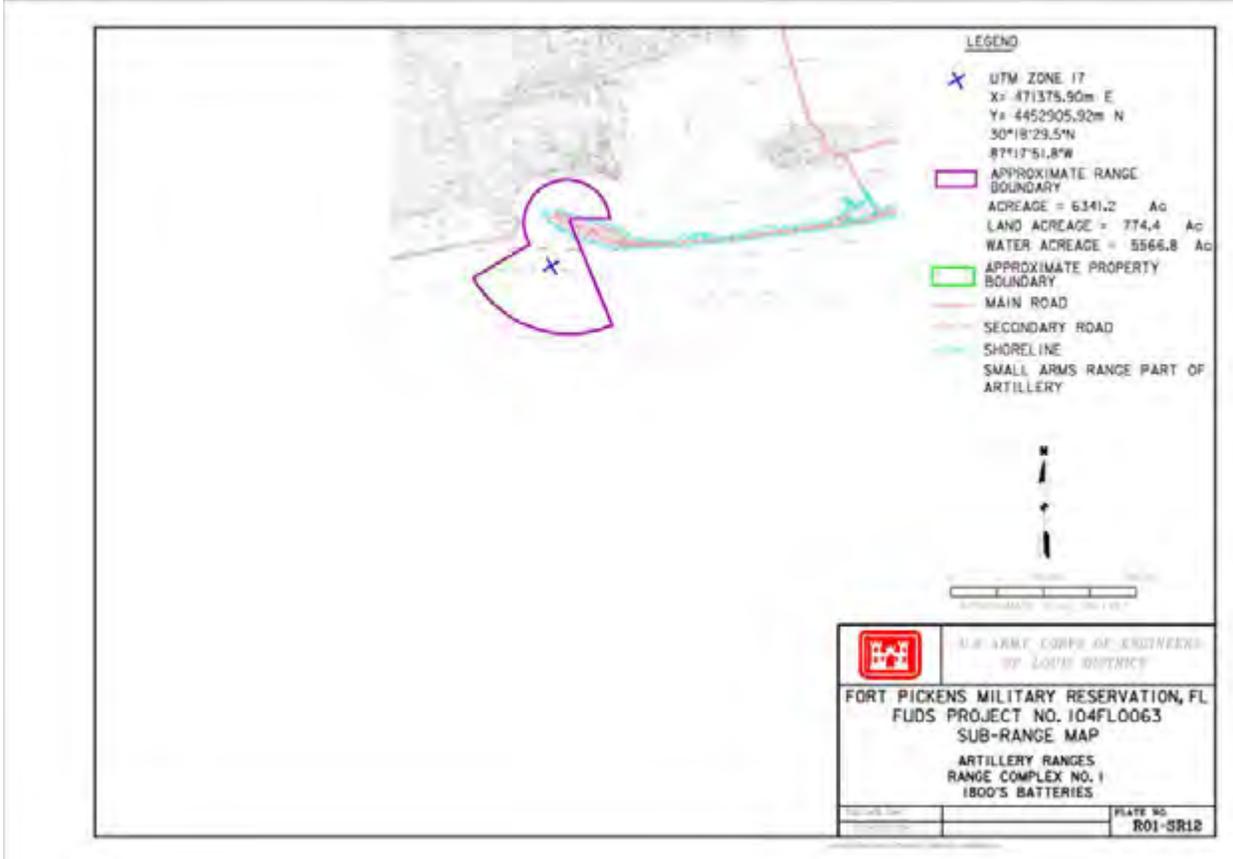
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HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 10 inch Civil War	186104	189812
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Projectile, 42 lb Common Civil War	186104	189812
MORTARS, HE(CTT22)	Projectile, 12 inch BL 1,000 lb Model 1895	189501	189812

SUB-RANGE MAP: FL9799F4360_SR_MAP_0112_20070912.JPG



SUB-RANGE NAME: Battery 234
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR13

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1943	1946	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	158.7
Tidal Water:	16329.7
Inland Water:	0
Total:	16488.4
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	16488.4
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19430901

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery 234 is located in Escambia County, FL at 30* 16' 49" N, 87* 17' 48" W

COMMENTS: The 6-inch guns for Battery No. 234 were never received. In the summer of 1947, the carriages and shields were demilitarized, mutilated, and sold for scrap. In 1945, two 37-mm guns and four caliber .50 machine guns were installed at Battery 234.

Unlike training ranges these sites were established for national defense, therefore, would not have been subject to range regulations. The fans typically found on historical maps generally represent sectors of fire (the sector/area in which a particular gun (or guns) was responsible). Sectors were used to ensure total coverage in the event of an attack. The danger area for an artillery range, which is based on the caliber of ammunition, consists of the impact area and danger areas to the rear, sides, and fronts. Without information concerning the charge used, the impact area extends out to the maximum range of the weapons, and truncated based upon nearness to the civilian population.

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HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS - EXPENDED(CTT01)	50 Cal. Machine Gun	194301	194601
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M54	194301	194601
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	Cartridge, 37mm HE M63	194301	194601
LARGE CALIBER (37MM AND LARGER), PRACTICE(CTT21)	Cartridge, 37mm Practice M55	194301	194601

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

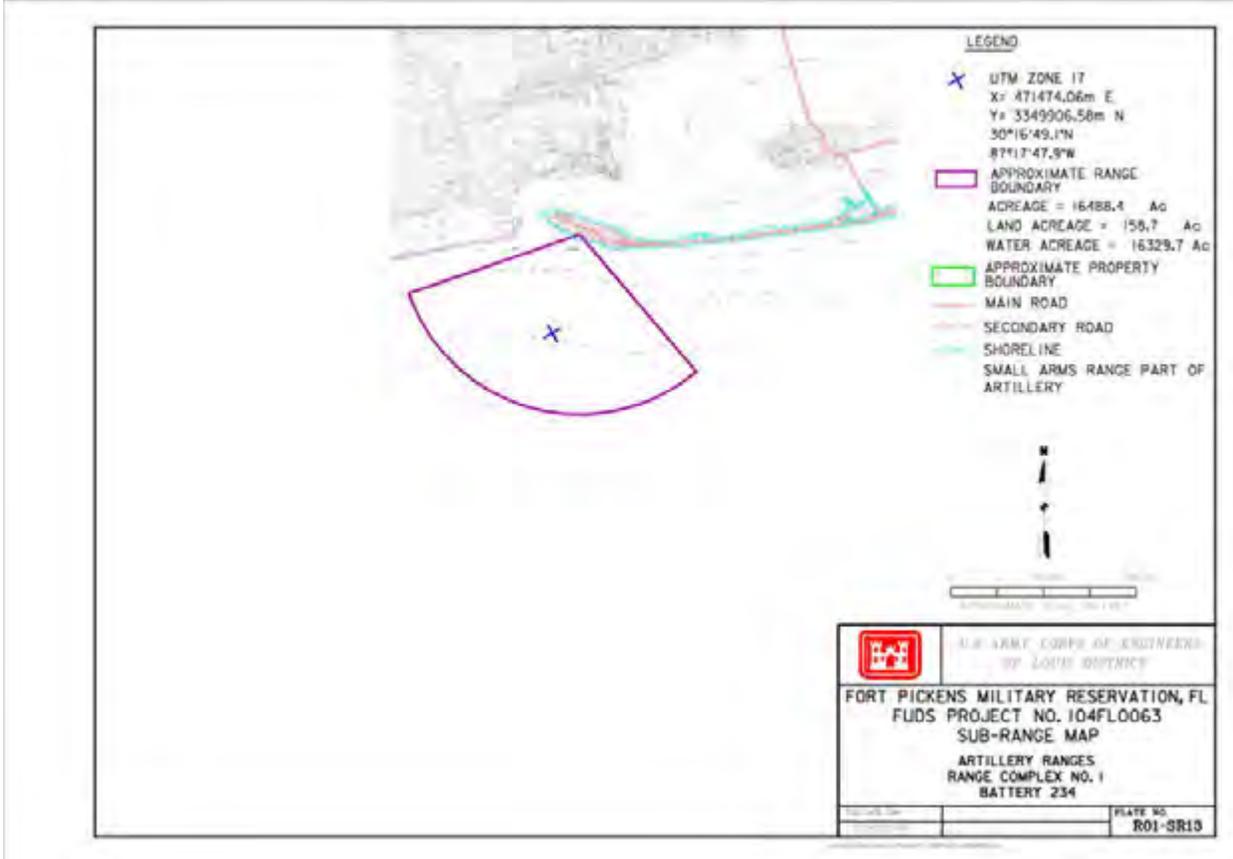
GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	471474.06
UTM Y: (meters)	3349906.58
UTM ZONE:	17
Latitude:	30° 16' 49" N
Longitude:	87° 17' 48" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0113_20070912.JPG



SUB-RANGE NAME: 600 Yard Rifle Range
Complex Name: Range Complex

RMIS Range ID: I04FL006301R01-SR14

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
SMALL ARMS	1936	1948	N/A

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1975	N/A

ACREAGE:

Land:	96.5
Tidal Water:	0
Inland Water:	0
Total:	96.5
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	96.5
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	0
Hazard Probability:	0
RAC Score:	0

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19360314

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: The 600 Yard Rifle Range is located in Escambia County, FL at 30* 19' 3" N, 87* 16' 18" W

COMMENTS: The Rifle Range was originally requisitioned on 10 July 1918. The requisition called for a 600-yard length, elevated firing points, and target pits. No backstop was required because the existing sand dunes offered protection and shooting was directed into the Gulf of Mexico. , A U.S. Marine Corps report on the condition of the range in 1939 stated that, although there were no facilities for throwing fragmentation hand grenades, such facilities could easily be constructed on, or near, the rifle range. Additionally, no facilities were available for firing the live rifle grenade (VB). The necessary facilities, however, could be constructed on, or near, the rifle range, if permission was granted by the Army. A document dated 12 February 1948 describes the range as consisting of 20 target butts, 200 and 300 yard firing lines, and a partial 500 yard firing line. According to an August 1948 Preliminary and Fire Inspection Report, indirect information indicated that the Rifle Range was used by the Army and Navy for grenade practice. It was also indicated that the Army Range Officer had cleared the range of all duds prior to deactivation.

The former Rifle Range appears to have been a known distance range with firing lines at 200, 300, 500, and 600 yards. The range is currently recognizable, although totally abandoned. The firing lines at 500 and 600 yards were not investigated during the Property Visit. The 300 yard firing line is intact but overgrown with vegetation. It is elevated approximately 3-4 feet compared to the surrounding landscape. The 200 yard firing line is also evident, but less elevated than the 300-yard line. Target frames are present, but for the most part, rotted and/or corroded nearly beyond recognition (see Appendix M). Sand has covered the target pits and much of the target frames. There is no evidence of a backstop, either man-made or natural sand dunes.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .22 Ball Long Rifle M24	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .45 Shot M12 (T23)	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Blank T1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Blank M1909	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Practice M1919	193601	194801

SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Tracer M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Ball High Pressure Test M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Dummy M1906	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Grenade M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 AP M2	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Ball M2	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Ball High Pressure Test M18	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Dummy M2	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Grenade M3	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Grenade M6	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Tracer T24	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Incendiary M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30, Guard, M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Tracer M16	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Tracer M27 (T43)	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Dummy Carbine M13	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Tracer M25 (T10)	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Ball Frangible M22	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 API M14 (T15)	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 AP M1918	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .22 Ball Short	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 AP M1922	193601	194801

SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Carbine Ball M1	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .45 Ball M1911	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .45 Ball Match M1911	193601	194801
SMALL ARMS - EXPENDED(CTT01)	Cartridge, Cal .30 Guard M1906	193601	194801

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NONE SPECIFIED	No Access Controls
L	ZONING	National Seashore

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
F	Department of Interior, National Parks Service		NO	YES

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Escambia	FL	USA

SOIL TYPE: SAND/GRAVEL SAND

TOPOGRAPHY: FLAT

VEGETATION: HEAVY GRASS WITH NUMEROUS SHRUBS

GROUNDWATER

AVG DEPTH (IN FEET)	331
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	473887.54
UTM Y: (meters)	3354025.23
UTM ZONE:	17
Latitude:	30° 19' 3" N
Longitude:	87° 16' 18" W

SUB-RANGE MAP: FL9799F4360_SR_MAP_0114_20070912.JPG

