

INPR SUPPLEMENT

INSTALLATION NAME: FORT FLAGLER MIL RES

FFID: WA9799F3289

FUDS PROPERTY NUMBER: F10WA0316

TOTAL PROPERTY ACREAGE: 807

MSC: Northwestern Division - 41504
PORT TOWNSEND, WA

POC for this data:

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DOES THE INSTALLATION HAVE ANY A/I RANGES? NO

DOES THE INSTALLATION HAVE ANY CTT RANGES? YES

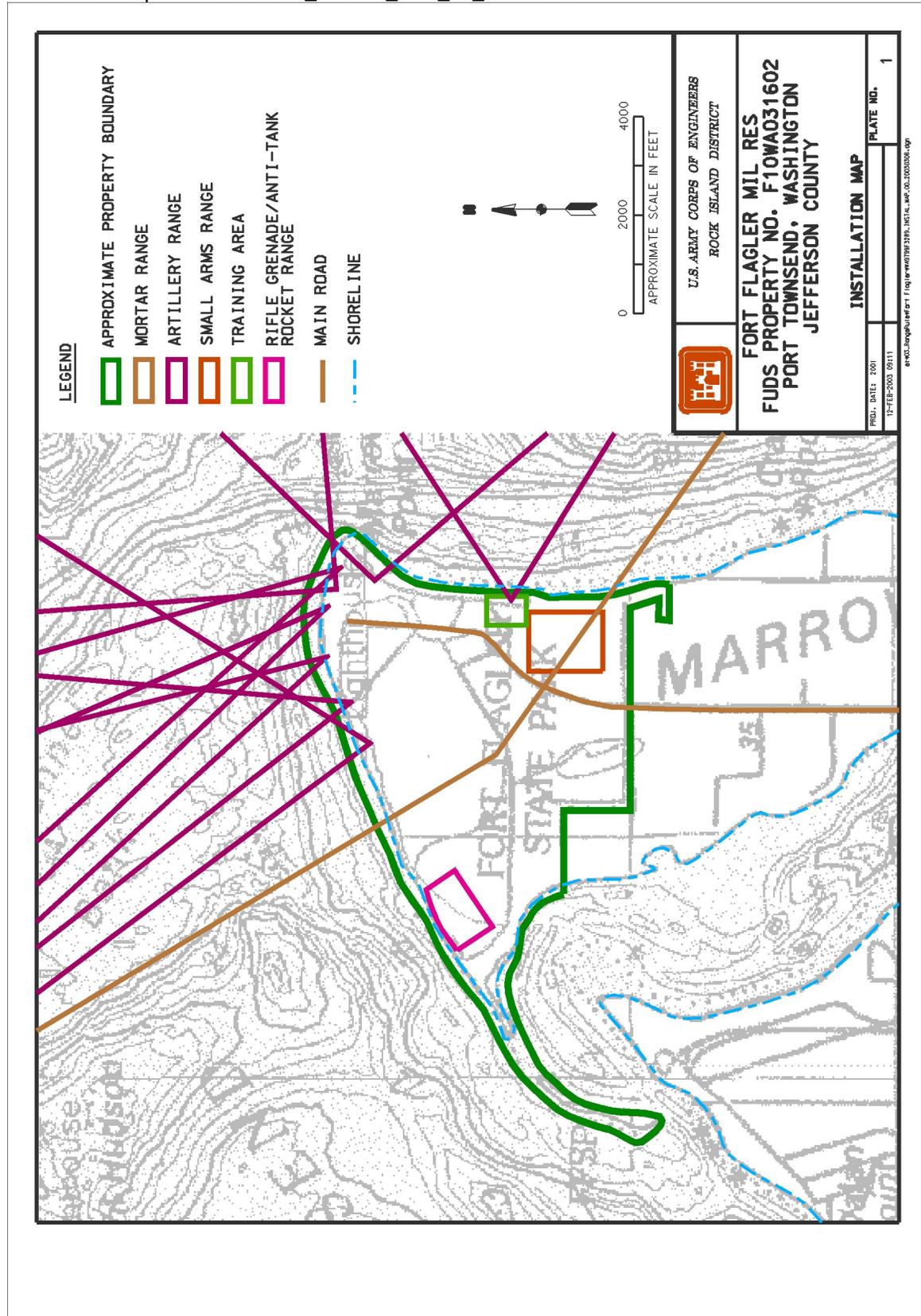
TYPES OF MUNITIONS USED ON THIS INSTALLATION: Conventional

INFORMATION IN THIS SUPPLEMENT WAS GATHERED FROM THE: INPR

MMR AREA SUMMARY						
PROJECT No.	PLATE No.	RANGE NAME	SUB-RANGE NAME	ACREAGE	AARS AOC	RMIS RANGE ID
02	R01	Range Complex		27682		F10WA031602R01
02	R01-SR01		Battery Bankhead	17973		F10WA031602R01-SR01
02	R01-SR02		Battery Calwell	5684		F10WA031602R01-SR02
02	R01-SR03		Battery Downes	5348		F10WA031602R01-SR03
02	R01-SR04		Battery Gratton	8537		F10WA031602R01-SR04
02	R01-SR05		Battery Lee	5375		F10WA031602R01-SR05
02	R01-SR06		Battery Rawlins	6844		F10WA031602R01-SR06

02	R01-SR07		Battery Revere	7320		F10WA031602R01-SR07
02	R01-SR08		Battery Wansboro	5221		F10WA031602R01-SR08
02	R01-SR09		Battery Wilhelm	8299		F10WA031602R01-SR09
02	R01-SR10		Transition Range 1	41		F10WA031602R01-SR10
02	R01-SR11		Gas Chamber	11		F10WA031602R01-SR11
02	R02	Rocket Range		25		F10WA031602R02
02	UL01	Transition Range 2		0		F10WA031602R03

Installation Map: WA9799F3289_INSTAL_MAP_00_20030308.JPG



INSTALLATION NAME
FORT FLAGLER MIL RES
PORT TOWNSEND, WA

FUDS PROJECT
F10WA031602 - ASR

PROJECT COMMENTS: Fort Flagler originally consisted of 544.35 acres obtained by Executive Orders dated 22 September 1866 and 14 November 1896. 262.5 acres were acquired by fee and condemnation between 1896 and 1909. Between 1841 and 1952, 5.85 acres were acquired by permit, bringing the total acreage of Fort Flagler to 812.7 acres.

Fort Flagler was originally a U.S. Army coastal artillery battery designed to protect Puget Sound. Construction of the battery began in 1897 and was completed in 1907. The fort was placed on caretaker status in 1937. However, the fort saw continued use for many more years. From 1940 to 1943, two artillery regiments were based at the fort. From 1945 to 1954, the fort was used for training engineers and amphibious units. In 1954, the site was declared surplus and turned over to GSA. Fort Flagler never participated in any engagements.

There were several disposal actions between 1955 and 1959. The largest portion of the site, 766.44 acres, was transferred to the State of Washington. Currently, the majority of the site is still owned by the State of Washington and is used as a state park, Fort Flagler State Park. In 1975, Fort Flagler was placed on the National Register of Historic Places.

Fort Flagler was certified as being decontaminated on 16 June 1954 and again in August 1959. However, in March 1992, a Time Critical Removal Action was performed on a suspected rocket impact area on Fort Flagler. The project area consisted of approximately 25 acres. OE cleared from the area included 3 live 2.36 inch rockets with warheads and several pieces of inert OE such as expended 2.36 inch rocket motors, 3.5 inch rocket debris and inert mines.

MMR AREA NAME: Range Complex

RMIS Range ID: F10WA031602R01

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1941	2 - 10 inch M1888 MII guns
ARTILLERY	1899	1942	2 - 12 inch M1888 MII guns
ARTILLERY	1899	1917	2 - 3 inch M1903 guns
ARTILLERY	1899	1917	2 - 3 inch M1908 guns
ARTILLERY	1899	1918	2 - 5 inch M1897 guns
ARTILLERY	1899	1917	2 - 6 inch M1905 guns
ARTILLERY	1899	1917	4 - 6 inch M1903 guns
MORTAR	1899	1942	8 - 12 inch mortars M1890
SMALL ARMS	1942	1954	Transition Range - Table 8
TRAINING AREA/MANEUVER AREA	1942	1954	dates of use unknown; gas chamber; formerly Battery Wansboro

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1917	N/A
Recreational	1954	Fort Flagler State Park
Recreational	1955	State Park

ACREAGE:

Land:	550
Tidal Water:	27132
Inland Water:	0
Total:	27682
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	27682
Not Suspected:	0

RISK ASSESSMENT CODE:

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

CLASSIFICATION(S):

Training

CLASSIFICATION(S):
Small Arms Range

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Range Complex consists of 9 coastal artillery batteries along the shoreline of Fort Flagler. Range fans extend beyond site boundaries. . Site is a public park.

COMMENTS: Range Complex consists of 9 coastal artillery range fans, one small arms range and a gas chamber area. The 9 coastal artillery batteries existed between 1899 and 1942 and consisted of 3", 5", 6", 10" and 12 " guns and 12 " mortars. The small arms range and gas chamber area were used from approximately 1942 to 1955. The range fans for the coastal artillery batteries were created using reasonable right and left limits and range limits based on nearest shore or gun maximum range. The small arms range fan was based on documented range size. The gas chamber area was taken to be the area immediately surrounding the chamber. These range fans intersect each other, and the coastal artillery battery range fans extend beyond site boundaries.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS(CTT01)	Small Arms, General	194201	195412
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	10-inch, AP, Mk III	189909	191807
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	12-inch, AP, Mk 18	189909	194212
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	3-inch, HE. MkIX	189909	191711
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	5-inch AP	189909	191810

LARGE CALIBER (37MM AND LARGER), HE(CTT18)	6-inch, AP, Mk XXXIII	189909	191711
LARGE CALIBER (37MM AND LARGER), PRACTICE(CTT21)	5-inch, TP (Cast Iron)	189909	191810
MORTARS, PRACTICE(CTT25)	12-inch, TP, M1907	189909	194212
RIOT CONTROL AGENTS(CTT36)	Grenade, CN-1, ABC-M25A1	194201	195412
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	12-inch, TP, Mk 19	189909	194212
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	3-inch, TP, Mk VII	189909	191711
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	6-inch, TP, M1911	189909	191711

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
O	open water		NO	NO
S	Fort Flagler State Park		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

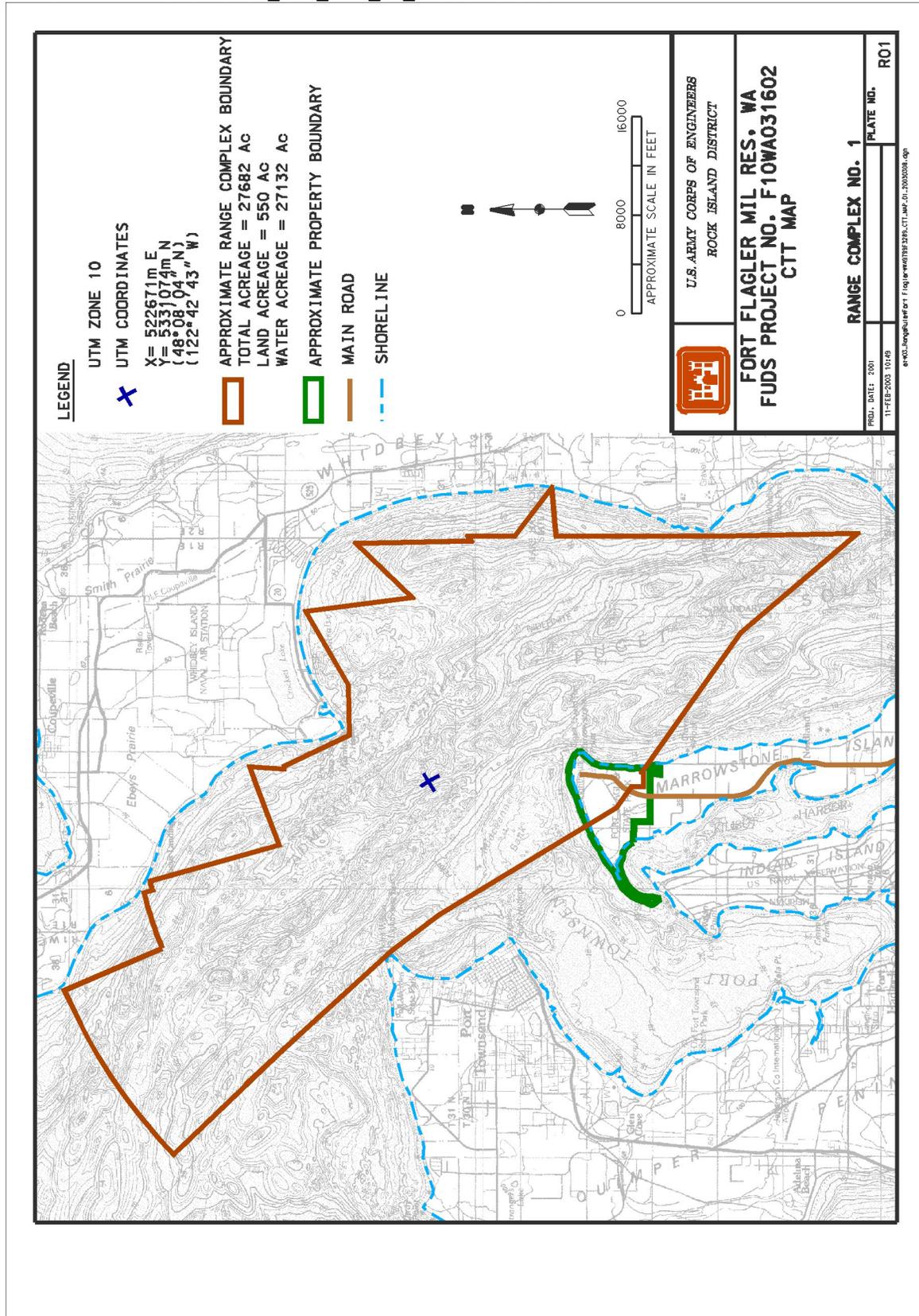
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM: NAD83
UTM X: (meters) 522671.00
UTM Y: (meters) 5331074.00
UTM ZONE: 10
Latitude: 48° 7' 57" N
Longitude: 122° 41' 43" W

RANGE MAP: WA9799F3289_CTT_MAP_01_20030308.JPG



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

RMIS Range ID: F10WA031602R01-SR01

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
MORTAR	1899	1942	8 - 12 inch mortars M1890

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1942	N/A
Recreational	1955	State Park

ACREAGE:

Land:	507
Tidal Water:	17466
Inland Water:	0
Total:	17973
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	17973
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	B
RAC Score:	5

(RAC OVERRIDE: Coastal Fort)
(RAC OVERRIDE: No DOD Action Initiated)

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Bankhead was a 12 inch mortar battery in the center of Fort Flagler. Range fan extends beyond site boundaries and overlaps with other range fans. . Site is a public park.

COMMENTS: Battery Bankhead was a coastal mortar battery consisting of eight 12 inch mortars used from approximately 1899 to 1942. A specific range fan was not included in available documentation. Although these mortars have 360 degree coverage and a range up to 15,000 yards, the range fan was constructed only to cover water areas within approximately 2,000 yards where the mortars would be most effective and practical to use. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flagler. Although the mortars were never fired in battle, it is assumed the mortars would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
MORTARS, PRACTICE(CTT25)	12-inch, TP, M1907	189909	194212

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SILT/SILTY-CLAY

TOPOGRAPHY: GENTLY ROLLING

VEGETATION: FOREST

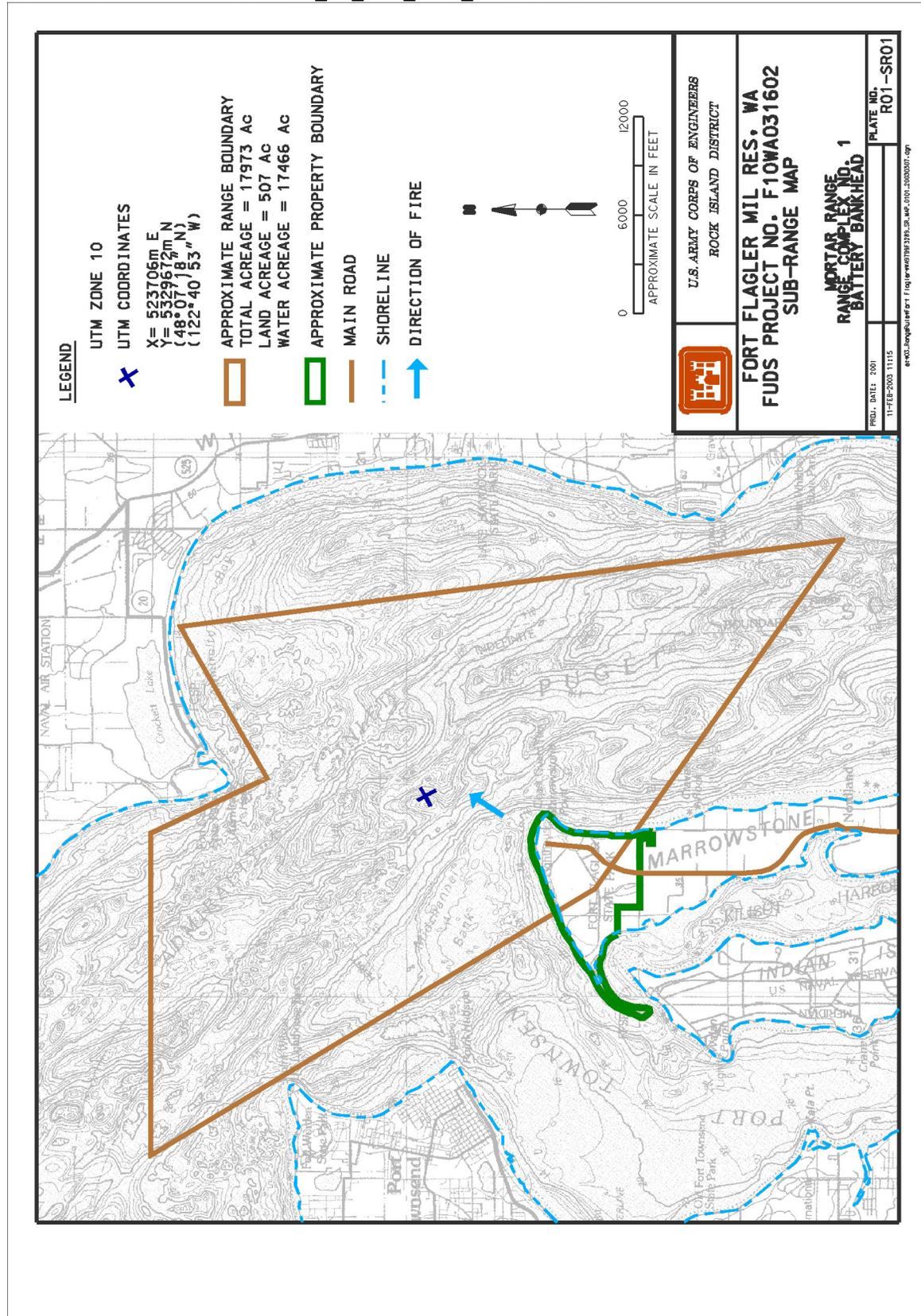
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	523706.00
UTM Y: (meters)	5329672.00
UTM ZONE:	10
Latitude:	48° 7' 11" N
Longitude:	122° 40' 53" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0101_20030307.JPG



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

RMIS Range ID: F10WA031602R01-SR02

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1917	4 - 6 inch M1903 guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1917	N/A
Recreational	1955	State Park

ACREAGE:

Land:	6
Tidal Water:	5678
Inland Water:	0
Total:	5684
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	5684
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II	
Hazard Probability:	B	
RAC Score:	5	<i>(RAC OVERRIDE: Coastal Fort)</i>
		<i>(RAC OVERRIDE: No DOD Action Initiated)</i>

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Calwell was a 6 inch gun battery along the northern shoreline of Fort Flagler. It is the westernmost battery on the site. It's range fan overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Calwell was a coastal artillery battery consisting of four 6 inch guns used from approximately 1899 to 1917. A specific range fan was not included in available documentation. Although these guns have a range up to 11,800 yards, the range fan was constructed only to cover water areas close to the fort because of topographical restrictions to the range fans and the existence of 6 other batteries covering the same general area. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	6-inch, AP, Mk XXXIII	189909	191711
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	6-inch, TP, M1911	189909	191711

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES

CT Port Townsend WA UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

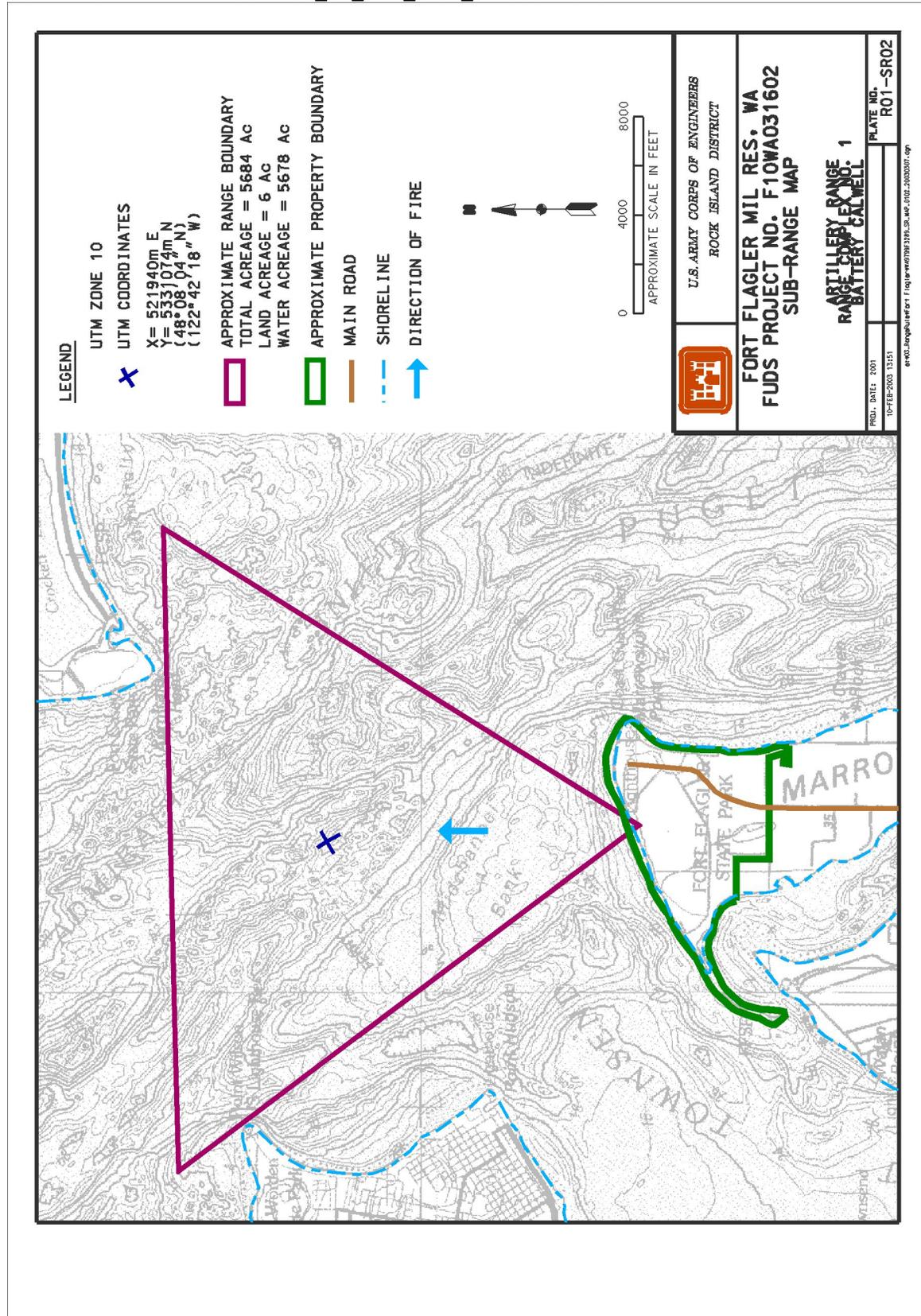
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	521940.00
UTM Y: (meters)	5331074.00
UTM ZONE:	10
Latitude:	48° 7' 57" N
Longitude:	122° 42' 18" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0102_20030307.JPG



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

RMIS Range ID: F10WA031602R01-SR03

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1917	2 - 3 inch M1903 guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1917	N/A
Recreational	1955	State Park

ACREAGE:

Land:	4
Tidal Water:	5344
Inland Water:	0
Total:	5348
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	5348
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	B
RAC Score:	5

(RAC OVERRIDE: Coastal Fort)
(RAC OVERRIDE: No DOD Action Initiated)

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Downes was a 3 inch gun battery along the northern shoreline of Fort Flagler. The second westernmost battery on the site. It's range fan overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Downes was a coastal artillery battery consisting of two 3 inch guns used from approximately 1899 to 1917. A specific range fan was not included in available documentation. Although these guns have a range up to 11,300 yards, the range fan was constructed only to cover water areas close to the fort because of topographical restrictions to the range fans and the existence of 6 other batteries covering the same general area. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	3-inch, HE. MkIX	189909	191711
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	3-inch, TP, Mk VII	189909	191711

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES

CT Port Townsend WA UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

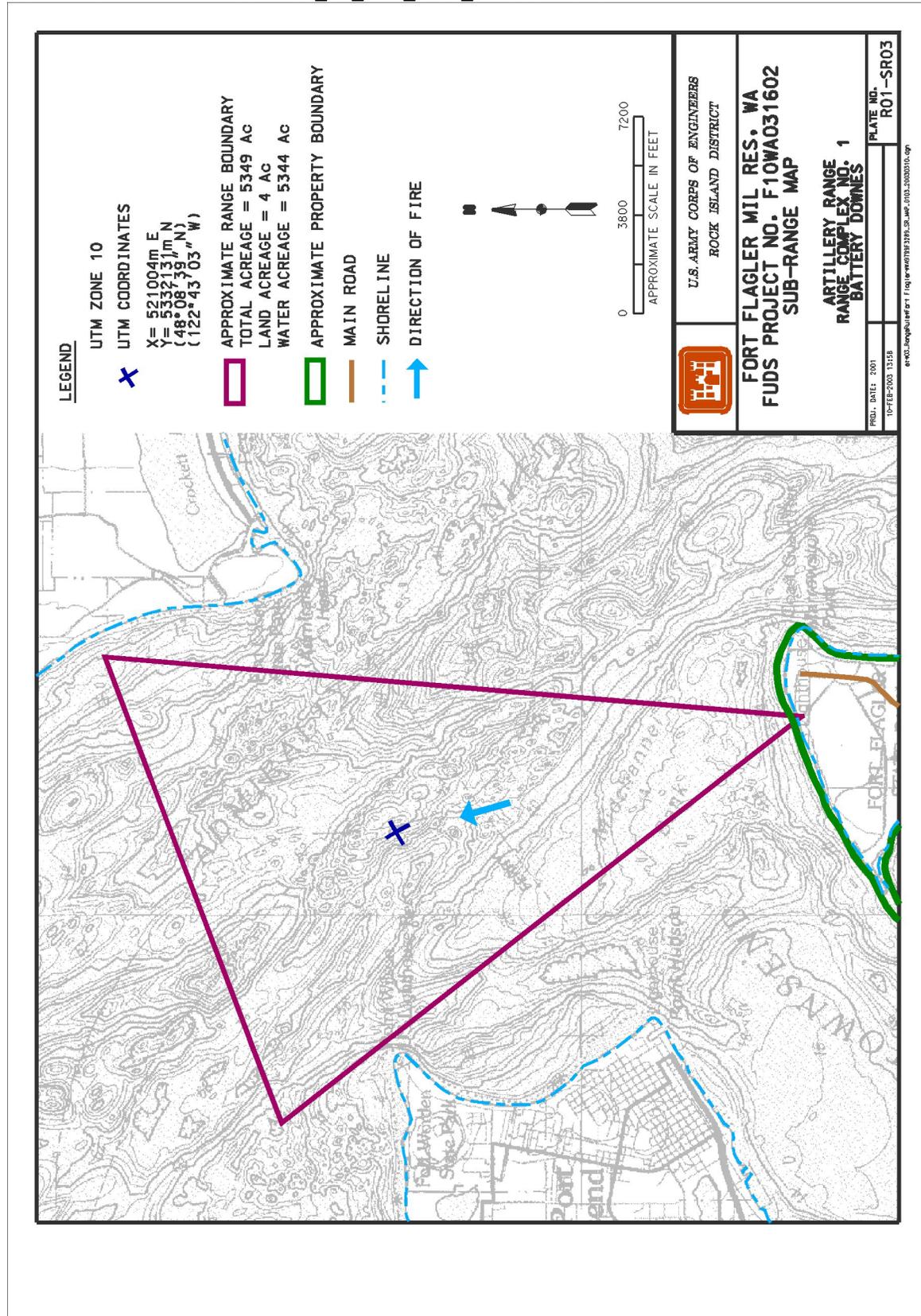
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	521004.00
UTM Y: (meters)	5332131.00
UTM ZONE:	10
Latitude:	48° 8' 31" N
Longitude:	122° 43' 3" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0103_20030310.JPG



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

RMIS Range ID: F10WA031602R01-SR04

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1917	2 - 6 inch M1905 guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1917	N/A
Recreational	1955	State Park

ACREAGE:

Land:	25
Tidal Water:	8512
Inland Water:	0
Total:	8537
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	8537
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	B
RAC Score:	5

(RAC OVERRIDE: Coastal Fort)
(RAC OVERRIDE: No DOD Action Initiated)

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Gratton was a 6 inch gun battery along the eastern shoreline of Fort Flagler about 200 yards southwest of the lighthouse. It's range fan extends overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Gratton was a coastal artillery battery consisting of two 6 inch guns used from approximately 1899 to 1917. A specific range fan was not included in available documentation. Although these guns have a range up to 11,800 yards, the range fan was constructed only to cover water areas close to the fort because of topographical restrictions to the range fans and the existence of 3 other batteries covering the same general area. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
 Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	6-inch, AP, Mk XXXIII	189909	191711
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	6-inch, TP, M1911	189909	191711

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES

CT Port Townsend WA UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

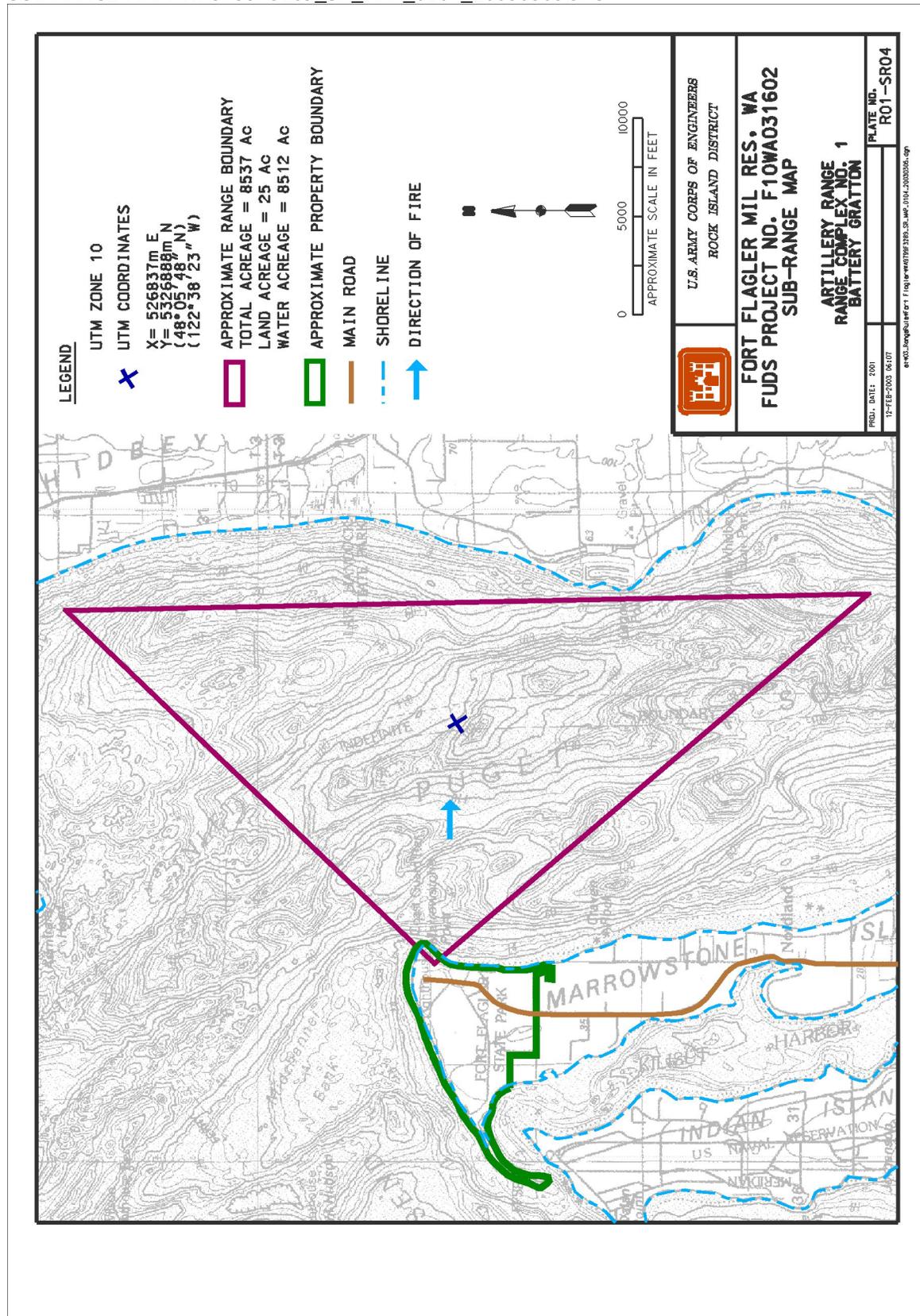
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	526837.00
UTM Y: (meters)	5326888.00
UTM ZONE:	10
Latitude:	48° 5' 40" N
Longitude:	122° 38' 22" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0104_20030305.JPG



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

RMIS Range ID: F10WA031602R01-SR05

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1918	2 - 5 inch M1897 guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1918	N/A
Recreational	1955	State Park

ACREAGE:

Land:	11
Tidal Water:	5364
Inland Water:	0
Total:	5375
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	5375
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II	
Hazard Probability:	B	
RAC Score:	5	<i>(RAC OVERRIDE: Coastal Fort)</i>
		<i>(RAC OVERRIDE: No DOD Action Initiated)</i>

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Lee was a 5 inch gun battery along the eastern shoreline of Fort Flagler about 200 yards west-northwest of the lighthouse. It's range fan overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Lee was a coastal artillery battery consisting of two 5 inch guns used from approximately 1899 to 1918. A specific range fan was not included in available documentation. Although these guns have a range up to 12,900 yards, the range fan was constructed only to cover water areas close to the fort because of topographical restrictions to the range fans and the existence of 3 other batteries covering the same general area. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
 Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	5-inch AP	189909	191810
LARGE CALIBER (37MM AND LARGER), PRACTICE(CTT21)	5-inch, TP (Cast Iron)	189909	191810

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES

CT Port Townsend WA UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

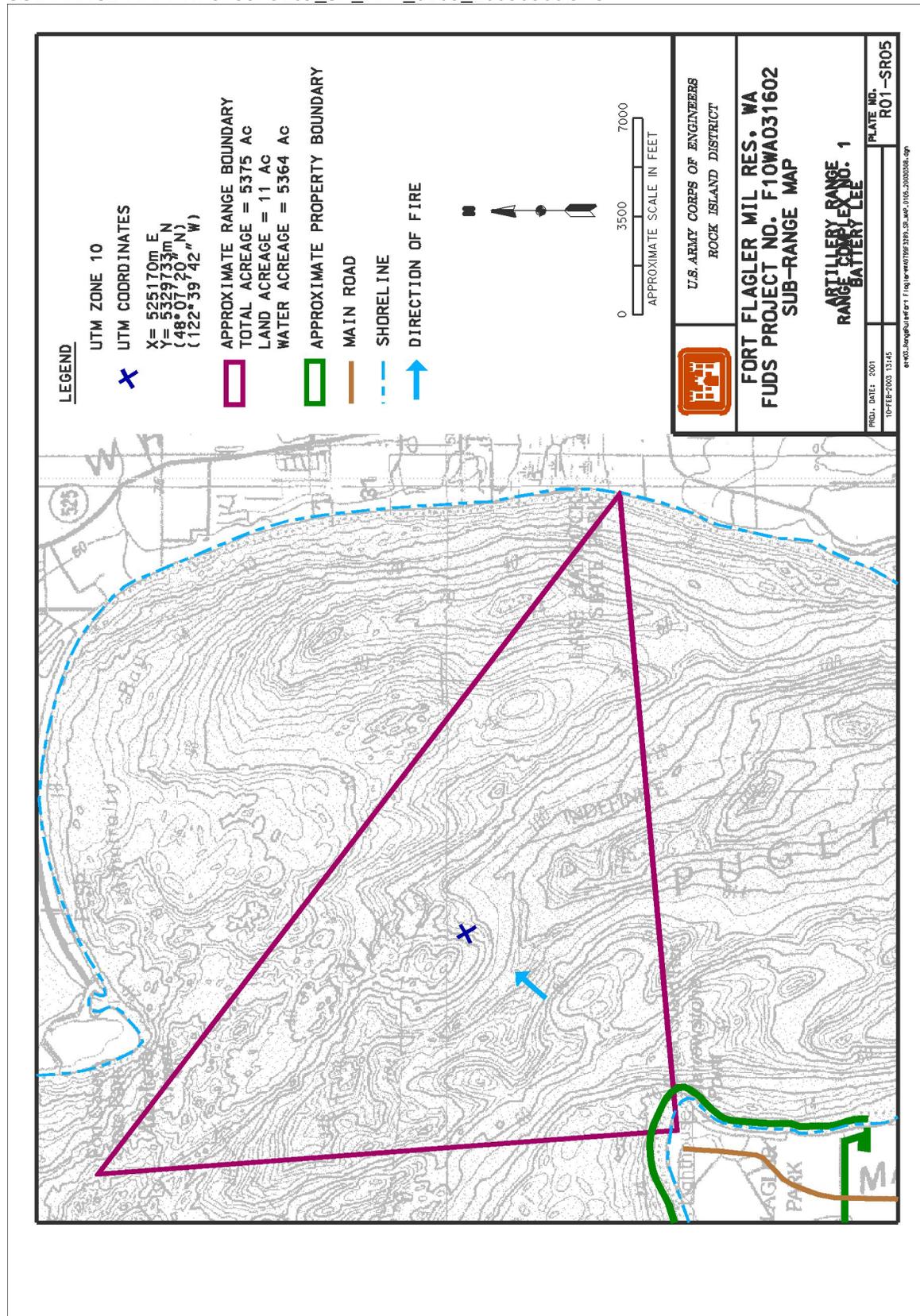
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	525170.00
UTM Y: (meters)	5329733.00
UTM ZONE:	10
Latitude:	48° 7' 13" N
Longitude:	122° 39' 42" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0105_20030308.JPG



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

RMIS Range ID: F10WA031602R01-SR06

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1918	2 - 10 inch M1888 MII guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1918	N/A
Recreational	1955	State Park

ACREAGE:

Land:	7
Tidal Water:	6837
Inland Water:	0
Total:	6844
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	6844
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	B
RAC Score:	5

(RAC OVERRIDE: Coastal Fort)
(RAC OVERRIDE: No DOD Action Initiated)

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Rawlins was a 10 inch gun battery along the northern shoreline of Fort Flagler about 500 yards due west of the lighthouse. It's range fan overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Rawlins was a coastal artillery battery consisting of two 10 inch guns used from approximately 1899 to 1918. A specific range fan was not included in available documentation. Although these guns have a range up to 12,250 yards, the range fan was constructed only to cover water areas directly north-northwest of the fort because of topographical restrictions to the range fans. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	10-inch, AP, Mk III	189909	191807

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

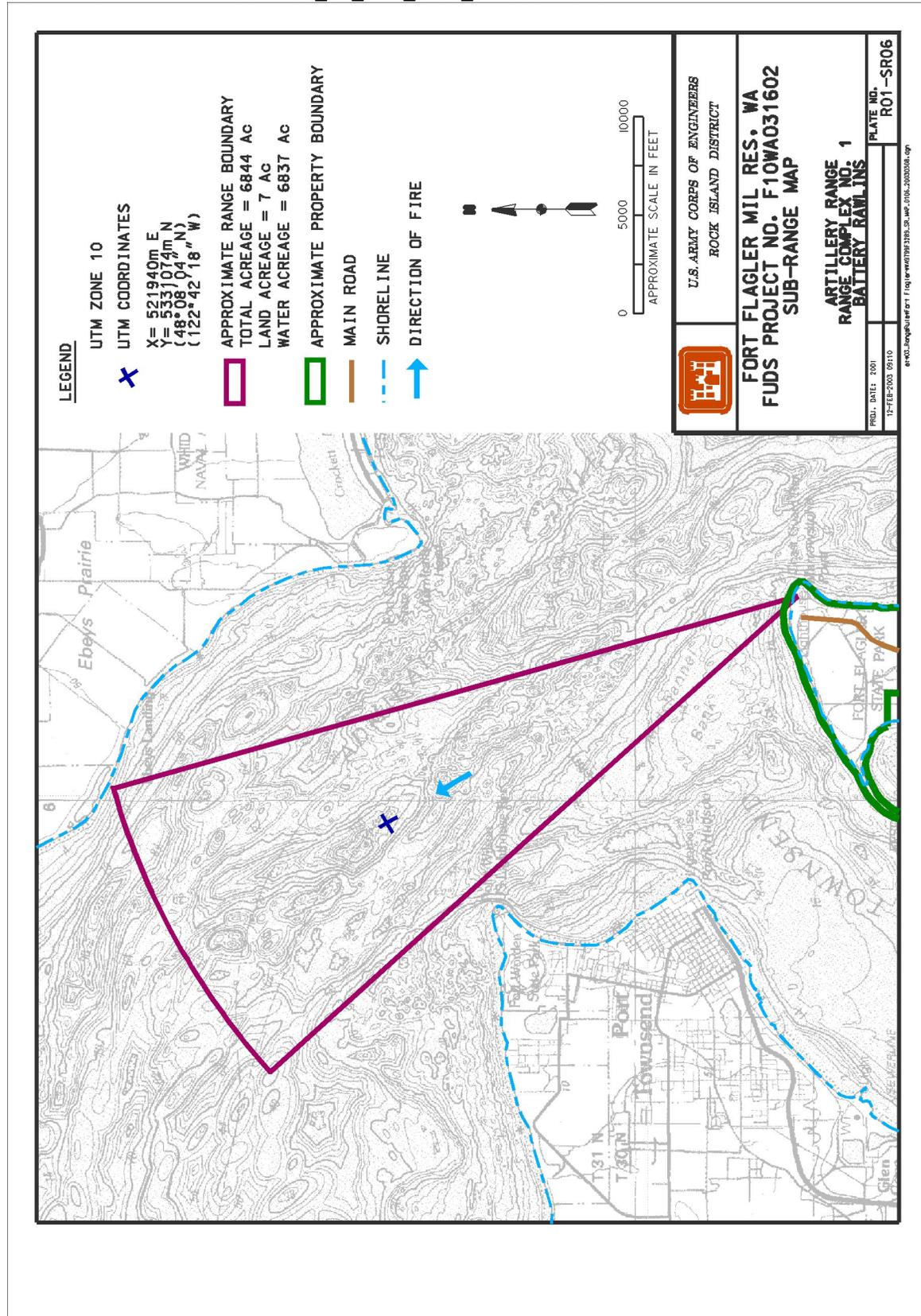
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	521940.00
UTM Y: (meters)	5331074.00
UTM ZONE:	10
Latitude:	48° 7' 57" N
Longitude:	122° 42' 18" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0106_20030308.JPG



SUB-RANGE NAME: Battery Revere

Complex Name: Range Complex

RMIS Range ID: F10WA031602R01-SR07

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1941	2 - 10 inch M1888 MII guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1941	N/A
Recreational	1955	State Park

ACREAGE:

Land:	3
Tidal Water:	7317
Inland Water:	0
Total:	7320
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	7320
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II	
Hazard Probability:	B	
RAC Score:	5	<i>(RAC OVERRIDE: Coastal Fort)</i>
		<i>(RAC OVERRIDE: No DOD Action Initiated)</i>

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Revere was a 10 inch gun battery along the northern shoreline of Fort Flagler about 700 yards due west of the lighthouse. It's range fan overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Revere was a coastal artillery battery consisting of two 10 inch guns used from approximately 1899 to 1941. A specific range fan was not included in available documentation. Although these guns have a range up to 12,250 yards, the range fan was constructed only to cover water areas directly north-northwest of the fort because of topographical restrictions to the range fans. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	10-inch, AP, Mk III	189909	191807

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	519236.00
UTM Y: (meters)	5333898.00
UTM ZONE:	10
Latitude:	48° 9' 28" N
Longitude:	122° 44' 28" W

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

RMIS Range ID: F10WA031602R01-SR08

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1917	2 - 3 inch M1908 guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1917	N/A
Recreational	1955	State Park

ACREAGE:

Land:	3
Tidal Water:	5218
Inland Water:	0
Total:	5221
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	5221
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	B
RAC Score:	5

(RAC OVERRIDE: Coastal Fort)
(RAC OVERRIDE: No DOD Action Initiated)

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Wansboro was a 3 inch gun battery along the eastern shoreline of Fort Flagler just north of the eastern shore pier. It's range fan overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Wansboro was a coastal artillery battery consisting of two 3 inch guns used from approximately 1899 to 1917. A specific range fan was not included in available documentation. Although these guns have a range up to 11,300 yards, the range fan was constructed only to cover water areas close to the fort because of topographical restrictions to the range fans and the existence of 3 other batteries covering the same general area. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
 Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	3-inch, HE. MkIX	189909	191711
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	3-inch, TP, Mk VII	189909	191711

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES

CT Port Townsend WA UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

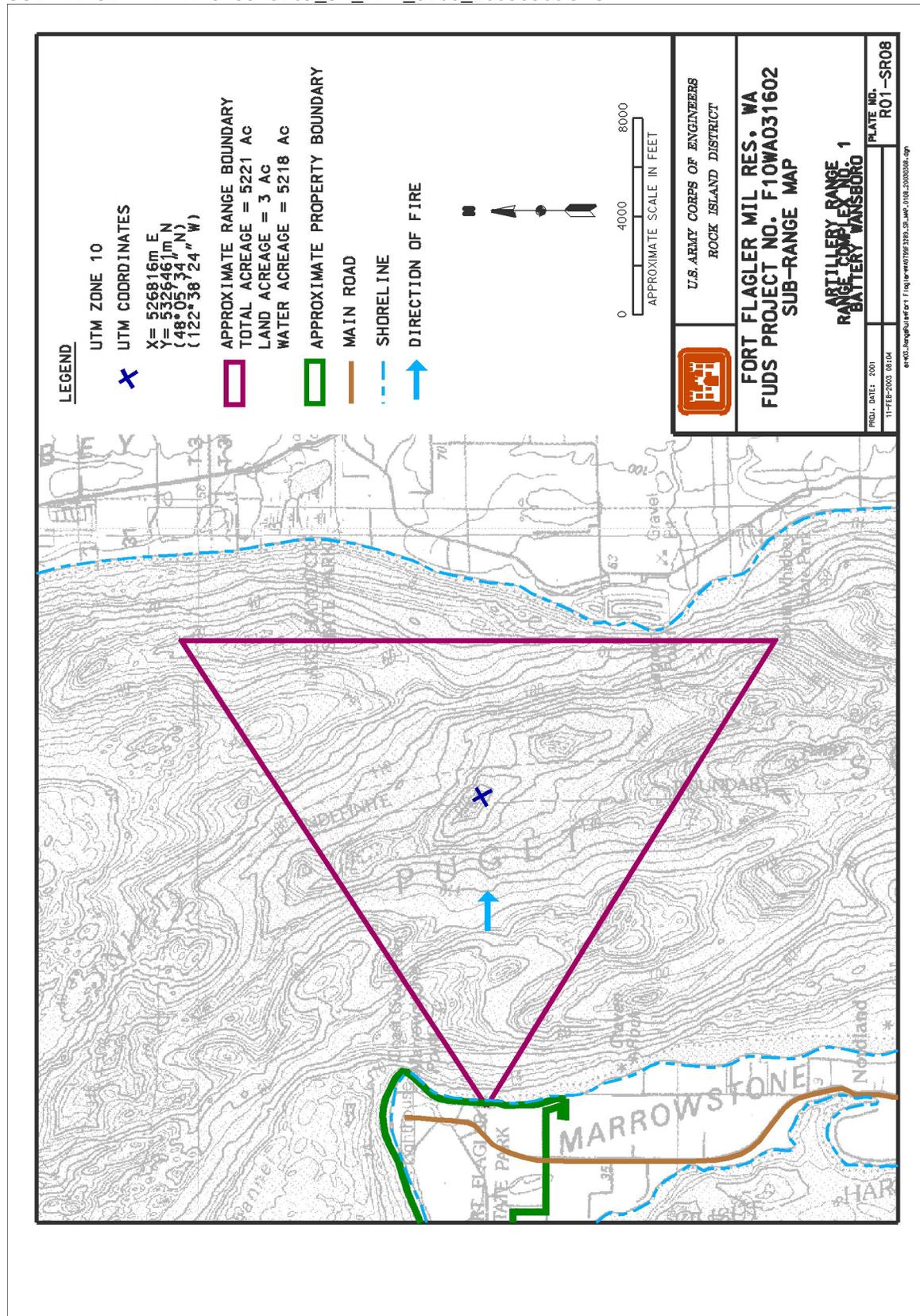
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	526816.00
UTM Y: (meters)	5326461.00
UTM ZONE:	10
Latitude:	48° 5' 27" N
Longitude:	122° 38' 23" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0108_20030308.JPG



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

RMIS Range ID: F10WA031602R01-SR09

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
ARTILLERY	1899	1942	2 - 12 inch M1888 MII guns

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Open Water	1942	N/A
Recreational	1955	State Park

ACREAGE:

Land:	4
Tidal Water:	8295
Inland Water:	0
Total:	8299
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	8299
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	II
Hazard Probability:	B
RAC Score:	5

(RAC OVERRIDE: Coastal Fort)
(RAC OVERRIDE: No DOD Action Initiated)

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 18990906

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Battery Wilhelm was a 12 inch gun battery along the northern shoreline of Fort Flagler about 600 yards due west of the lighthouse. Its range fan overlaps with other artillery range fans. . Site is a public park.

COMMENTS: Battery Wilhelm was a coastal artillery battery consisting of two 12 inch guns used from approximately 1899 to 1942. A specific range fan was not included in available documentation. Although these guns have a range up to 15,125 yards, the range fan was constructed only to cover water areas directly north-northwest of the fort because of topographical restrictions to the range fans. The range fan extends beyond site boundaries and overlaps with other coastal artillery batteries at Fort Flager. Although the guns were never fired in battle, it is assumed the guns would have been proof-fired and fired in practice. There are no reports of incidents involving OE attributable from this range at the site.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
 Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
LARGE CALIBER (37MM AND LARGER), HE(CTT18)	12-inch, AP, Mk 18	189909	194212
PRACTICE ORDNANCE (WITHOUT SPOTTING CHARGES)(CTT46)	12-inch, TP, Mk 19	189909	194212

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO
O	open water		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: WATER

VEGETATION: BARREN OR LOW GRASS

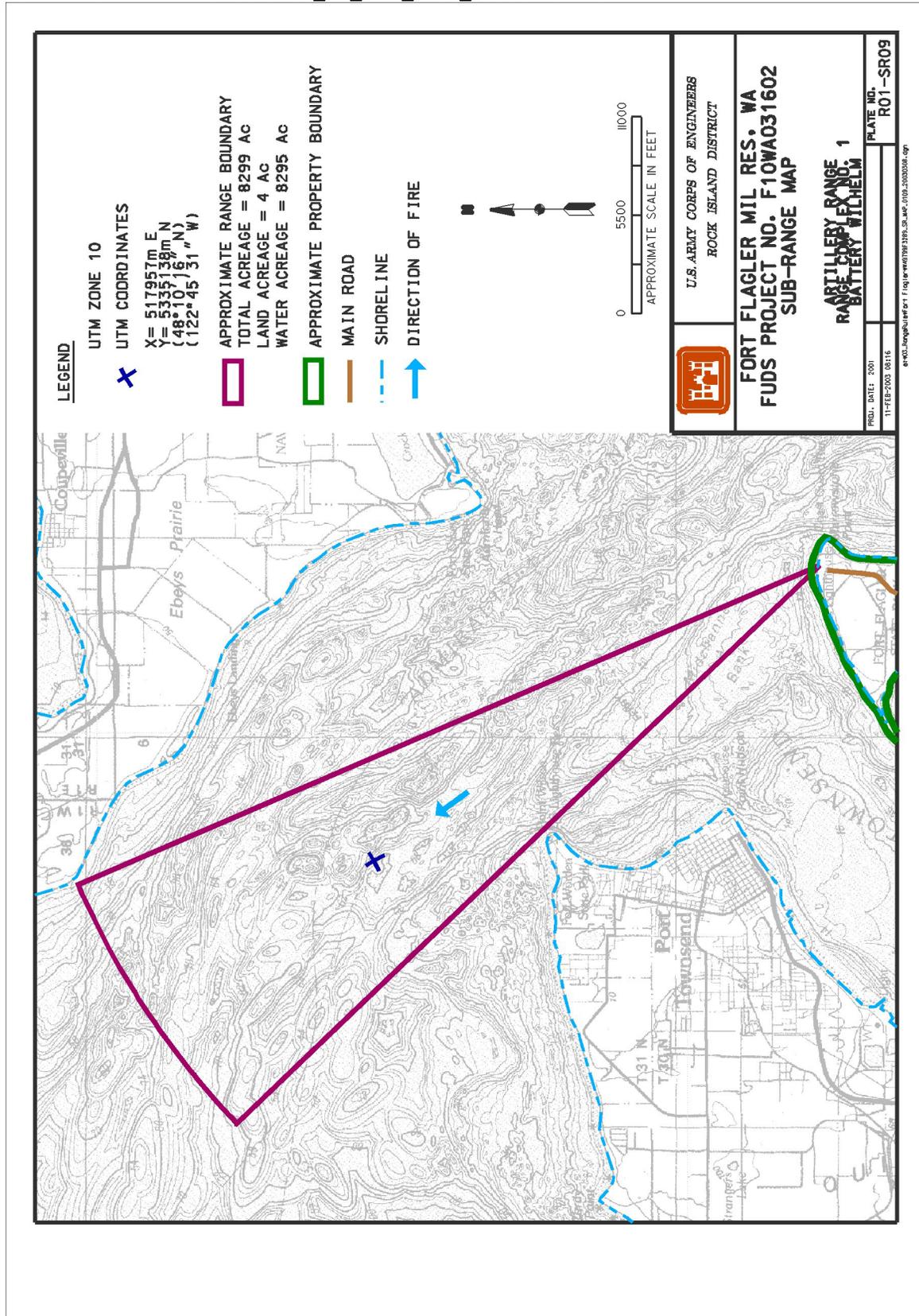
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	517957.00
UTM Y: (meters)	5335138.00
UTM ZONE:	10
Latitude:	48° 10' 9" N
Longitude:	122° 45' 30" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0109_20030308.JPG



SUB-RANGE NAME: Transition Range 1
Complex Name: Range Complex

RMIS Range ID: F10WA031602R01-SR10

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
SMALL ARMS	1942	1954	Transition Range - Table 8

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1955	Fort Flagler State Park

ACREAGE:

Land:	41
Tidal Water:	0
Inland Water:	0
Total:	41
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	41
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	V
Hazard Probability:	B
RAC Score:	5 <i>(RAC OVERRIDE: Small Arms Only Range)</i>

CLASSIFICATION(S):

Training
Small Arms Range

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19420101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Transition Range 1 is a small arms range approximately 300 yards west of the eastern shore pier. The range fan overlaps coastal artillery range fans but remains within site boundaries. . Site is a public park.

COMMENTS: Transition Range 1 was a small arms range from approximately 1942 to 1954. Exact dates of use are unknown at this time. Available documentation indicates the range was 400 x 500 yards in size with targets along a berm. Therefore the range fan was constructed to be 400 x 500 yards. The range fan overlaps range fans of former coastal artillery batteries that existed prior to the transition range. The range fan does not extend beyond site boundaries. There have been no known incidents involving OE within the range fan.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS(CTT01)	Small Arms, General	194201	195412

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: FLAT

VEGETATION: FOREST

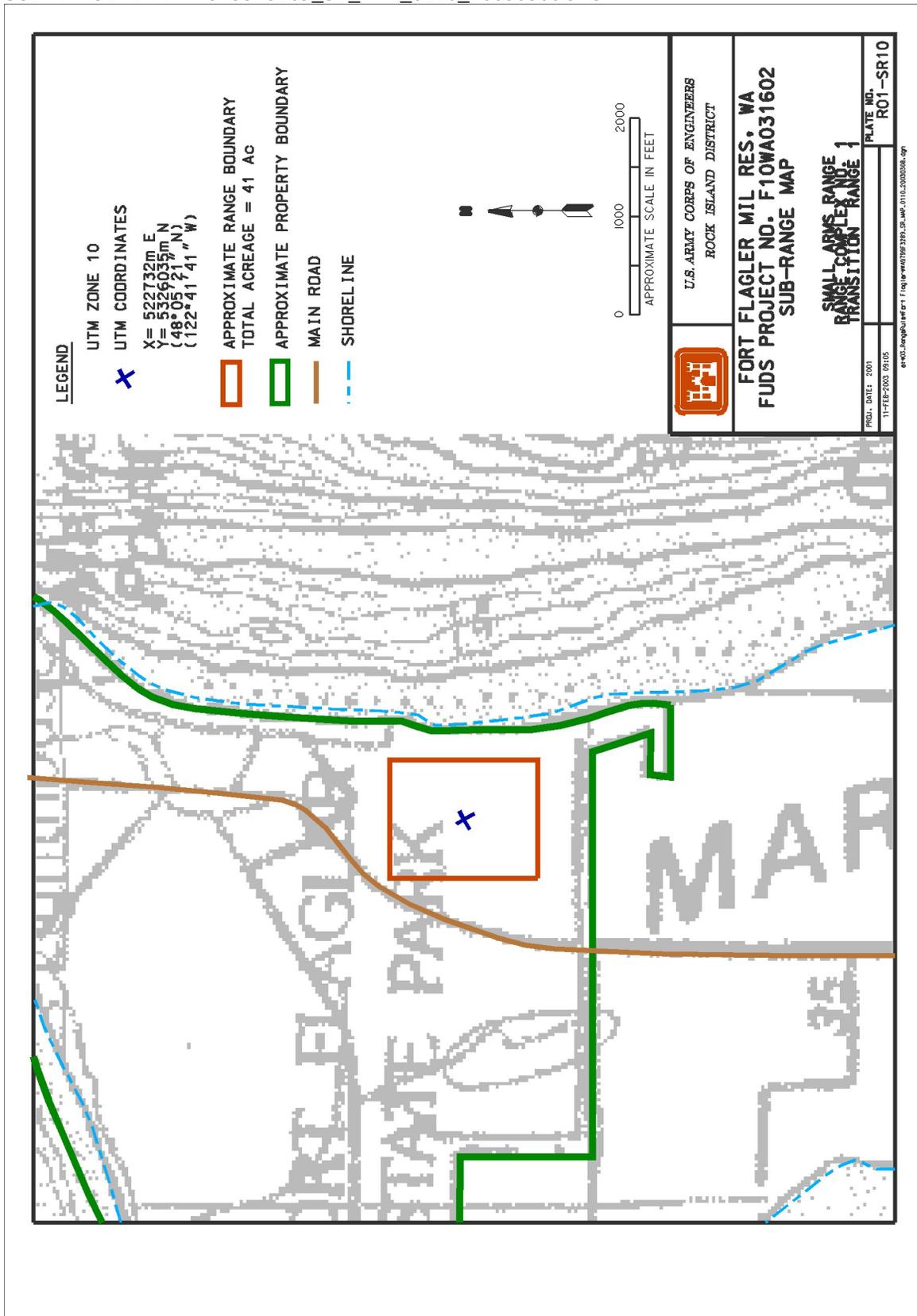
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	522732.00
UTM Y: (meters)	5326035.00
UTM ZONE:	10
Latitude:	48° 5' 13" N
Longitude:	122° 41' 41" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0110_20030308.JPG



SUB-RANGE NAME: Gas Chamber
Complex Name: Range Complex

RMIS Range ID: F10WA031602R01-SR11

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
TRAINING AREA/MANEUVER AREA	1942	1954	dates of use unknown; gas chamber; formerly Battery Wansboro

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1954	Fort Flagler State Park

ACREAGE:

Land:	11
Tidal Water:	0
Inland Water:	0
Total:	11
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	11
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	III
Hazard Probability:	B
RAC Score:	3

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19420101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Gas Chamber is located within the remains of Battery Wansboro just north of the eastern shore pier. The range fan overlaps other range fans but does not extend beyond site boundaries. . Site is a public park.

COMMENTS: The exact dates of use of Gas Chamber are unknown, but are believed to be approximately 1942 to 1954. Available documents indicate that some time after Battery Wansboro was abandoned as a coastal artillery battery, the battery was used as a gas chamber. Therefore, the area immediately surrounding the battery was determined to be the range fan boundaries for Gas Chamber. Expected ordnance use is limited to riot control agents such as CN. There have been no reports of incidents involving OE within the Gas Chamber area.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No

Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
RIOT CONTROL AGENTS(CTT36)	Grenade, CN-1, ABC-M25A1	194201	195412

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: FLAT

VEGETATION: BARREN OR LOW GRASS

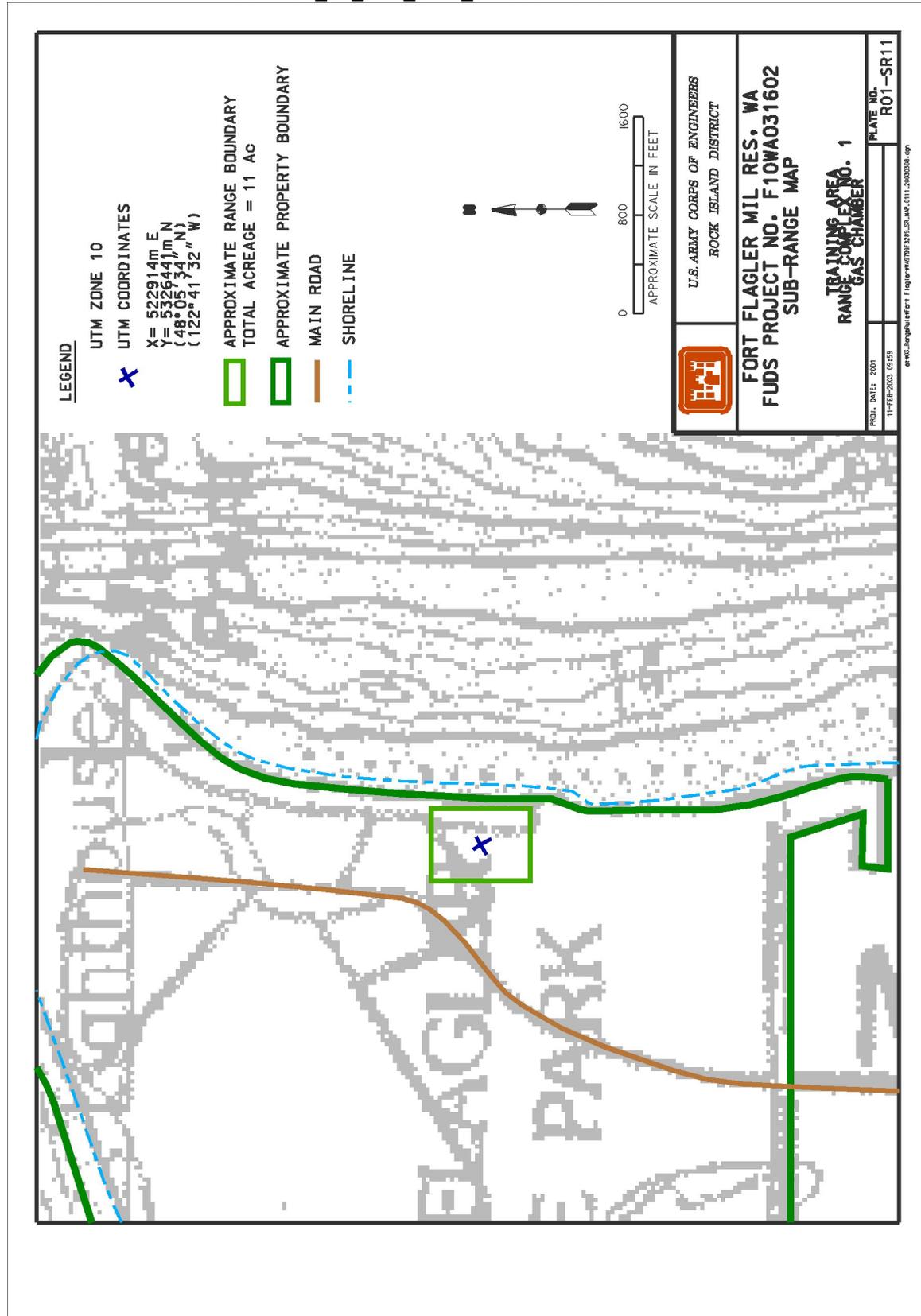
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	522914.00
UTM Y: (meters)	5326441.00
UTM ZONE:	10
Latitude:	48° 5' 26" N
Longitude:	122° 41' 32" W

SUB-RANGE MAP: WA9799F3289_SR_MAP_0111_20030308.JPG



MMR AREA NAME: Rocket Range

RMIS Range ID: F10WA031602R02

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
RIFLE GRENADE, ANTI-TANK ROCKET	1942	1954	exact dates of use unknown; removal action completed in 1992

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1955	Fort Flagler State Park

ACREAGE:

Land:	25
Tidal Water:	0
Inland Water:	0
Total:	25
Tidal Water with Public Exposure Pathway:	No

MMR ACREAGE:

Identified:	0
Suspected:	25
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	V
Hazard Probability:	B
RAC Score:	5

CLASSIFICATION(S):

Training

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19420101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: Rocket range existed in the northwest corner of the site near the northern shore pier. The range fan does not extend beyond site boundaries or overlap other range fans. . Site is a public park.

COMMENTS: The exact dates of use of Rocket Range are unknown, but are believed to be approximately 1942 to 1954. Known ordnance use in the area includes 2.36 and 3.5 inch anti-tank rockets. In 1992, a removal action was completed in the range area and the range was considered to be free of OE. The range fan was constructed to be the limits of the removal action. Since the removal action, there have been no incidents involving OE in the area.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS(CTT01)	Small Arms, General		
GROUND ROCKETS, LIVE(CTT11)	M28, Rocket, HEAT, 3.5-inch	194201	195412
GROUND ROCKETS, LIVE(CTT11)	M6A1, Rocket, HEAT, 2.36-inch	194201	195412
GROUND ROCKETS, RIFLE GRENADES, PRACTICE(CTT15)	M29, Practice Rocket, 3.5-inch	194201	195412
GROUND ROCKETS, RIFLE GRENADES, PRACTICE(CTT15)	M7A1, Practice Rocket, 2.36-inch	194201	195412

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: FLAT

VEGETATION: FOREST

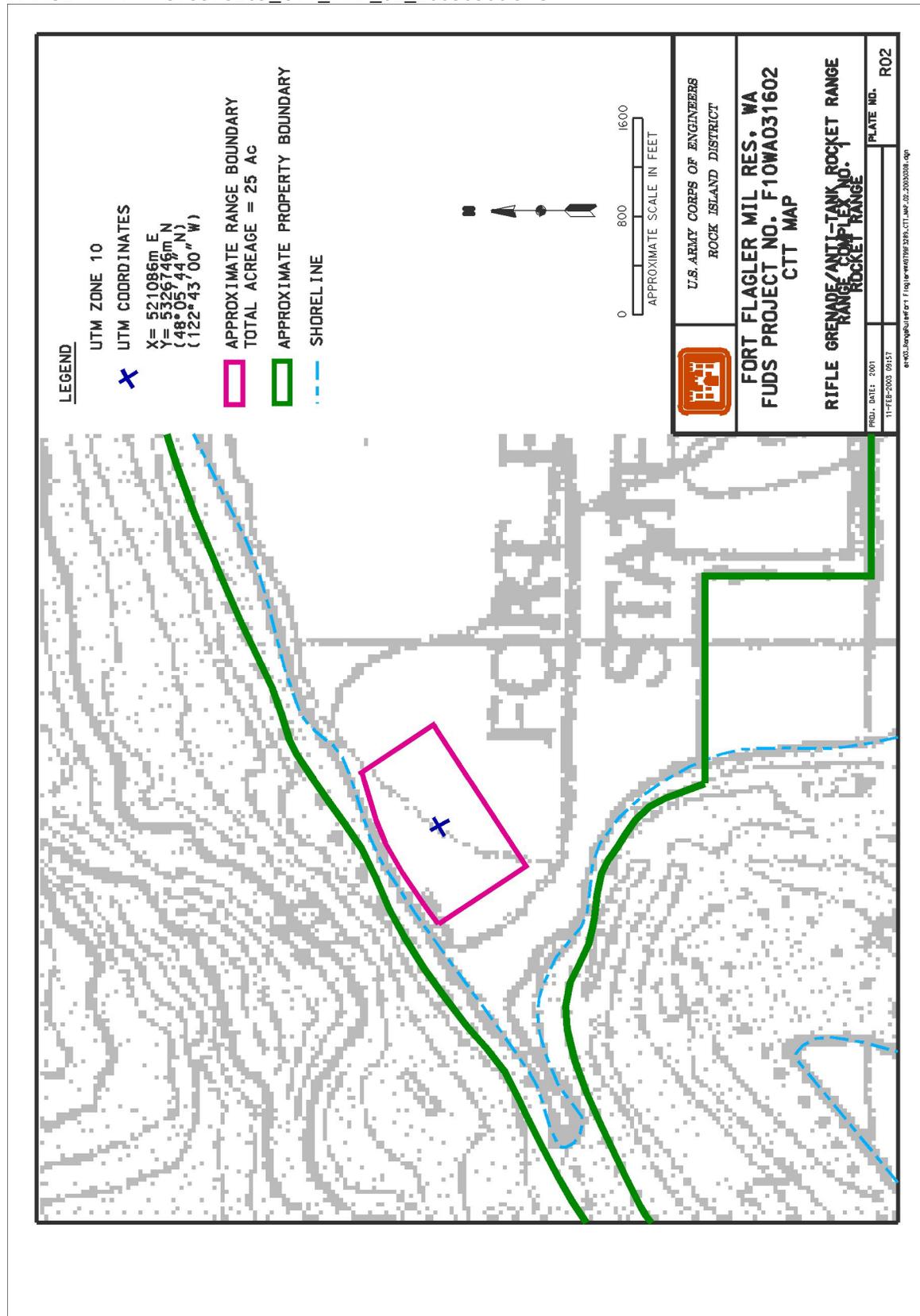
GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM:	NAD83
UTM X: (meters)	521086.00
UTM Y: (meters)	5326746.00
UTM ZONE:	10
Latitude:	48° 5' 37" N
Longitude:	122° 43' 0" W

RANGE MAP: WA9799F3289_CTT_MAP_02_20030308.JPG



MMR AREA NAME: Transition Range 2

RMIS Range ID: F10WA031602R03

HISTORIC USE:

HISTORIC USE	START YEAR	END YEAR	COMMENTS
SMALL ARMS	1942	1954	Transition Range - Table 9; location unknown

CURRENT USE:

CURRENT USE	START YEAR	COMMENTS
Recreational	1955	Fort Flagler State Park

ACREAGE:

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

MMR ACREAGE:

Identified:	0
Suspected:	0
Not Suspected:	0

RISK ASSESSMENT CODE:

Hazard Severity:	V
Hazard Probability:	B
RAC Score:	5 <i>(RAC OVERRIDE: Small Arms Only Range)</i>

CLASSIFICATION(S):

Training
Small Arms Range

RANGE / NON-RANGE: Range

LAND USE RESTRICTIONS: Unrestricted Public Access

CONSTRUCTION DATE: (YYYYMMDD) 19420101

THE FOLLOWING TYPES OF MUNITIONS WERE USED ON THIS RANGE:

Conventional

DESCRIPTION: The location of Transition Range 2 is unknown. Therefore, no range fan was constructed.

COMMENTS: Transition Range 2 was a small arms range from approximately 1942 to 1954. Exact dates of use are unknown at this time. Available documentation indicates the range was 55 x 130 yards in size with 12 targets, but the location was not given. No range fan was constructed because the location of the range is unknown.

HAVE THERE BEEN ANY DOCUMENTED INCIDENTS ON THIS RANGE? No
Answer

RANGE MUNITIONS:

MUNITIONS ID	MUNITIONS	USED START DATE	USED END DATE
SMALL ARMS(CTT01)	Small Arms, General	194201	195412

RANGE LAND ACCESS AND RESTRICTIONS:

RESTRICTION TYPE	RESTRICTION	DESCRIPTION
A	NO CONTROLS	No known Access Controls
L	OTHER (Must Describe)	No known Land Use Restrictions

RANGE OWNERS:

OWNER TYPE	OWNER DESCRIPTION	LEASE	LEASE TERMINATION	REVOCATION OF LAND
S	Fort Flagler State Park		NO	NO

RANGE DEMOGRAPHICS:

TYPE	NAME	STATE	COUNTRY
CO	Jefferson	WA	UNITED STATES
CT	Port Townsend	WA	UNITED STATES

SOIL TYPE: SAND-SILT/SAND-CLAY

TOPOGRAPHY: FLAT

VEGETATION: FOREST

GROUNDWATER

AVG DEPTH (IN FEET)	NOT SPECIFIED
DRINKING WATER SUPPLY	UNKNOWN
RANGE CONTAMINATION FROM RESIDUE OF MUNITIONS	UNKNOWN

COORDINATES:

DATUM: NAD83
UTM X: (meters) 521932.00
UTM Y: (meters) 5326788.00
UTM ZONE: 10
Latitude: 48° 5' 38" N
Longitude: 122° 42' 19" W