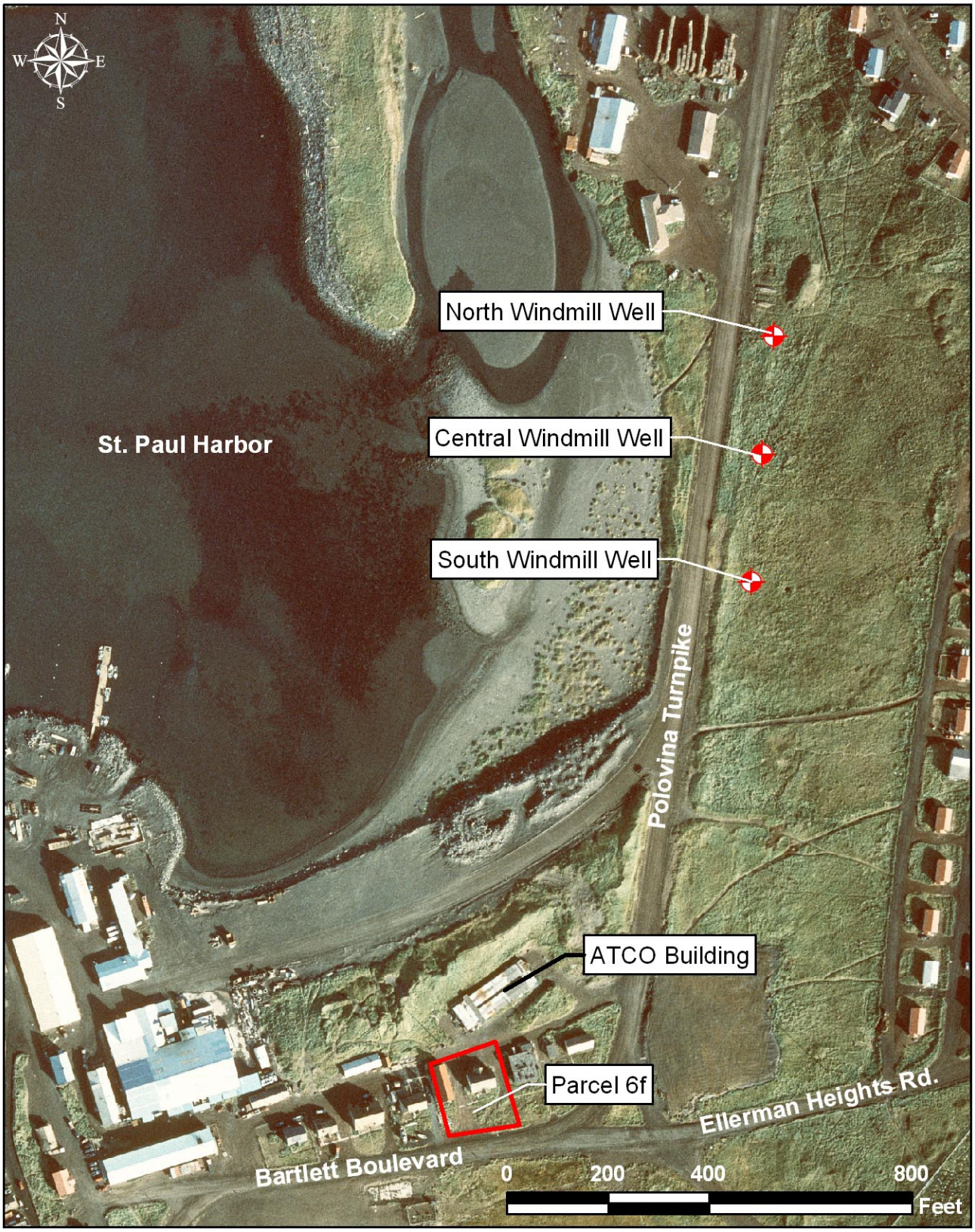

Figure 1	Locations of Sites and Structures of Interest St. Paul Island, Alaska	Sources: GIS Data (NOAA Pribilof Project GIS 2005), Aerial Photo (Aeromap US 1996).	Pribilof Islands Restoration Project

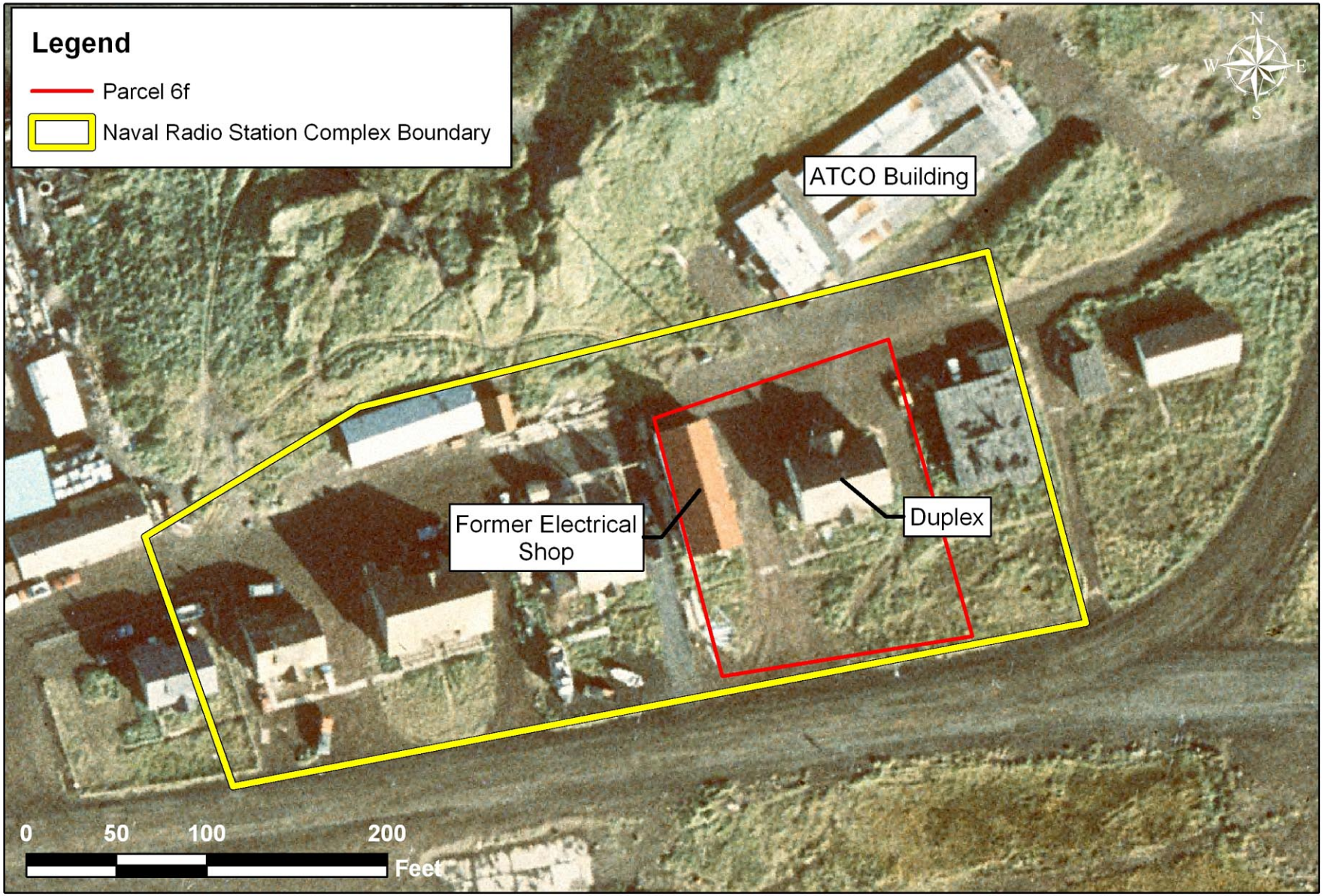

Figure 2

Parcel 6f and Vicinity
St. Paul Island, Alaska

Sources: GIS Data (NOAA Pribilof Project GIS 2005), Aerial Photo (Aeromap US 1996).

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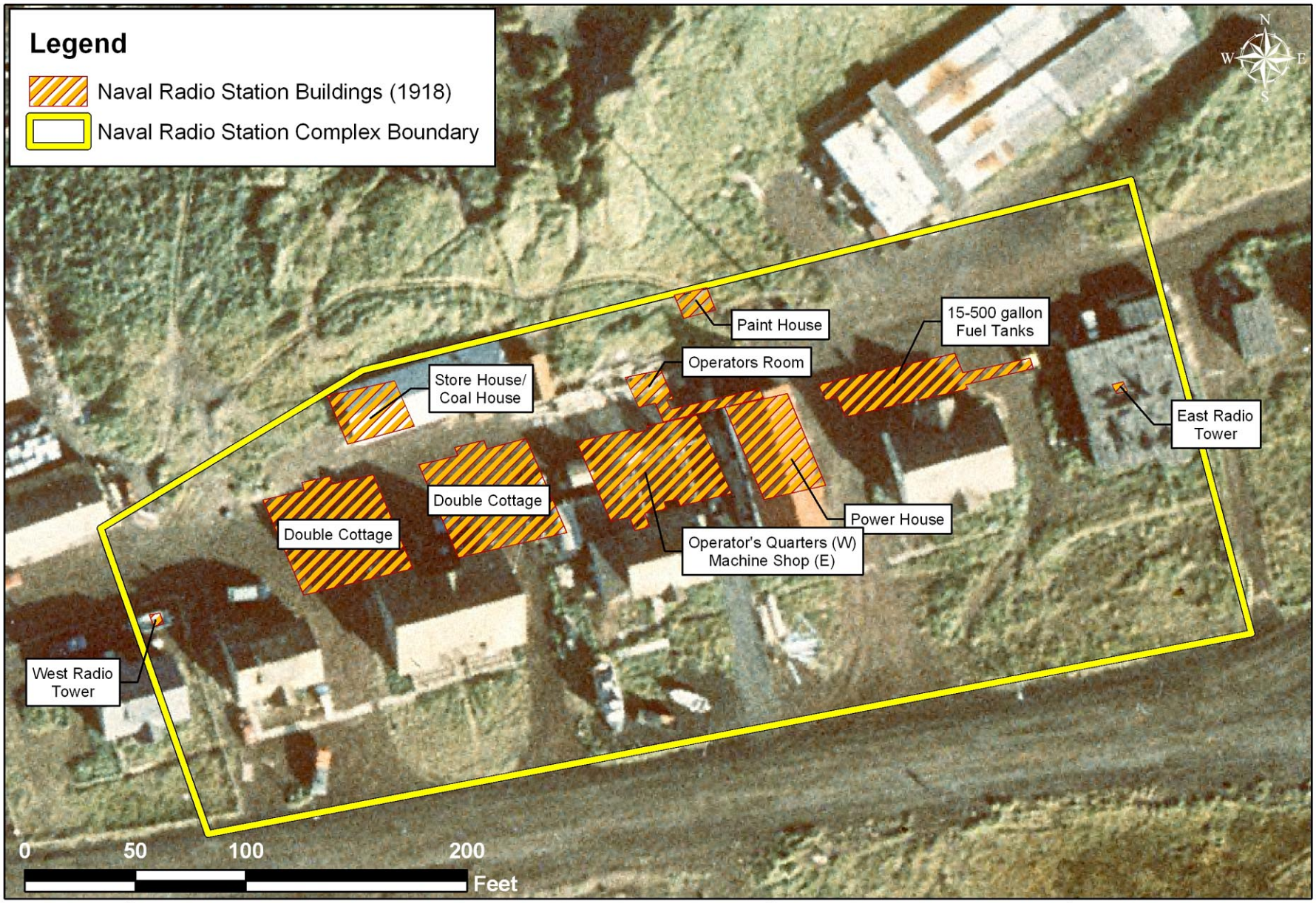

Figure 3	Naval Radio Station Complex, 1918 Formerly Used Defense Site St. Paul Island, Alaska	Sources: GIS Data (NOAA Pribilof Project GIS 2005), Aerial Photo (Aeromap US 1996).

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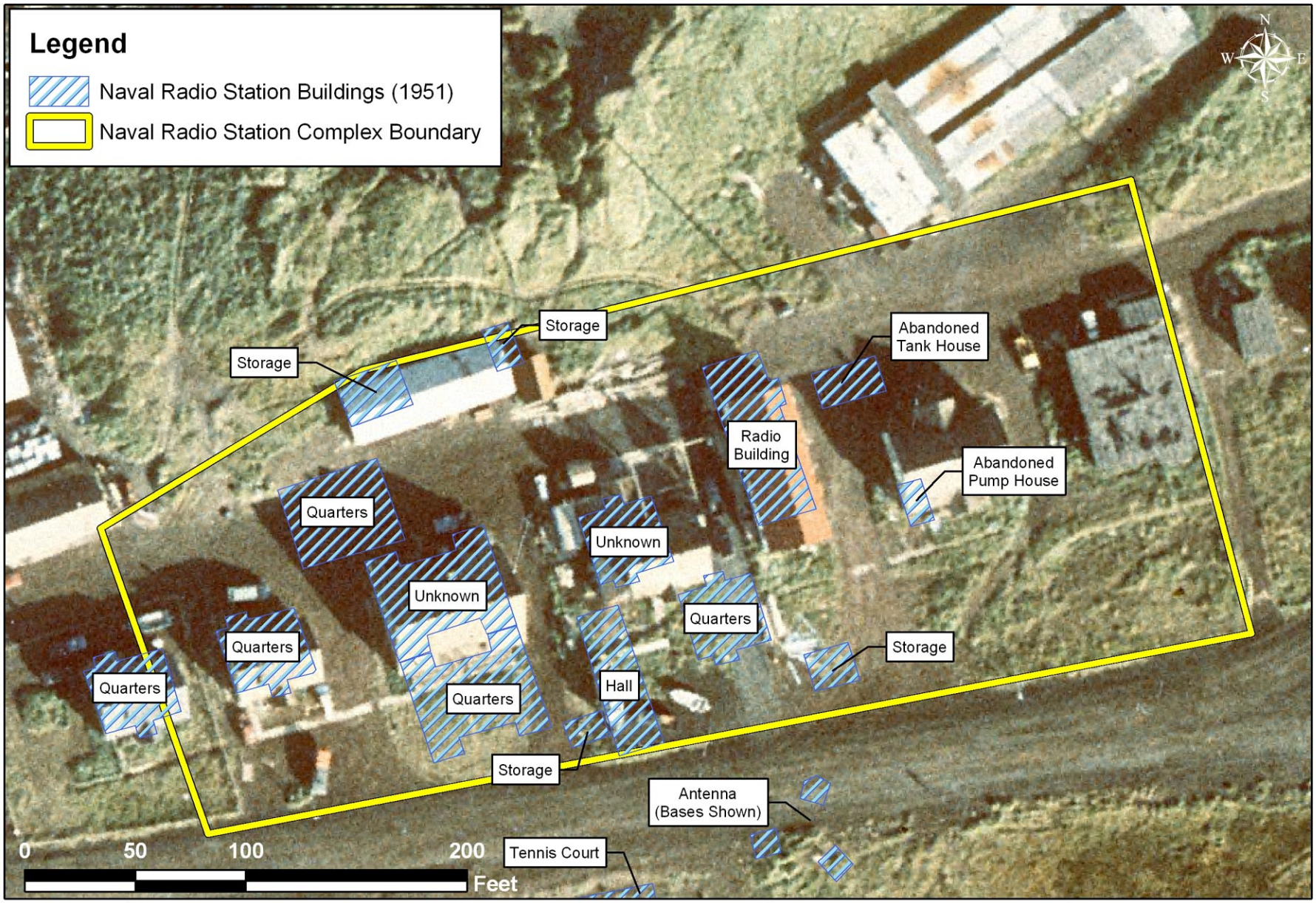

Figure 4	Naval Radio Station Complex, 1951 Formerly Used Defense Site St. Paul Island, Alaska	Sources: GIS Data (NOAA Pribilof Project GIS 2005), Aerial Photo (Aeromap US 1996).

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Figure 5	Photograph of the above ground storage tank farm that powered the electrical shop, ca. 1919.	Source: St. George Tanaq Corporation Collection.	Pribilof Islands Restoration Project

Figure 6	Aerial Photographs Parcel 6f and ATCO Building Vicinity St. Paul Island, Alaska	Sources: 1948 Photo (Victor B. Scheffer), 1967 Photo (unknown), 1982 Photo (BLM), 1993 Image (USGS DOQQ).	Pribilof Islands Restoration Project

Figure 7	Windmill Well Locations Formerly Used Defense Site St. Paul Island, Alaska	Sources: GIS Data (NOAA Pribilof Project GIS 2005), Aerial Photo (Aeromap US 1996).

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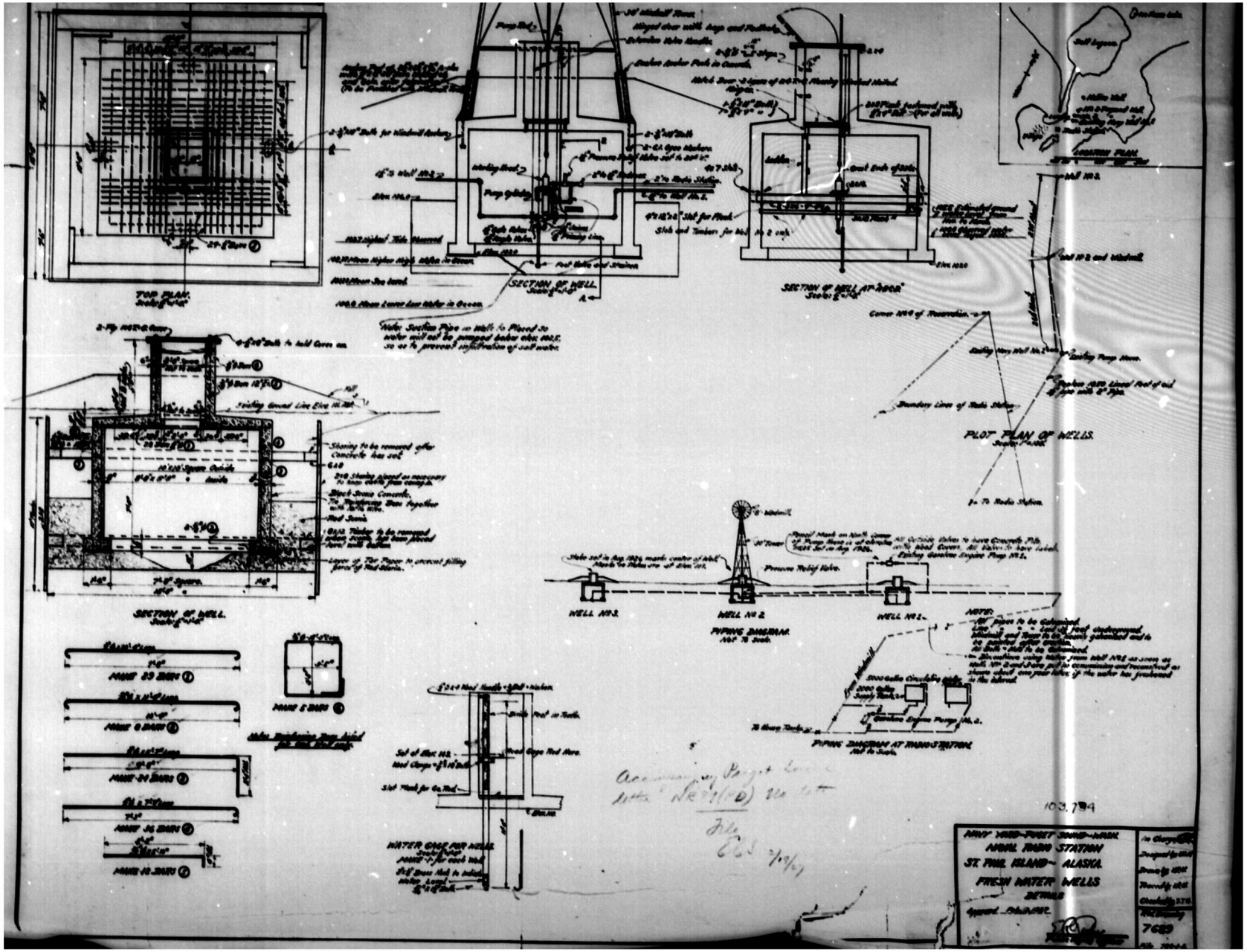

Figure 8	Fresh Water Wells Details 1927 Naval Radio Station St. Paul Island, Alaska	Source: NARA, Record Group 71, Series I, Reel 1124

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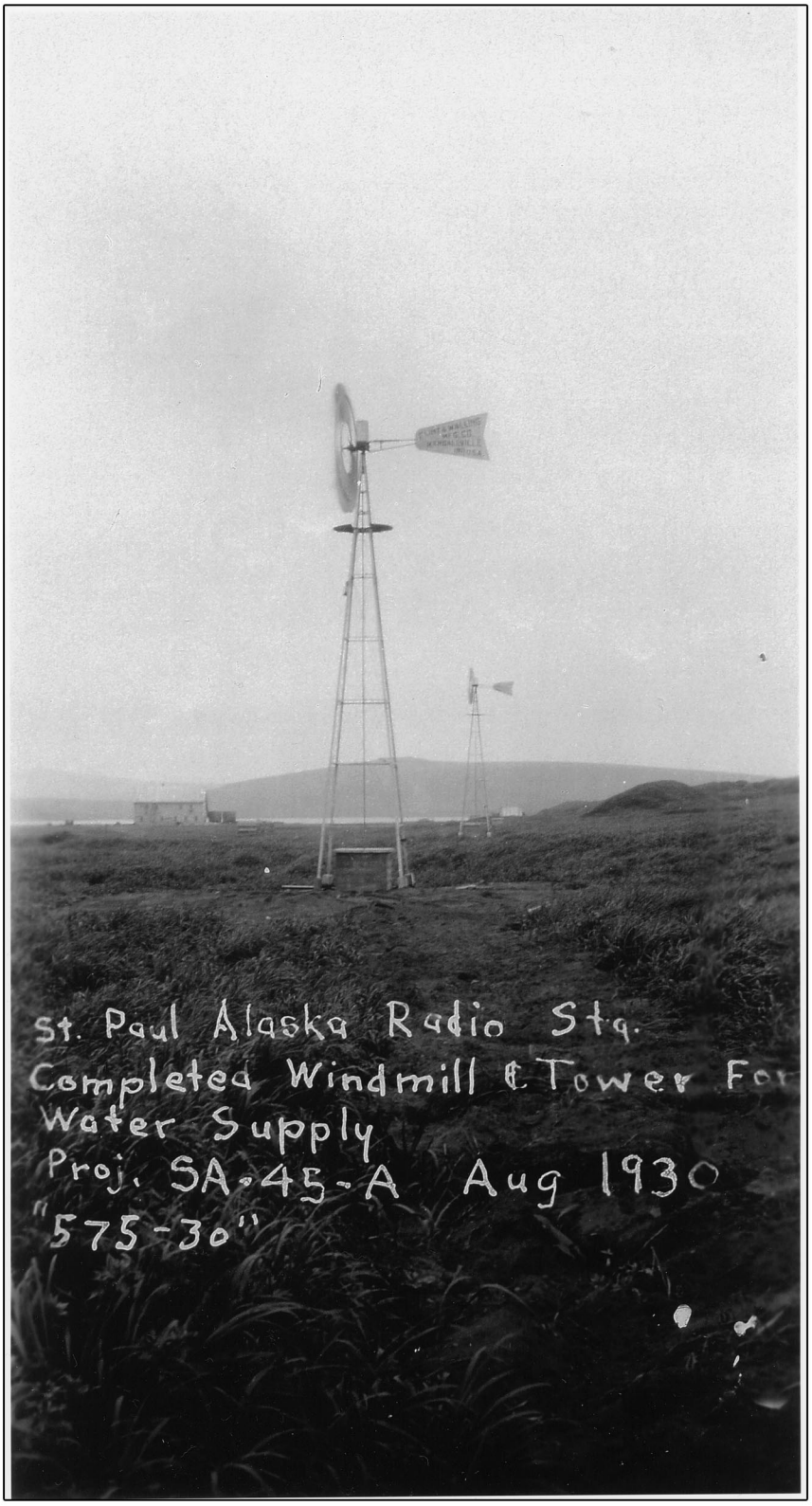

Figure 9	Photograph showing two windmills and towers built to support the St. Paul Island, Alaska Naval radio station water supply wells, 1930.	Source: NARA, College Park, MD.

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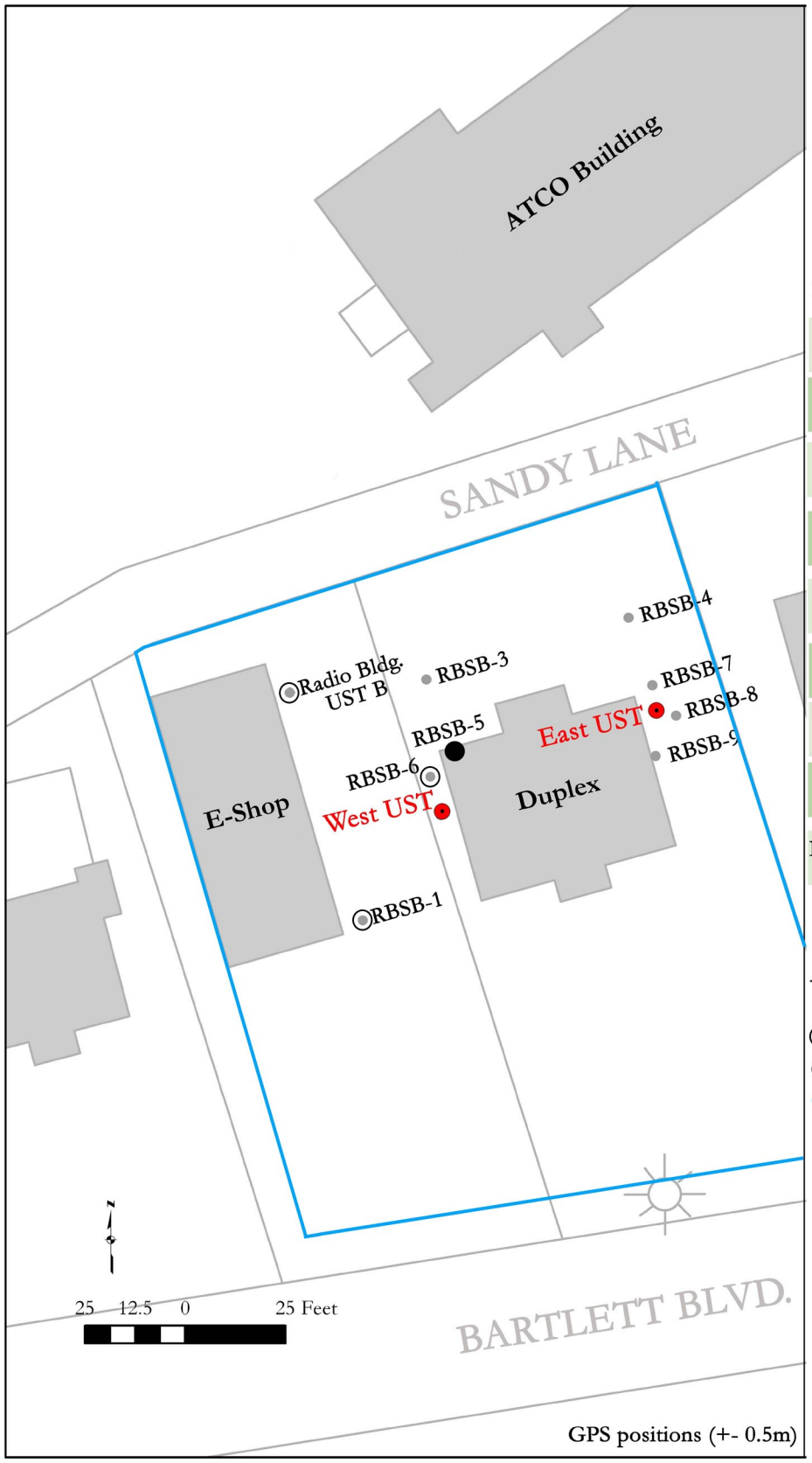

Table of Results

Sample Location	Depth Interval (feet bgs)	DRO (PPM)	RRO (PPM)
RBSB-1	6-8	260	400
RBSB-3	6-8 10-12	<10 29	<50 150
RBSB-4	8-10 10-12	11 <10	11 <10
RBSB-5	2-4 6-8	1500 830	15000 8700
RBSB-6	4-6 9-11	130 310	1100 260
RBSB-7	8-10	<10	<50
RBSB-8	6-8 10-12	12 <10	12 <50
RBSB-9	6-8 10-12	<10 13	<50 13
Radio Bldg UST B	5-6	480	4400

Legend

- Below Method Two
- DRO above Method Two
- DRO and RRO above Method 2
- Parcel 6f Boundary

Figure 10	2000 and 2001 Site Characterization Parcel 6f Soil Data St. Paul Island, Alaska	Sources: Boundaries and Buildings (Hart Crowser 1997), Sample Locations and Wells (NOAA Pribilof Project database, USTs are approximate only.)

Pribilof Islands Restoration Project

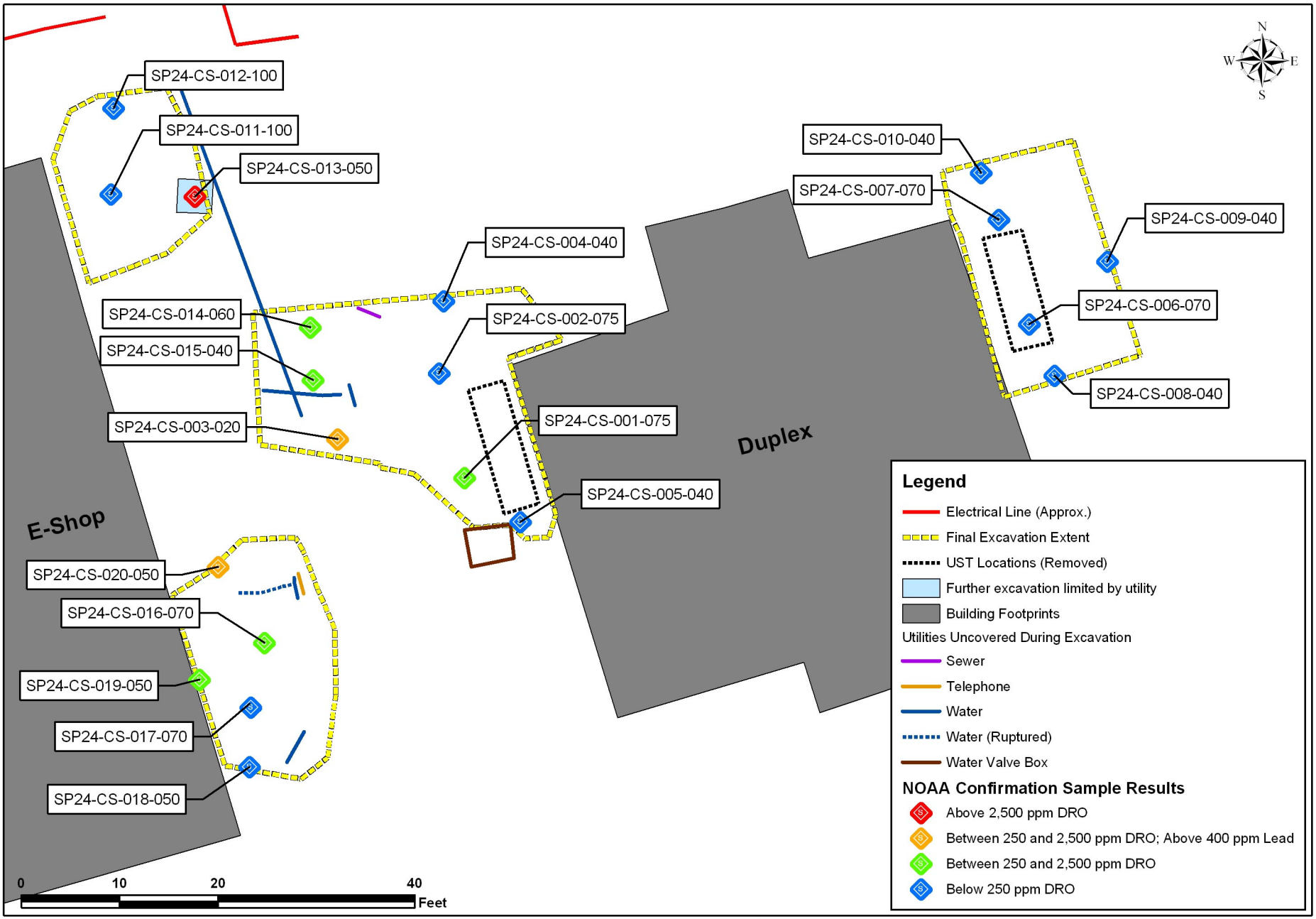

Figure 11

2003 Corrective Action
Duplex Building and Former E-Shop
TPA Site 9i/Site 24
St. Paul Island, Alaska

Sources: Excavation Extent, Confirmation Samples, UST and Utility Locations (NOAA GPS, 2003), Building Locations (NOAA GIS, 2003), Proposed Geoprobe Sample Locations (NOAA GIS 2004).

Pribilof Islands Restoration Project

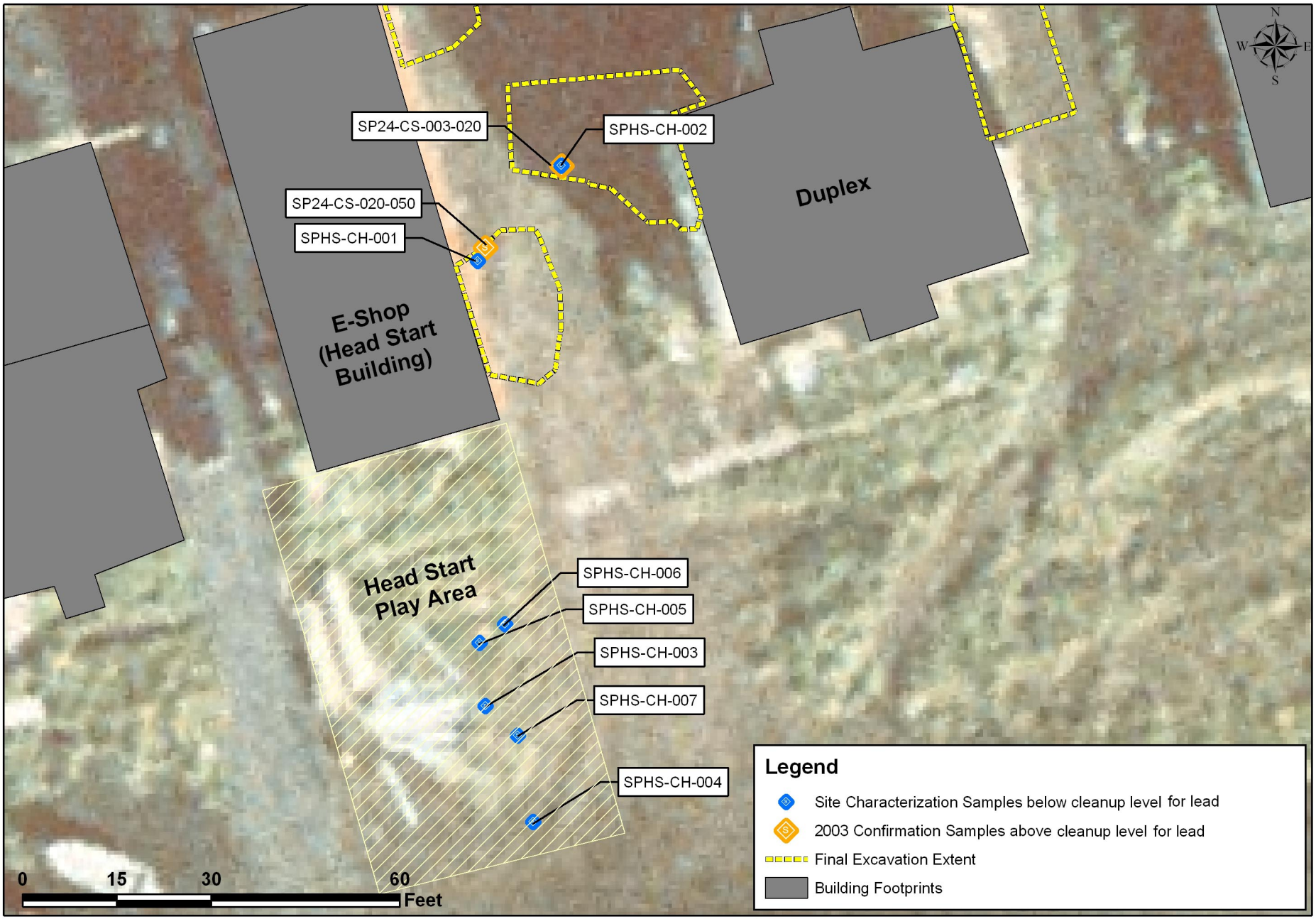

Figure 12

2004 X-Ray Fluorescence Site Characterization
Duplex Building and Former E-Shop
TPA Site 9i/Site 24
St. Paul Island, Alaska

Sources: Excavation Extent and Confirmation Samples (NOAA GPS 2003), Building Locations (NOAA GIS 2003), Site Characterization Sample Locations (NOAA GPS 2004), Aerial Photo (Aeromap US 1996).

Pribilof Islands Restoration Project

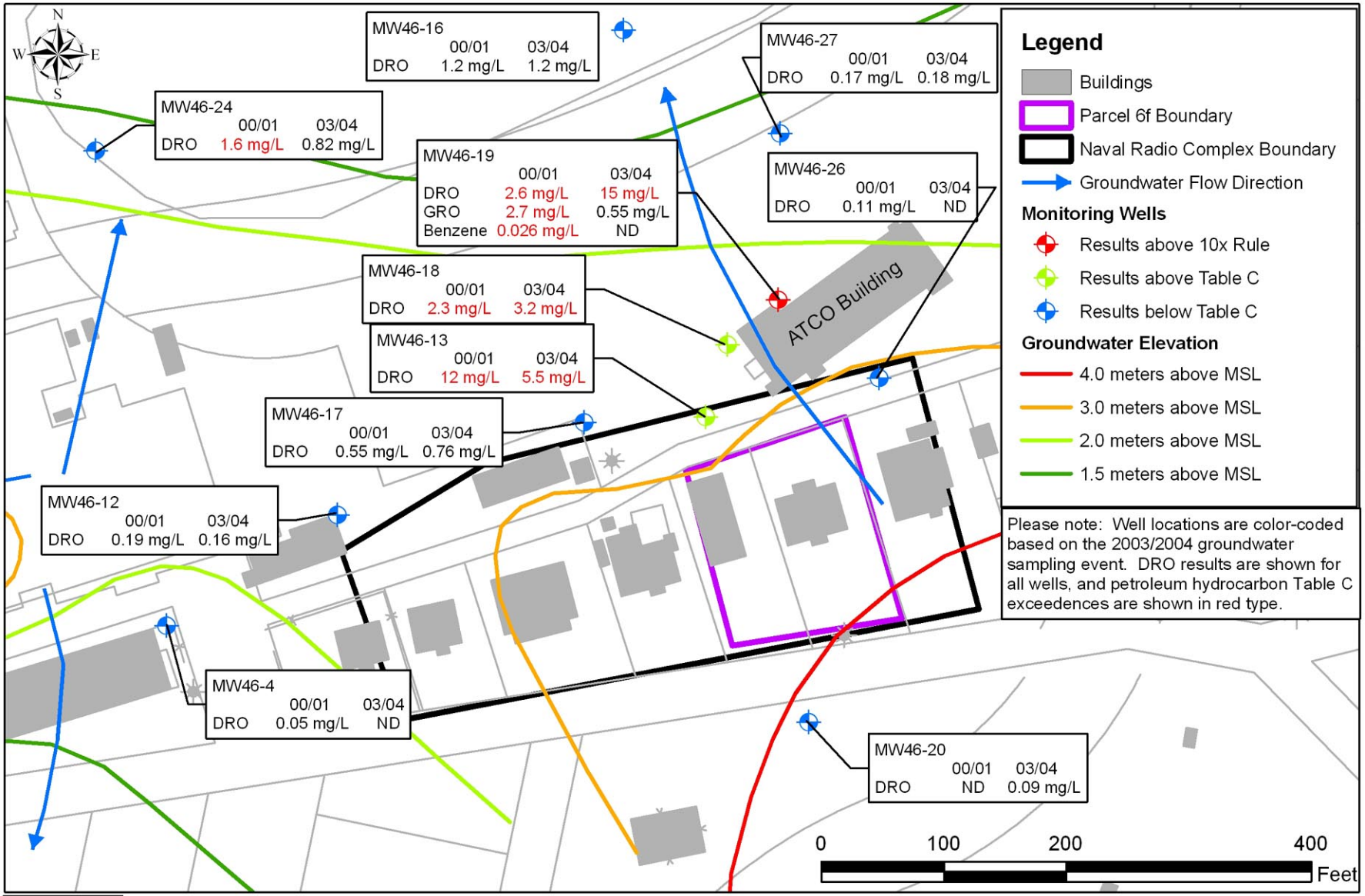

Figure 13

Groundwater Quality and Flow
Former Naval Radio Station Complex and Vicinity
St. Paul Island, Alaska

Sources: Groundwater Elevation and Flow Direction (Mitretek 2005), Monitoring Well Locations and Boundaries (NOAA GIS 2005), Buildings (Hart-Crowser 1997).

Pribilof Islands Restoration Project

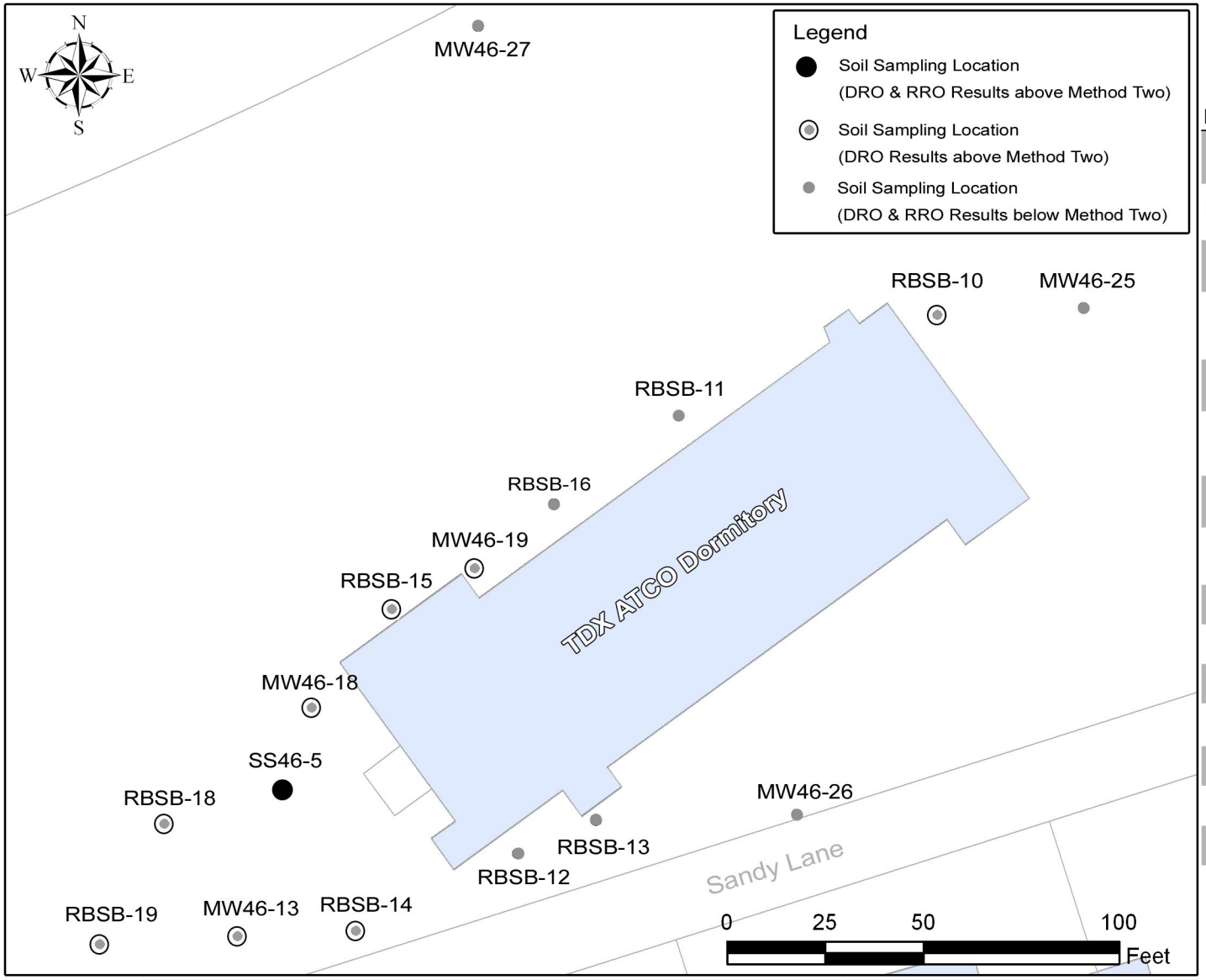

Table of Results

Sample Location	Depth Interval (feet bgs)	DRO (ppm)	RRO (ppm)
MW46-13	5-7	440	940
	14-16	4,500	2,500
MW46-18	6-8	400	450
	13-14	12,000	6,700
MW46-19	6-8	ND	ND
	10-12	27,000	540
MW46-25	6-8	ND	ND
	12-14	ND	ND
MW46-26	6-8	ND	ND
	12-14	ND	ND
MW46-27	6-8	ND	ND
	16-18	ND	ND
RBSB-10	6-8	17,000	ND
	14-16	10,000	140
RBSB-11	6-8	ND	ND
	12-14	ND	ND
RBSB-12	9-11	53	290
RBSB-13	11.5-13	ND	ND
RBSB-14	12-14	560	1,700
RBSB-15	14-16	8,000	180
RBSB-16	10-12	ND	ND
RBSB-18	12-14	2,300	1,300
RBSB-19	12-14	4,200	3,700
SS46-5	1	4,700	39,000

Figure 14

2000 ATCO Investigation
ATCO Building and Vicinity Soil Data
St. Paul Island, Alaska

Sources: Boundaries and Buildings (Hart-Crowser 1997), Sample Data (CESI 2000), Sample and Well Locations (Pribilof Project Database).

Pribilof Islands Restoration Project