



# ***Operations and Maintenance Facility South***

## **NEPA Draft / SEPA Supplemental Draft Environmental Impact Statement**

### **Appendix G4: Historic and Archaeological Resources Technical Report**

#### **Attachments**

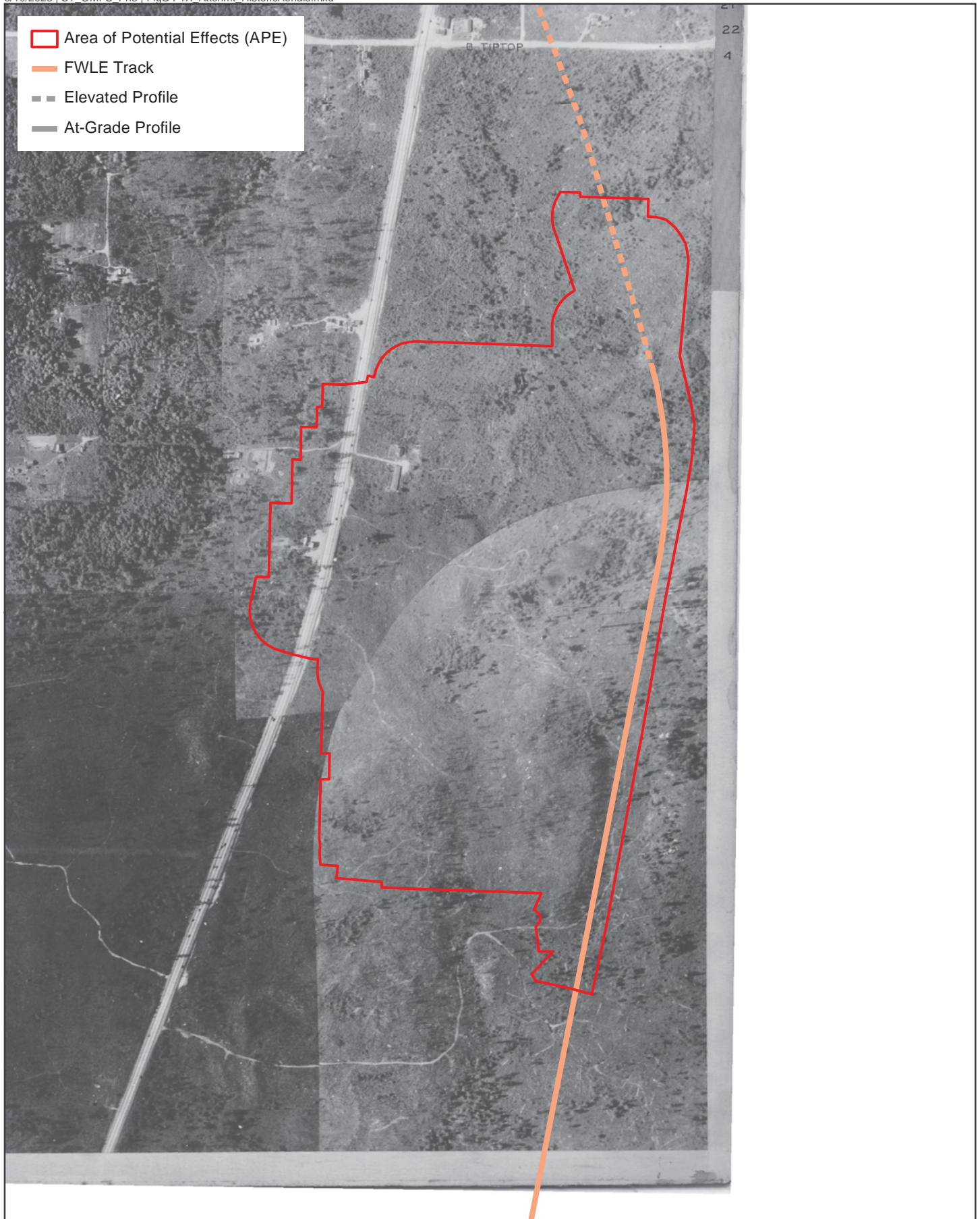




# ATTACHMENT G4-1

## **Historical Aerials**

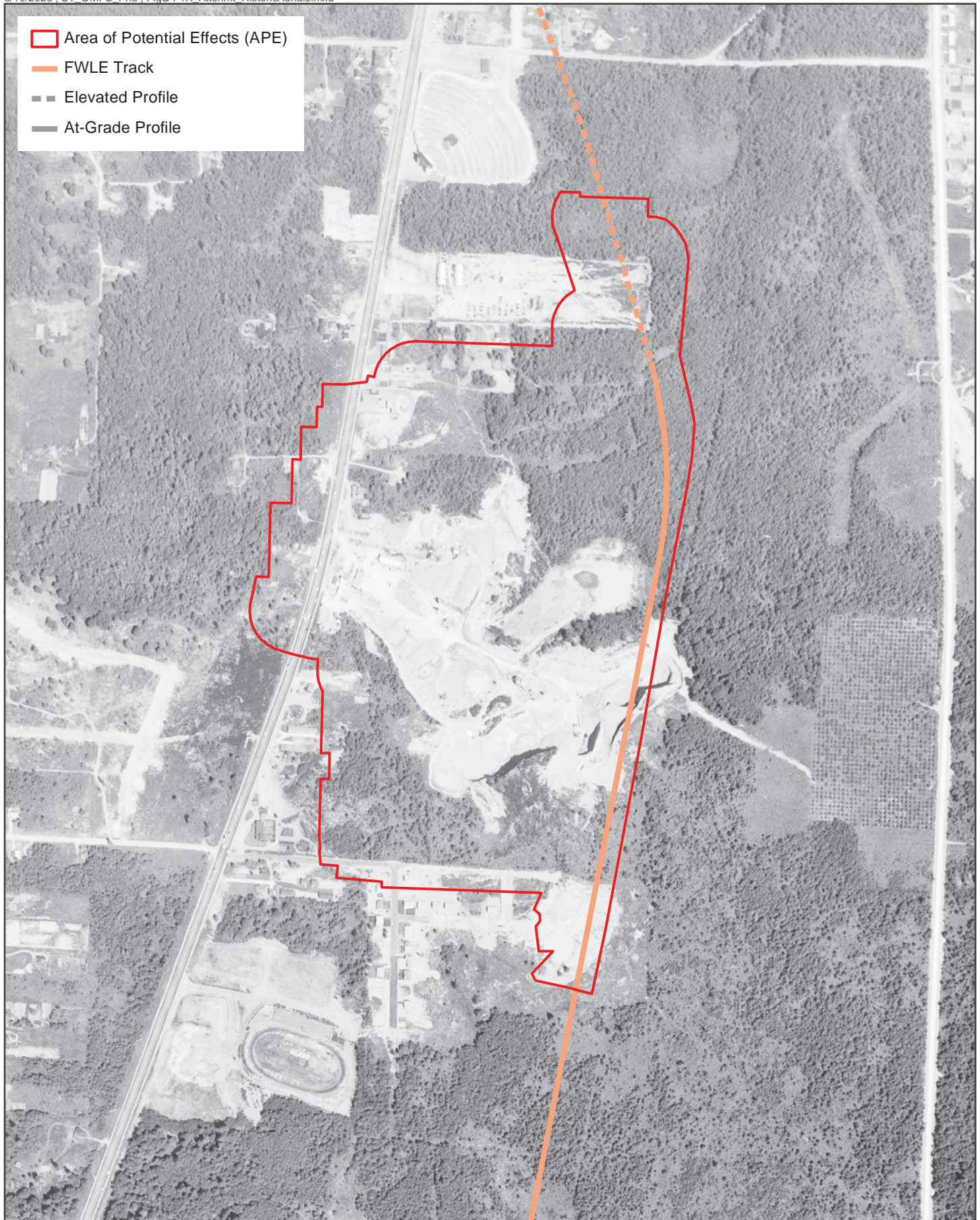




Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.1**  
1937 Historic Aerial  
Midway Landfill Alternative  
*OMF South*





Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.2**  
1957 Historic Aerial  
Midway Landfill Alternative

OMF South



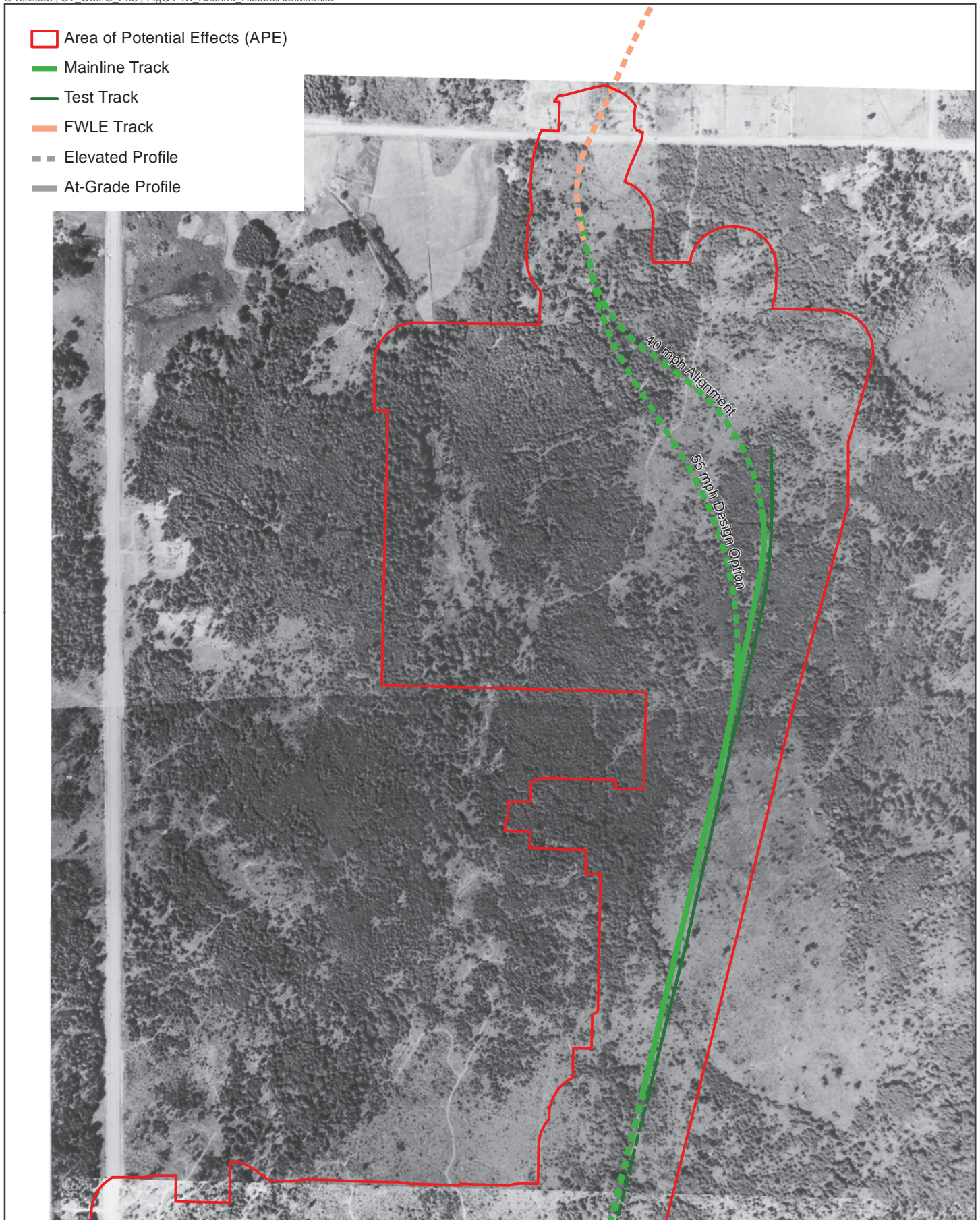


Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.3**  
1965 Historic Aerial  
Midway Landfill Alternative

OMF South

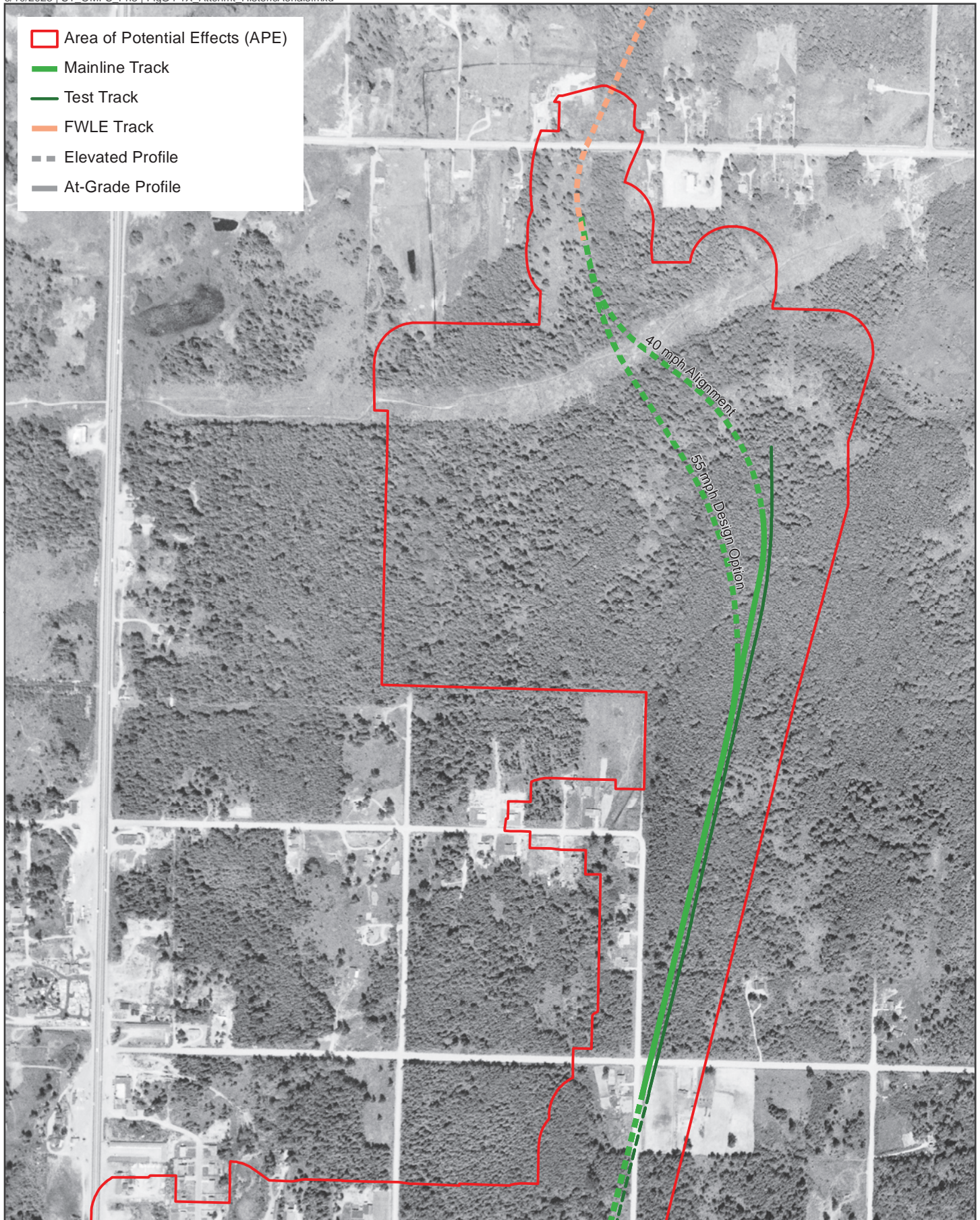




**FIGURE G4-1.4**  
1935 Historic Aerial  
Mainline Track Options

OMF South

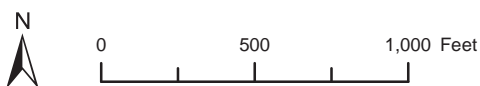




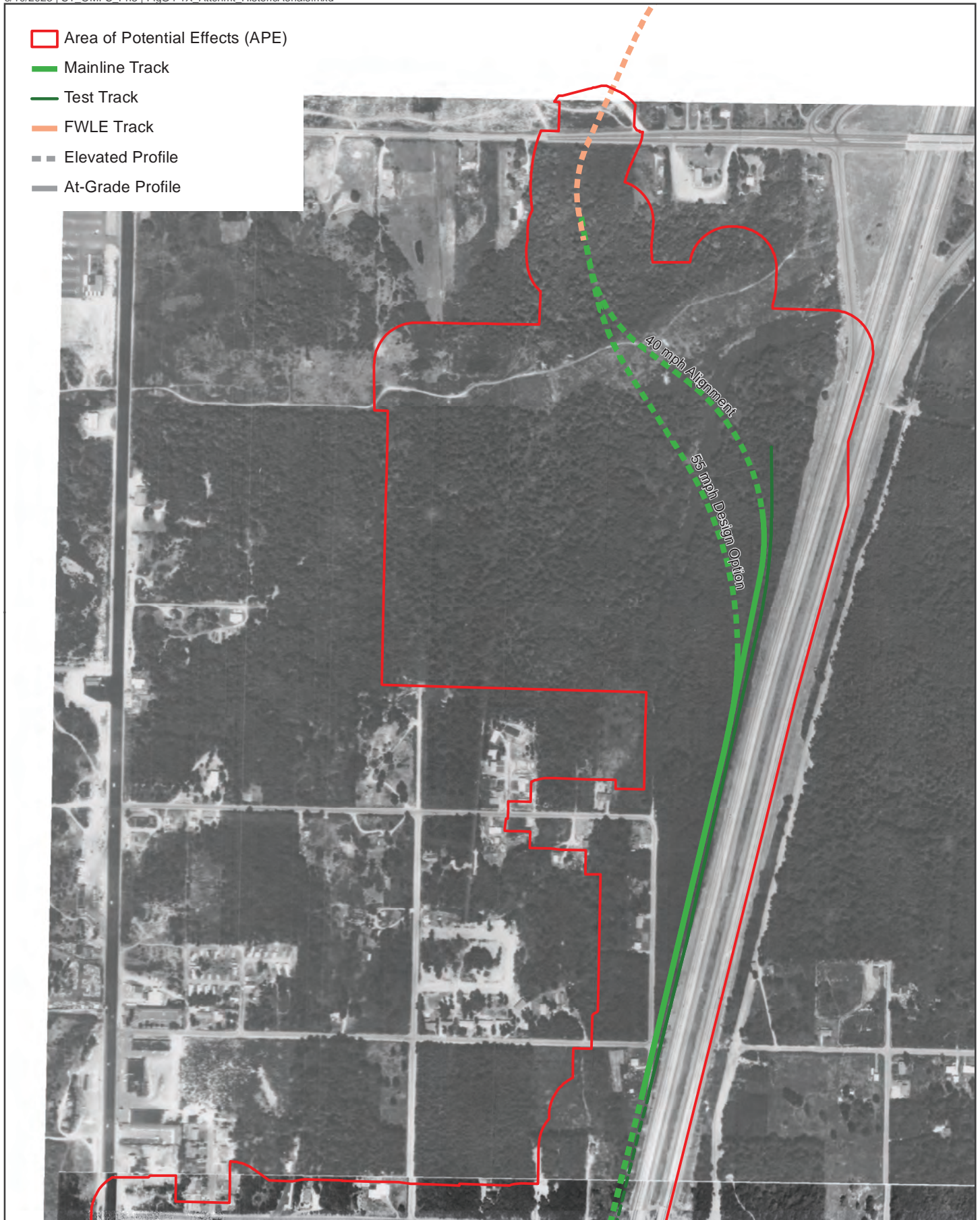
Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.5**  
1957 Historic Aerial  
Mainline Track Options

OMF South



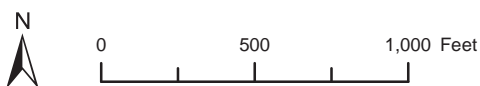




Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.6**  
1965 Historic Aerial  
Mainline Track Options

OMF South



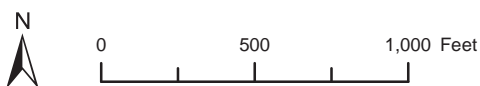




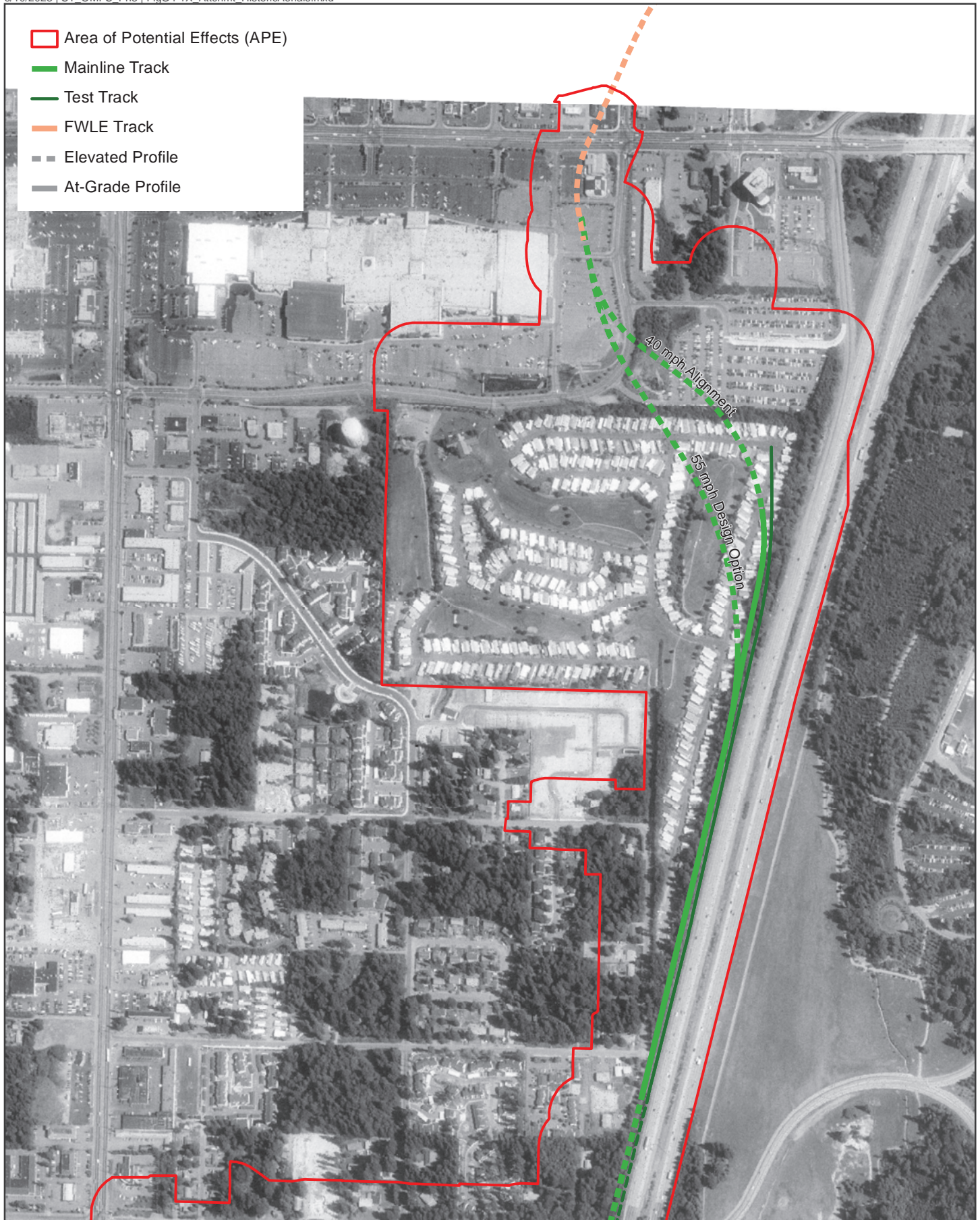
Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.7**  
1972 Historic Aerial  
Mainline Track Options

OMF South



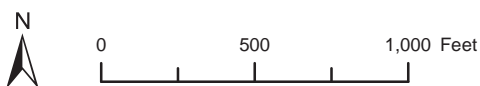




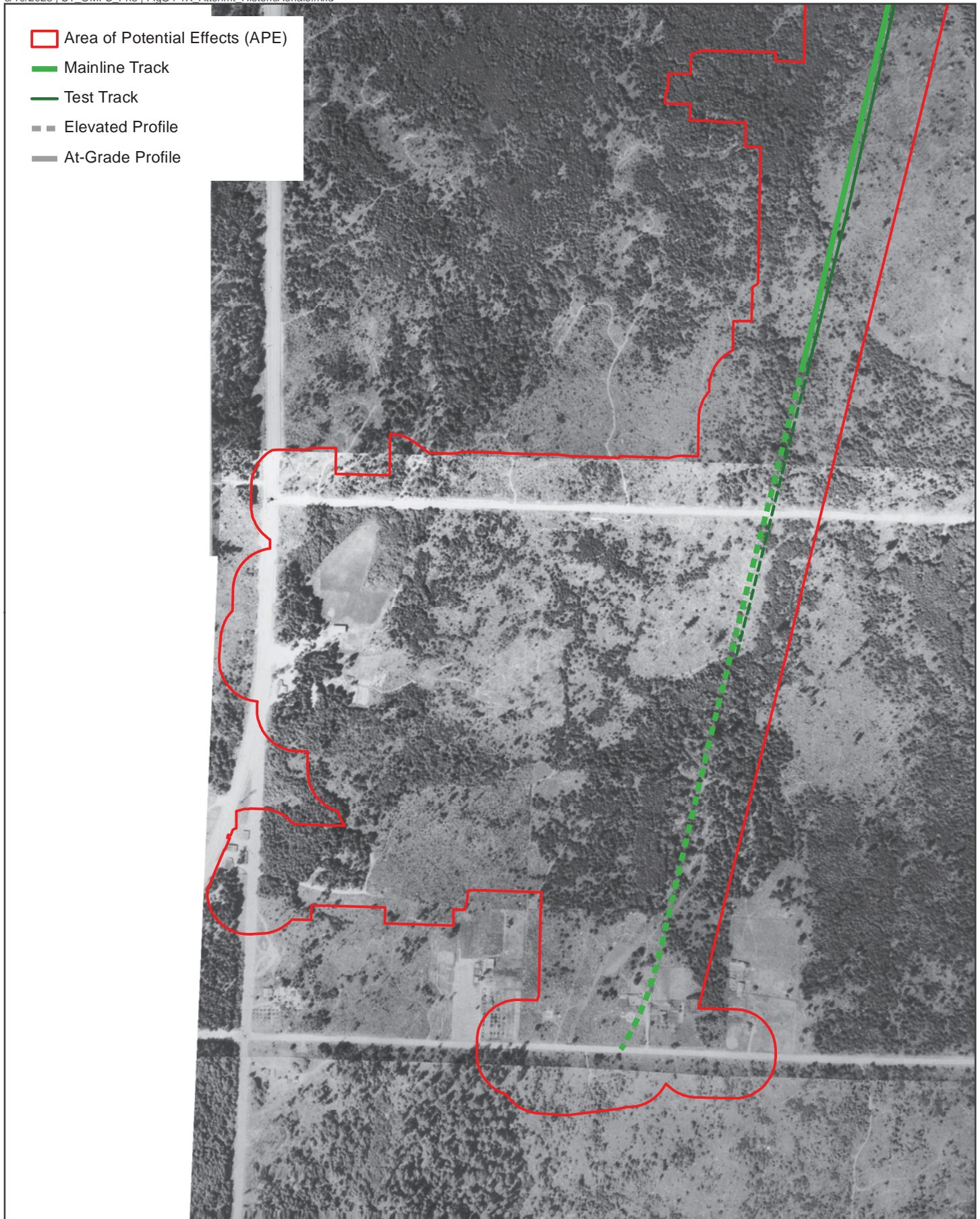
Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.8**  
1991 Historic Aerial  
Mainline Track Options

OMF South







Data Sources: King County Map Vault; EarthExplorer.

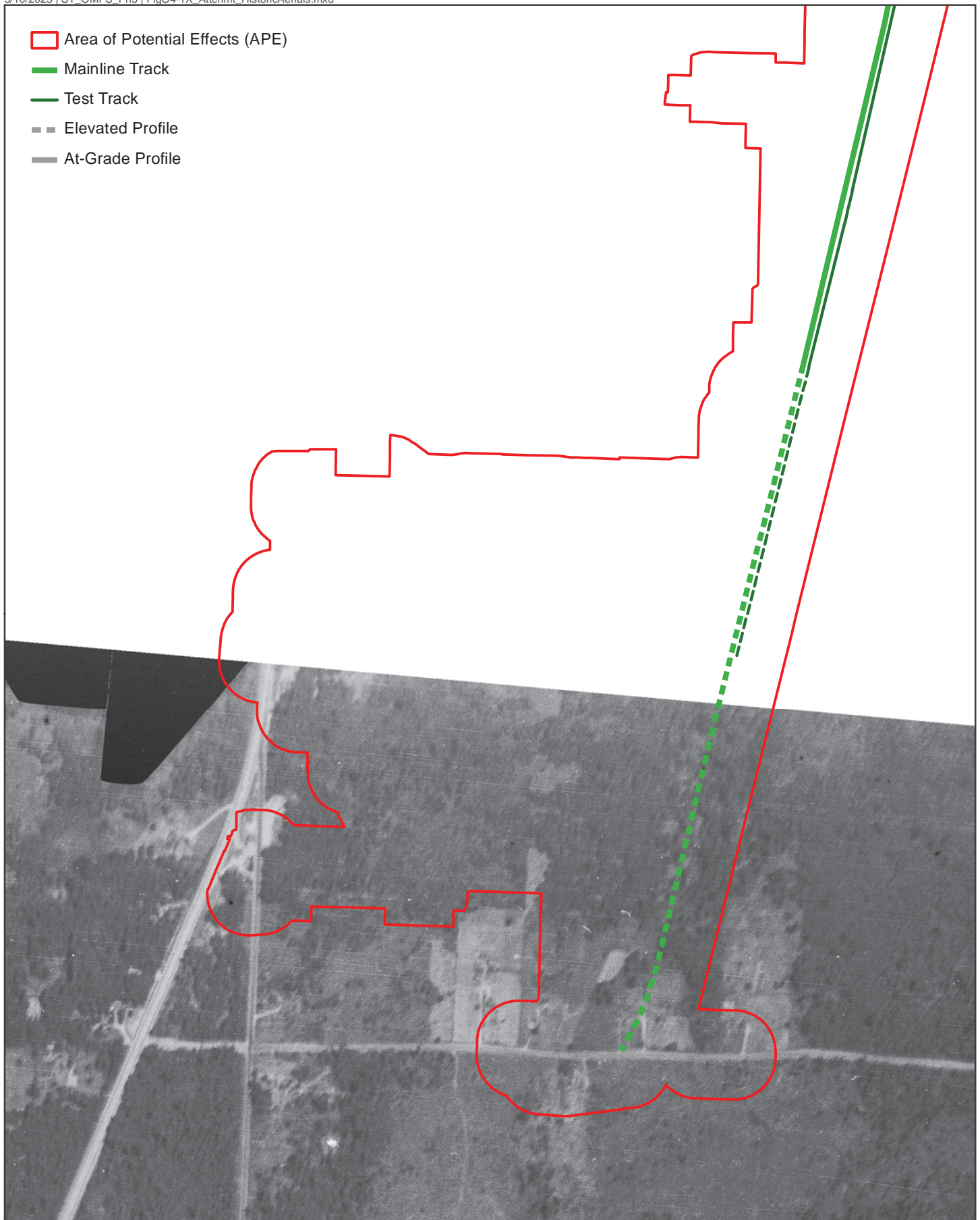
**FIGURE G4-1.9**  
1935 Historic Aerial  
Preferred Alternative

OMF South



0 500 1,000 Feet





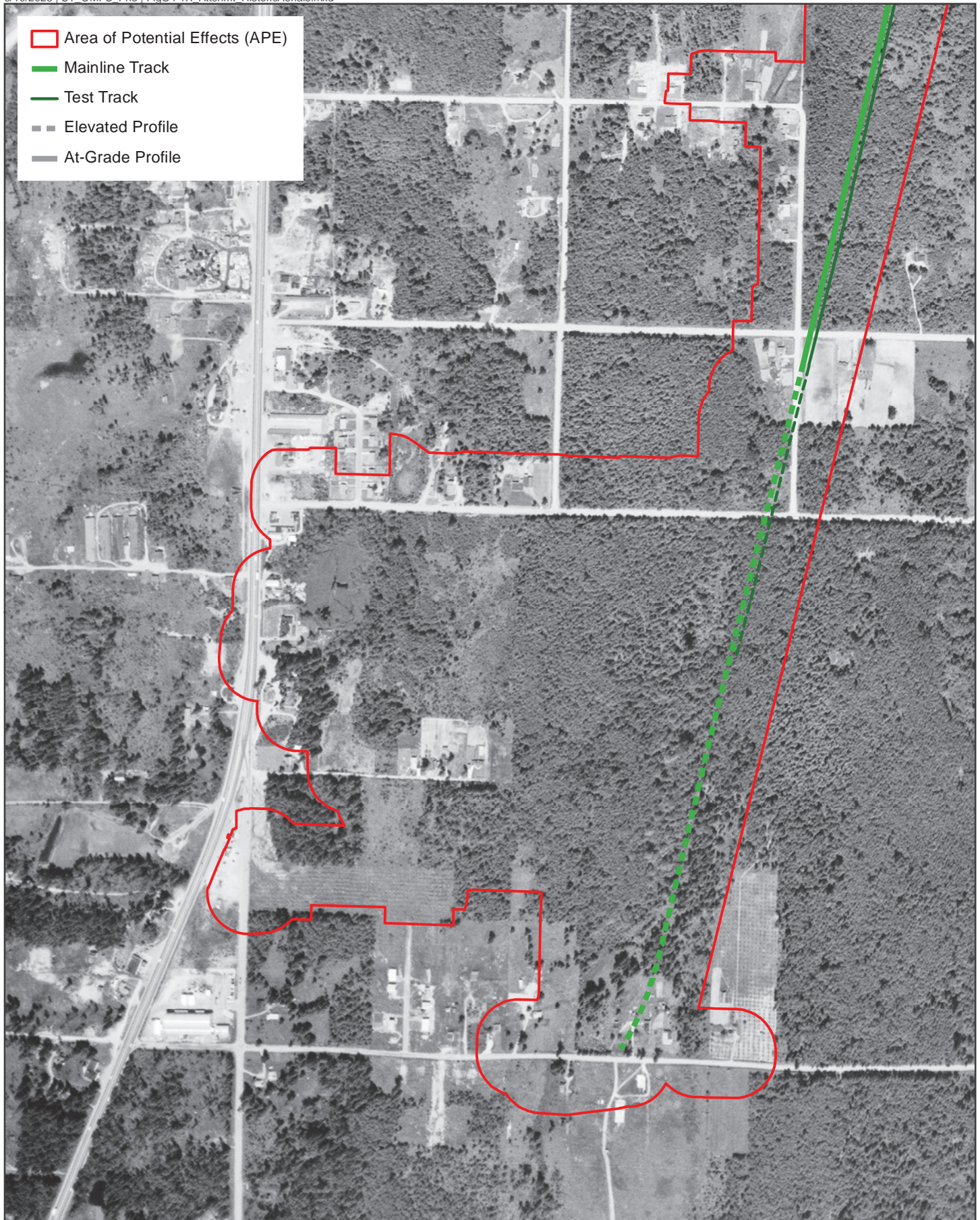
Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.10**  
1941 Historic Aerial  
Preferred Alternative

OMF South







Data Sources: King County Map Vault; EarthExplorer.

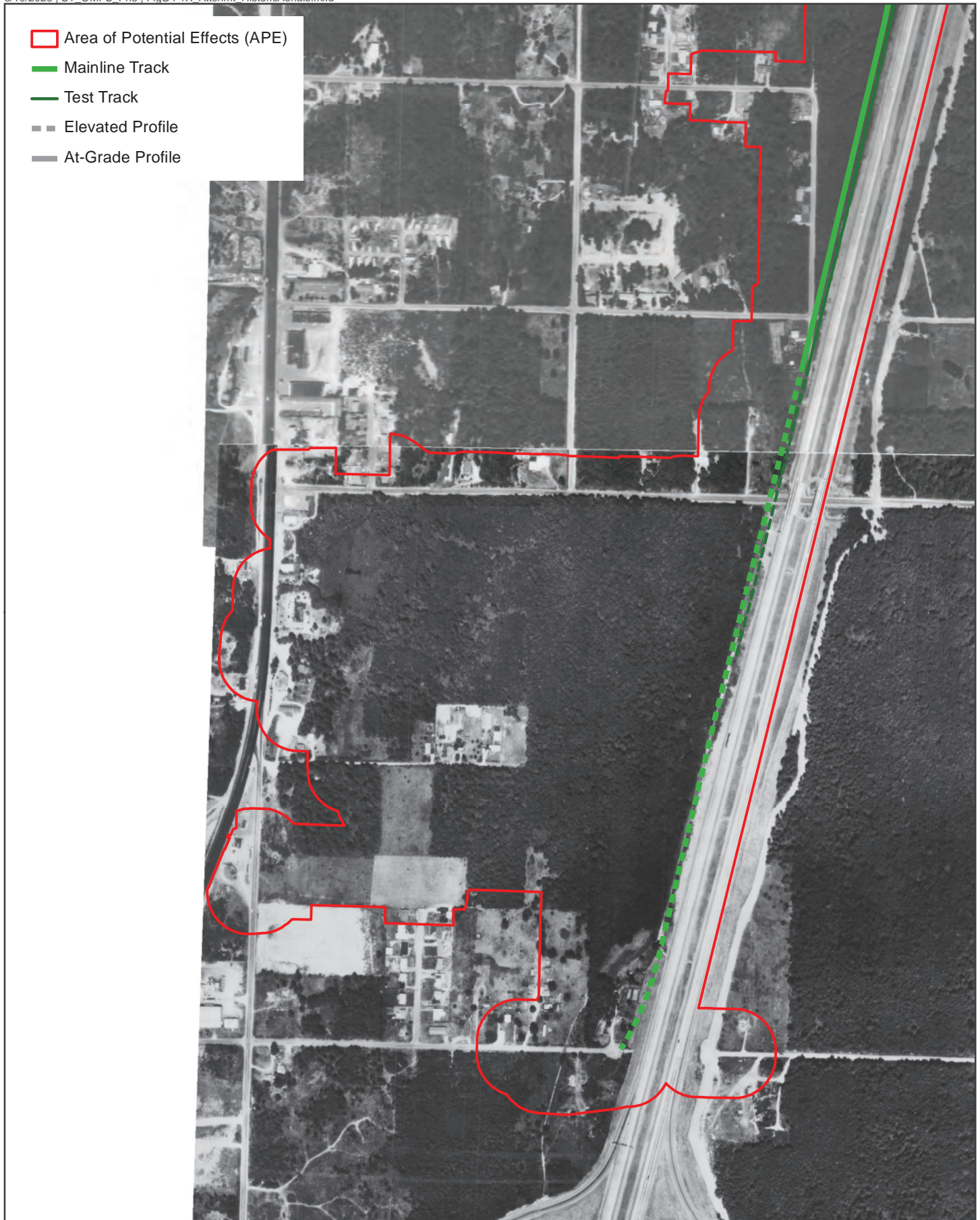
**FIGURE G4-1.11**  
1957 Historic Aerial  
Preferred Alternative

OMF South



0 500 1,000 Feet





Data Sources: King County Map Vault; EarthExplorer.

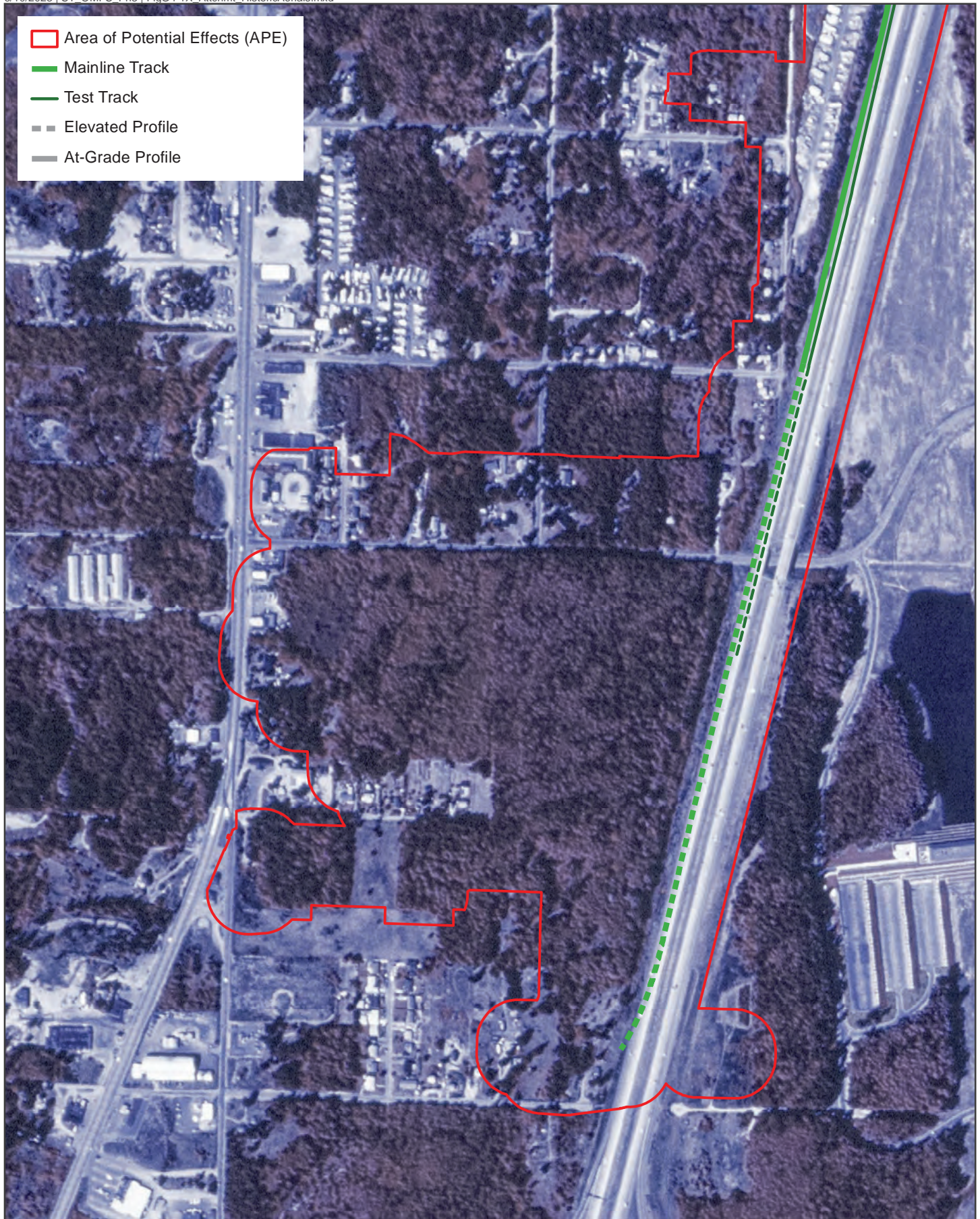
**FIGURE G4-1.12**  
1965 Historic Aerial  
Preferred Alternative

OMF South



0 500 1,000 Feet

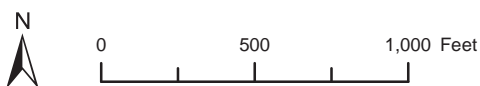




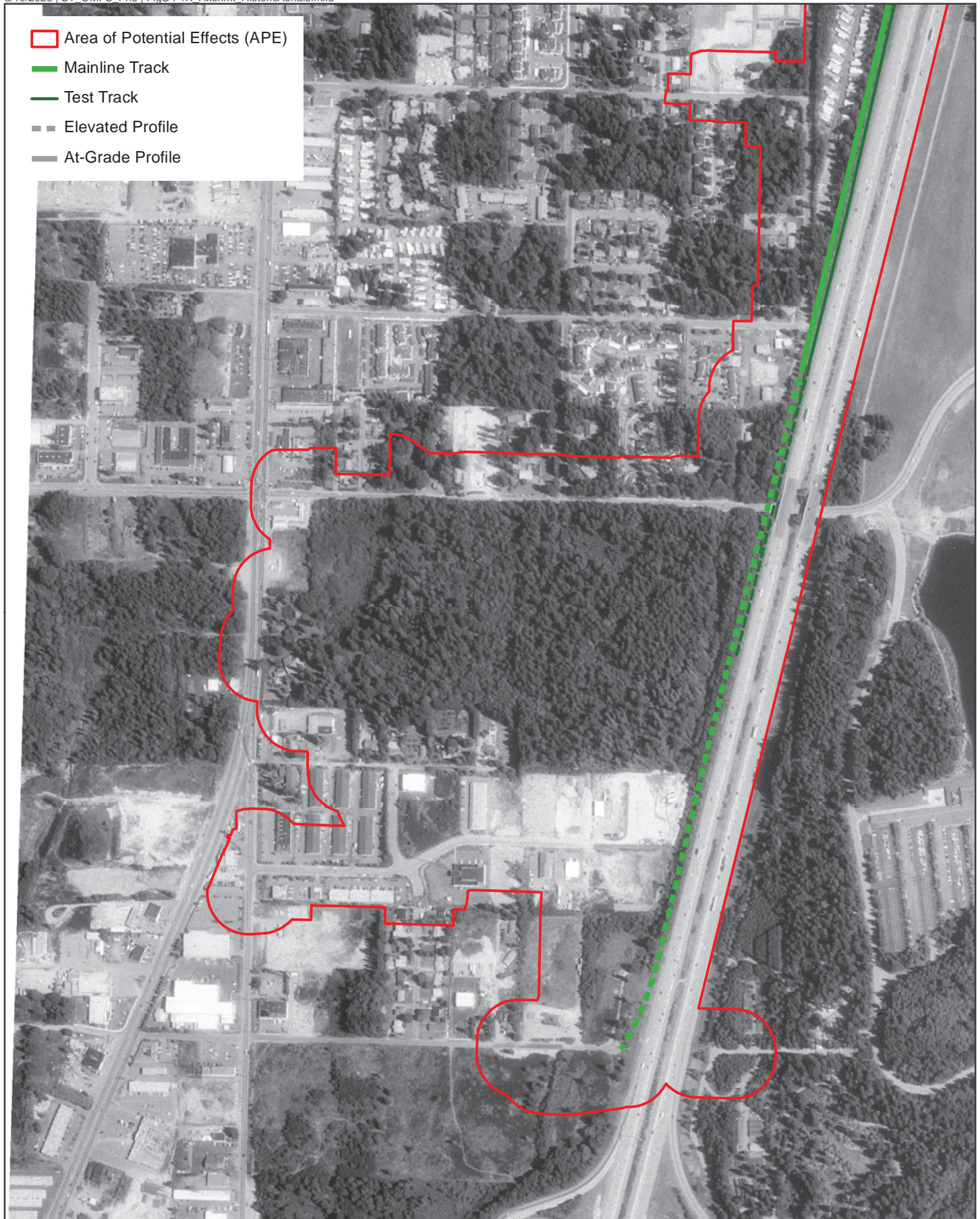
Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.13**  
1972 Historic Aerial  
Preferred Alternative

OMF South



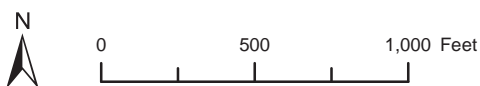




Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.14**  
1991 Historic Aerial  
Preferred Alternative

OMF South







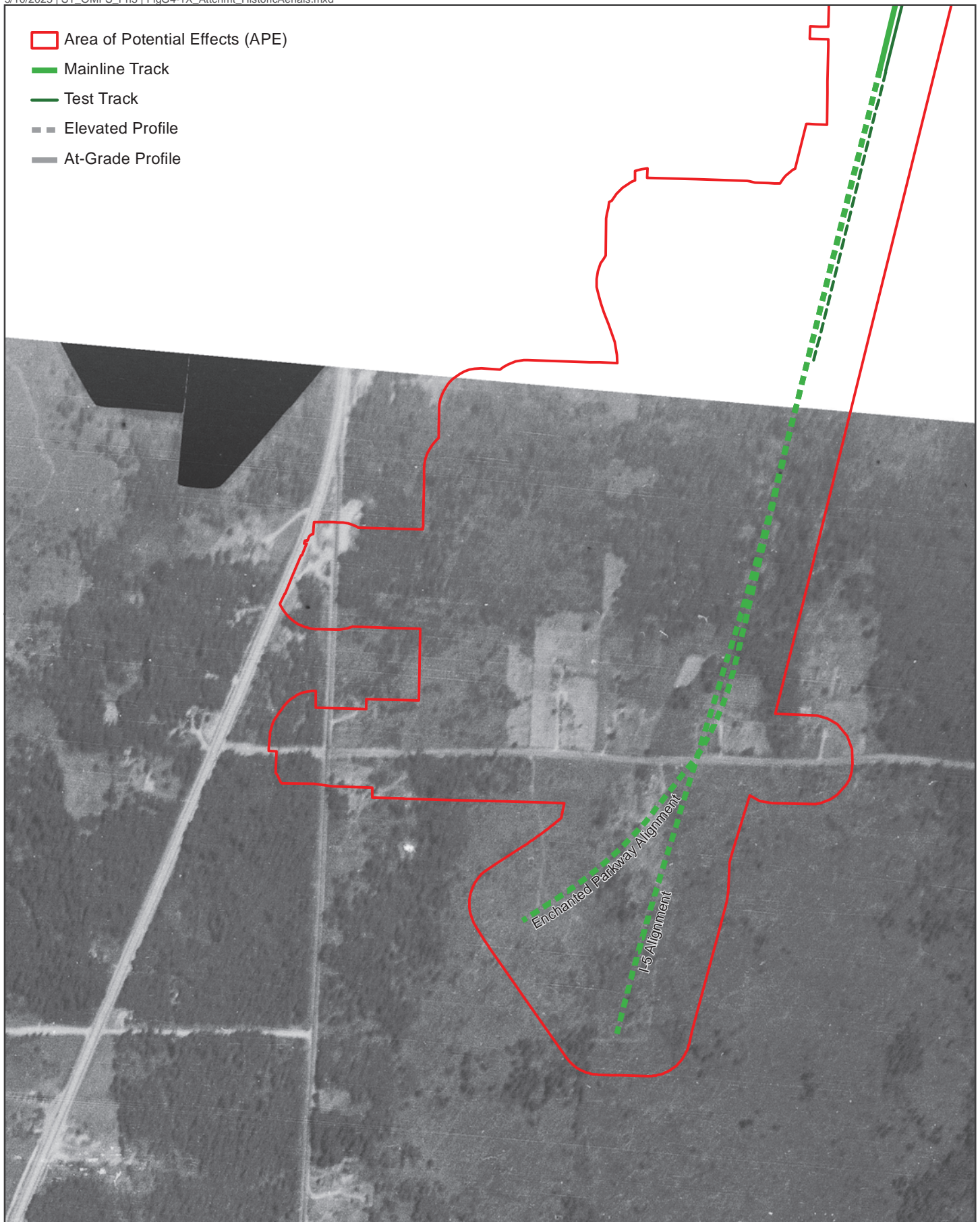
Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.15**  
1935 Historic Aerial  
South 344th Street Alternative  
OMF South



0 500 1,000 Feet





Data Sources: King County Map Vault; EarthExplorer.

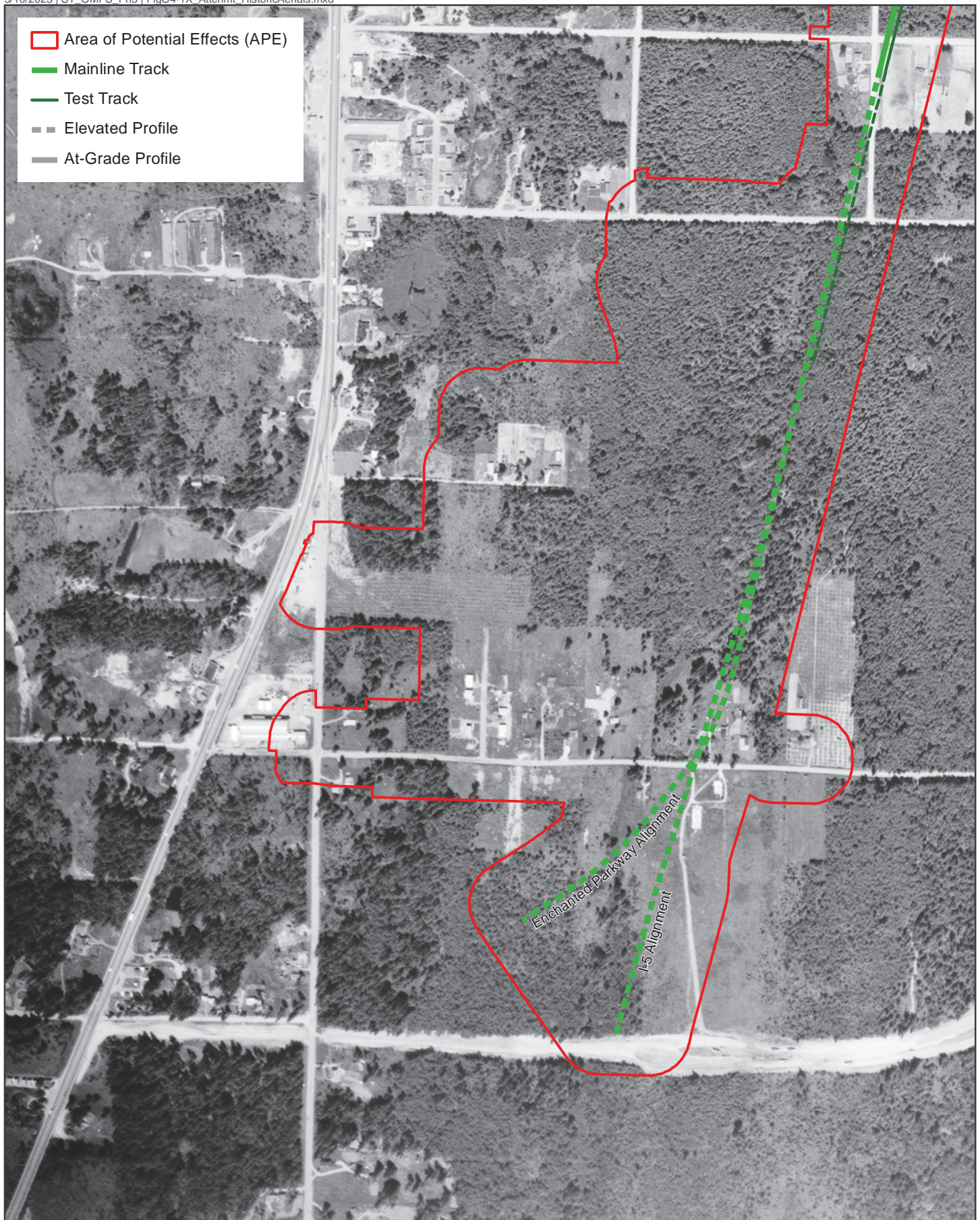
**FIGURE G4-1.16**  
1941 Historic Aerial  
South 344th Street Alternative

OMF South



0 500 1,000 Feet



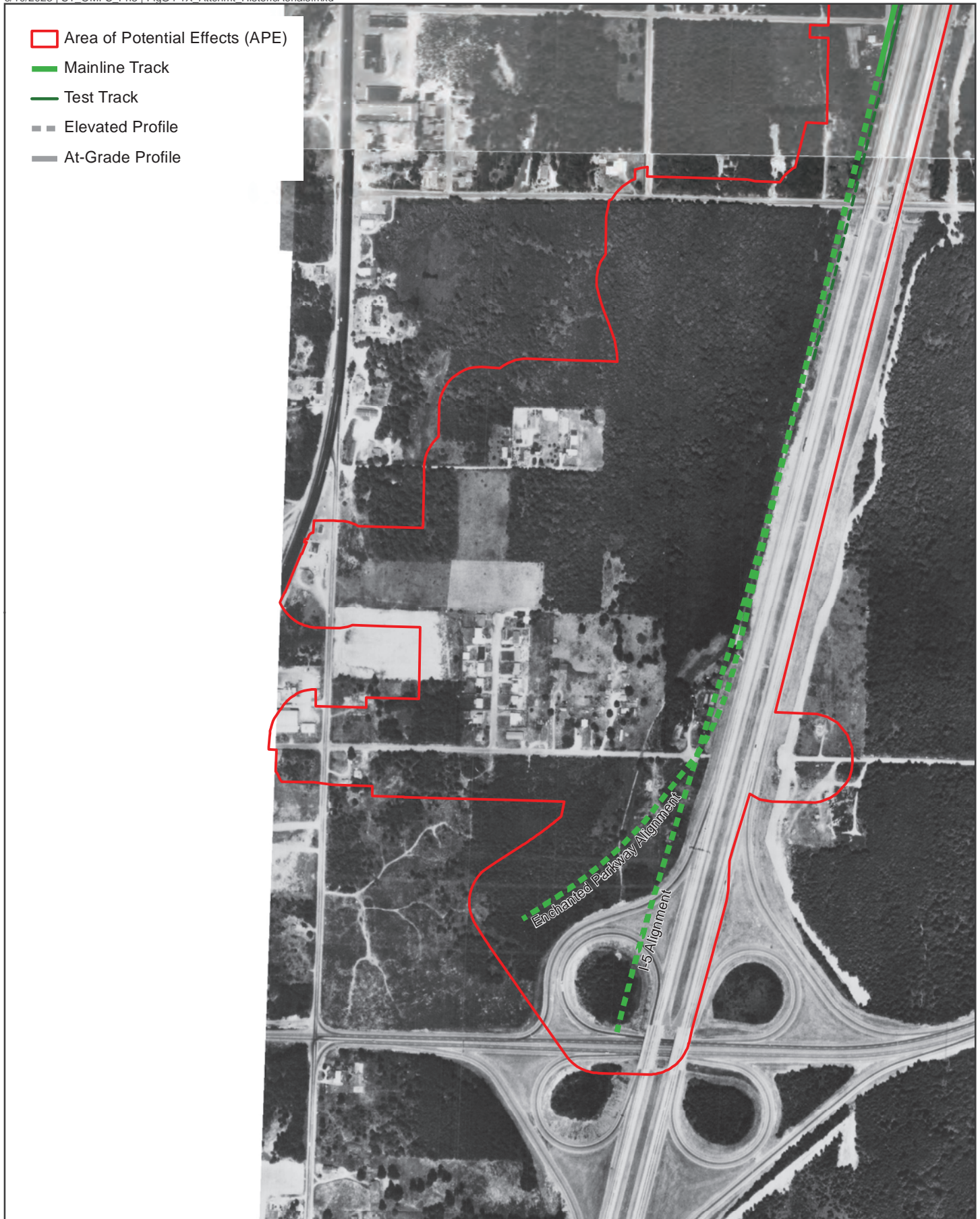


Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.17**  
 1957 Historic Aerial  
 South 344th Street Alternative  
 OMF South







Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.18**  
 1965 Historic Aerial  
 South 344th Street Alternative

OMF South



0 500 1,000 Feet

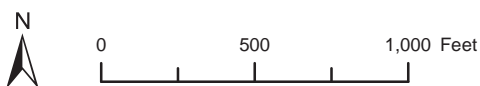




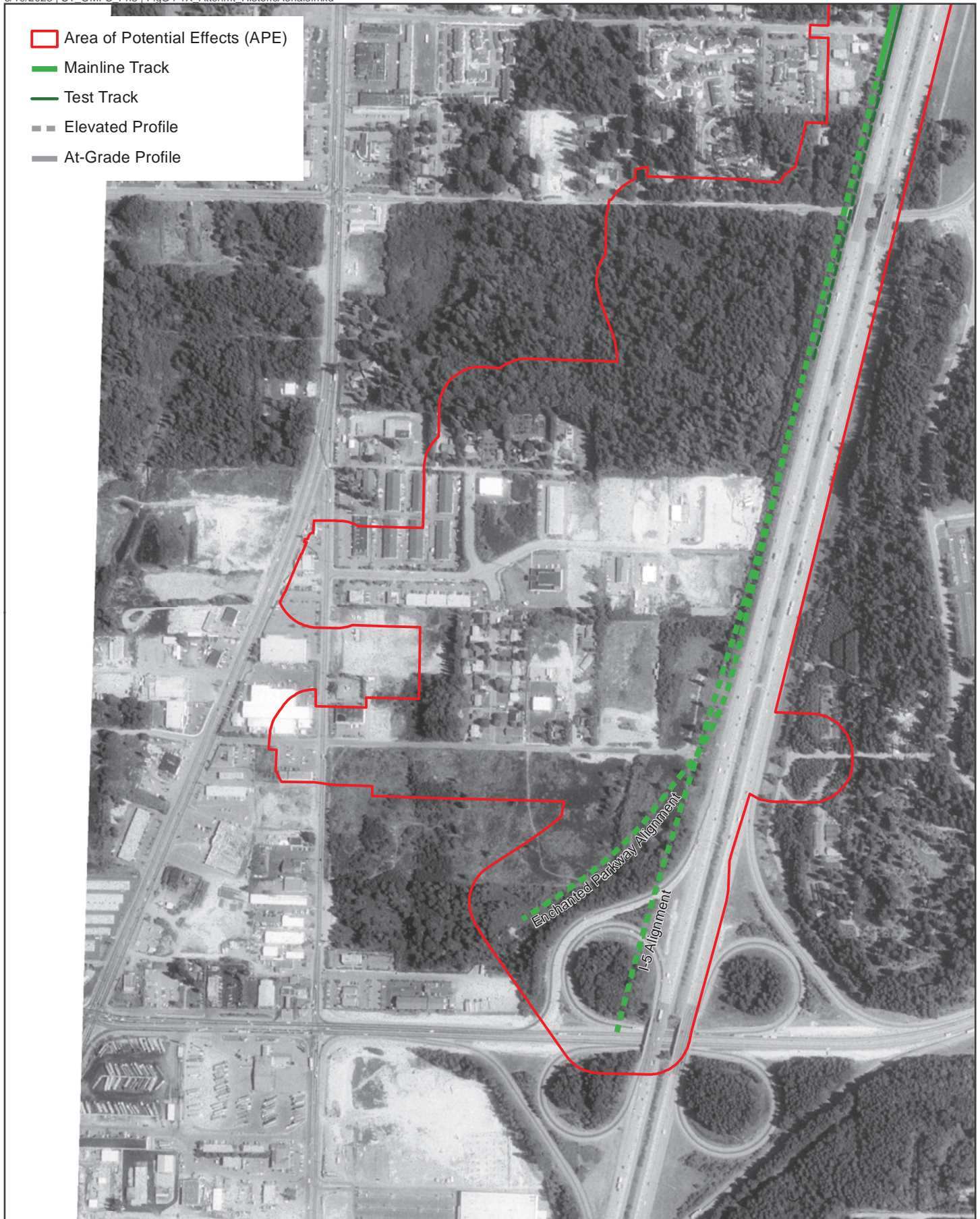
Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.19**  
1972 Historic Aerial  
South 344th Street Alternative

OMF South







Data Sources: King County Map Vault; EarthExplorer.

**FIGURE G4-1.20**  
 1991 Historic Aerial  
 South 344th Street Alternative  
 OMF South



0 500 1,000 Feet





# ATTACHMENT G4-2

## **Archaeological Shovel Probe Log**



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
1	NP6	1	28	Grey brown silty loam, 5% rounded gravels.	Negative	
		2	38	Light brown fine sandy loam, with 5% round gravels, concrete fragments.	Negative	
		3	48	Yellowish brown silty loam, 15% rounded to sub-rounded gravel - cobbles.	Negative	Glacial
		Lat (°N): -122.307762		Long (°W): 47.300495		Termination: Glacial Material
2	NP5	1	10	Loose dry non-plastic dark brown sandy loam with roots and 2% gravel. Gradual smooth transition.	Negative	
		2	25	Loose dry non-plastic brown sandy loam with roots 4% gravel - cobbles. Smooth sharp transition.	Negative	Charcoal 15 35-40cm. Root burn.
		3	50	Loose soil non-plastic tan orange sandy loam with roots and 10% gravel - cobbles. Smooth sharp transition.	Negative	
		4	64	Yellowish brown silty loam, 15% rounded to sub-rounded gravel - cobbles.	Negative	Glacial
		Lat (°N): 47.300473		Long (°W): -122.308160		Termination: Glacial Material
3	NP4	1	19	Grey brown silty loam, with 15% rounded to sub-rounded gravel - cobbles and rootlets.	Negative	
		2	38	Yellowish brown silty loam, 15% rounded to sub-rounded gravel - cobbles.	Negative	Glacial
		Lat (°N): 47.300528		Long (°W): -122.308511		Termination: Glacial Material
4	NP3	1	18	Grey brown silty loam, 15% rounded to sub-rounded gravel and cobbles.	Negative	
		2	29	Yellowish brown silty loam, 15% round to sub-rounded gravel - cobbles.	Negative	Glacial
		Lat (°N): 47.300473		Long (°W): -122.308833		Termination: Glacial Material
5	NP2	1	10	Loose hard dry non plastic dark brown sandy loam with many roots, 3% gravel. Clear smooth transition.	Negative	
		2	30	Dry loose non-plastic brown sandy loam, with many roots 5% gravel - cobbles. Sharp smooth transition.	Negative	
		2	40	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.300502		Long (°W): -122.309221		Termination: Glacial Material
6	NP1	1	5	Brown silty loam, 10% rounded gravels. Rootlets.	Negative	
		2	22	Brown silty loam, mottled with grey silty loam, with >5% gravels.	Negative	
		3	44	Yellowy brown fine sandy loam with 15% round - sub-rounded gravel and cobbles.	Negative	Glacial
		Lat (°N): 47.300515		Long (°W): -122.309532		Termination: Glacial Material



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
7	NC1	1	18	Dark brown soft moist loam, with 5% gravel and cobbles.	Negative	
		2	40	Grey brown moist semi-plastic sand-silt with clay pockets and 5% cobbles and gravel and charcoal.	Negative	
		3	60	Very loose moist non-plastic unsorted, brown and grey silty sand with 5% gravels and cobbles.	Negative	Auger beginning at 90cmbs
		4	105	Very loose, moist, non-plastic, unsorted, brown, grey, and orange silty sand with 5% gravels and cobbles.	Negative	
		5	110	Compact grey silt weathered to orange with >5% gravels.	Negative	Possible glacial material
		Lat (°N): -122.310115		Long (°W): 47.300388		Termination: Auger refusal
8	NC2	1	25	Dark brownish loam with plenty of organics, with 5% gravels.	Negative	
		2	27	Red loam. Decomposed cedar and bark.	Negative	
		3	55	Grey brown plastic and soft silt and coarse sand with 10% gravel and 5% cobble.	Negative	
		4	62	Grey and yellow brown silt and coarse sand with 10% gravels and cobbles.	Negative	Glacial
		Lat (°N): -122.310144		Long (°W): 47.300117		Termination: Glacial material
9	NC6	1	10	Humic layer. Brown loose loam with 10% round gravels.	Concrete 10+ cm	
		Lat (°N): -122.310060		Long (°W): 47.299762		Termination: Concrete, possible utility
10	NC3	1	17	Dark brown soft and somewhat plastic silt/loam.	Negative	Fill
		2	40	Light brown dry soft and semi-plastic clayey silt with 5% pebbles.	Negative	Fill
		3	50	Gray slightly dry soft and semi-plastic clayey silt.	Negative	Fill
		4	55	Hard brown dry silt and coarse sand with 10% sub-rounded gravel.	Negative	Fill
		5	105	Grey highly plastic very soft clay with silt at top. Ground water at top.	Negative	
		Lat (°N): -122.310582		Long (°W): 47.299729		Termination: >100 cm
11	NC4	1	3	Black brown loam with loose organics.	Negative	
		2	25	Grey brown dry hard semi-plastic silty/clay with 5% gravels.	Negative	
		3	44	Grey brown and red brown silty/clay and burnt root.	Negative	
		4	50	Grey dry soft semi-plastic silty loam with >5% gravels.	Negative	
		5	54	Orange brown coarse sand and silt with 15% gravels.	Negative	Glacial
		Lat (°N): -122.310687		Long (°W): 47.299482		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
12	NC5	1	5	Humic layer. Loose dark brown loam.	Negative	
		2	45	Very loose soft non-plastic dry brown silt with fragments of hard grayish silt and 5% rounded gravel.	Negative	
		3	90	Very loose soft dry non-plastic silt with 5% rounded gravel.	Negative	
		4	95	Soft grey moist and highly plastic silty clay.	Negative	
		5	100	Unsorted, somewhat firm, moist, semi-plastic silt with 10% gravels.	Plastic film	
		Lat (°N): -122.311027		Long (°W): 47.299164		Termination: Depth
13	NC7	1	5	Humic layer. Brown loose loam with lots of organics.	Negative	
		2	55	Brown light brown loose semi coarse sand with 10% round gravels.	Negative	Construction fill.
		Lat (°N): -122.310746		Long (°W): 47.298896		Termination: Boulder
14	NC8	1	25	Humic layer. Dark brown loam with lots of organics and 5% rounded gravels.	Negative	
		2	55	Grey brown very compact coarse loam and sand with 10% rounded gravels.	Negative	Glacial
		Lat (°N): -122.311013		Long (°W): 47.298673		Termination: Glacial material
15	NC9	1	6	Dark brown soft slightly plastic loam.	Negative	
		2	25	Dry loose non-plastic tan/grey sandy loam, 15% sharp gravels and cobbles.	Negative	Glacial
		Lat (°N): -122.311195		Long (°W): 47.298475		Termination: Glacial material
16	NC17	1	10	Dark brown loose soft loam with 5% gravel.	Negative	On Levee
		2	50	Brown loose loam with 5% round to angular gravel.	Negative	
		3	65	Grey very compact semi-coarse sand with 10% sub-rounded gravels.	Negative	Glacial Outwash
		Lat (°N): 47.299613		Long (°W): -122.312386		Termination: Extreme compaction, boulder (Glacial Material)
17	NC16	1	7	Humic layer. Dark brown loam.	Negative	On Levee
		2	40	Very loose brown dry and non-plastic sandy silt with 8% gravel to cobbles.	Negative	
		3	52	Dry loose non-plastic tan/grey sandy loam, 15% gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.299137		Long (°W): -122.312447		Termination: Glacial material
18	NC10	1	25	Brown compact loam with 15% sub-angular gravels.	Negative	
		2	40	Orange brown very compact silty loam with 10% rounded gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.298578		Long (°W): -122.312419		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
19	NC11	1	5	Humic layer. Soft moist dark brown loam.	Negative	
		2	18	Dark brown soft and non-plastic loose silt with 8% coarse sand to small rounded cobbles.	Negative	
		3	26	Orange brown unsorted silt to large rounded pebbles.	Negative	Glacial
		Lat (°N): 47.298557		Long (°W): -122.312693		Termination: Glacial material
20	NC12	1	10	Humic layer. Brown dark loam with >5% gravels.	Negative	
		2	20	Loose brown loam with 5% gravels.	Negative	
		3	30	Brown and red sand with 10% rounded gravels.	Negative	Glacial
		Lat (°N): 47.299120		Long (°W): -122.313082		Termination: Glacial material
21	NC13	1	15	Humic layer. Dark brown loam.	Negative	
		2	62	Loose dark brown dry and non-plastic silt to sand with 5% rounded gravel with occasional slate fragments. Lens of firm grey clay between 42-54 and 35-39 disrupted halfway through the probe.	Negative	
		3	72	Non plastic very compact very coarse sand with 15+% gravels.	Negative	Compacted stream bed
		Lat (°N): 47.299358		Long (°W): -122.313077		Termination: Refusal: Cobbles
22	NC14	1	20	Humic fill. Brown loose fill.	Negative	
		2	70	Dark brown compact fill.	Negative	
		Lat (°N): 47.299387		Long (°W): -122.312791		Termination: Refusal- Cobbles
23	NC15	1	10	Dark brown loose loam with >5% gravels and rootlets.		
		2	30	Brown loose loam with 5% rounded gravels.	Red roof tile. Not historic.	
		3	45	Red-brown loose loam with 5% rounded gravels.	Negative	
		4	50	Orange brown coarse sand with 5-10% gravels.	Negative	Glacial
		Lat (°N): 47.299124		Long (°W): -122.312808		Termination: Glacial material
24	NP14	1	5	Blackish brown silty loam, with many rootlets.	Negative	
		2	15	Grey fine sandy loam, 15% sub-rounded to sub-angular gravel - cobbles, very compact.	Negative	Fill. Highly compacted access roadway
		Lat (°N): 47.298583		Long (°W): -122.312045		Termination: Roadway
25	NP15	1	20	Brown silty loam, many rootlets.	Negative	
		2	24	Yellowish brown fine sandy loam with 15% rounded to sub-rounded gravel - cobbles.	Negative	Glacial
		Lat (°N): 47.298337		Long (°W): 47.298337		Termination: Glacial material
26	NP16	1	14	Grey fine sandy loam, 15% sub-rounded to sub-angular gravel - cobbles, very compact. Covered in light vegetation.	Negative	Compacted glacial covered in light vegetation
		Lat (°N): 47.298073		Long (°W): -122.312004		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
27	NP17	1	6	Humic layer loose dry non-plastic dark brown sandy loam, with 2% gravel.	Negative	
		2	57	Grey fine sandy loam, 15% sub-rounded to sub-angular cobbles and gravels, very compact.	Negative	Fill
		3	60	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.298381		Long (°W): -122.311645		Termination: Glacial material
28	NP18	1	10	Brown silty loam, many rootlets.	Negative	
		2	22	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.298301		Long (°W): -122.311218		Termination: Glacial material
29	NP19	1	7	Humic layer. Loose dry non-plastic dark brown sandy loam, with 3% gravels. Sharp transition.	Negative	
		2	38	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.298129		Long (°W): -122.311003		Termination: Glacial material
30	NP20	1	8	Humic layer. Brown silty loam.	Negative	
		2	35	Yellowish brown silty loam, with 15% rounded to sub-rounded cobbles and gravels and rootlets.	Negative	Glacial
		3	42	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.297936		Long (°W): -122.310704		Termination: Glacial material
31	NP21	1	27	Humic layer. Loose dry, non-plastic, dark brown, sandy loam, with 1% gravel. Smooth gradual transition.	Negative	
		2	70	Dry loose non-plastic dark brown sandy loam, 15% gravels and cobbles.	Negative	Fill
		Lat (°N): 47.297940		Long (°W): -122.310179		Termination: Refusal- root
32	NP22	1	5	Humic layer. Loose dry, non-plastic dark brown, sandy loam, with 1% gravels.	Negative	
		2	32	Yellowish brown compact silty loam, 15% rounded to sub-rounded cobbles and gravels.	Negative	Glacial
		Lat (°N): 47.297913		Long (°W): -122.309790		Termination: Glacial material
33	NP23	1	8	Blackish brown silty loam, with rootlets.	Negative	
		2	38	Yellowish brown compact silty loam, 15% rounded to sub-rounded cobbles and gravels.	Negative	Glacial
		Lat (°N): 47.297923		Long (°W): -122.309523		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
34	NP24	1	8	Dark brown silty loam, with many rootlets.	Negative	
		2	34	Yellowish brown compact silty loam, 15% rounded to sub-rounded cobbles and gravels.	Negative	Glacial
		3	44	Grayish brown sandy loam, 15% rounded to sub-rounded cobbles and gravel.	Negative	Glacial
		Lat (°N): 47.297929		Long (°W): -122.308835		Termination: Glacial material
35	NP25	1	10	Brown silty loam, many rootlets.	Negative	
		2	29	Yellowish brown fine sandy loam, 15% sub-rounded to sub-angular cobbles and gravels.	Negative	Glacial
		3	39	Grayish brown sandy loam, 15% rounded to sub-rounded cobbles and gravel.	Negative	Glacial
		Lat (°N): 47.297901		Long (°W): -122.308488		Termination: Glacial material
36	NP26	1	6	Humic layer. Brown silty loam, many rootlets.	Negative	
		2	25	Yellowish brown fine sandy loam, with 15% rounded to sub-rounded cobbles and gravels.	Negative	Glacial
		3	35	Grayish brown sandy loam, 15% rounded to sub-rounded cobbles and gravel.	Negative	Glacial
		Lat (°N): 47.297840		Long (°W): -122.308203		Termination: Glacial material
37	NP27	1	15	Dark brown silty loam, with many roots.	Negative	
		Lat (°N): 47.297637		Long (°W): -122.308197		Termination: Extensive root system
38	NP28	1	10	Dark brown silty loam, with many rootlets.	Negative	
		Lat (°N): 47.297391		Long (°W): -122.308154		Termination: Utilities (PVC pipe)
39	NP29	1	7	Dark brown silty loam with many rootlets.	Negative	
		2	32	Yellowish brown fine sandy loam, 15% rounded to subrounded cobbles and gravels.	Negative	Glacial
		Lat (°N): 47.297291		Long (°W): -122.308198		Termination: Glacial material
40	NP7	1	4	Humic layer. Loose dry non-plastic dark brown sandy loam with 4% gravel. Clear smooth transition.	Negative	
		2	24	Loose damp, non-plastic brown sandy loam, with 7% gravel - cobbles. Sharp smooth transition.	Negative	
		3	60	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.298063		Long (°W): -122.306225		Termination: Glacial Material
41	NP8	1	8	Brown silty loam, with grass rootlets.	Negative	
		2	12	Grey fine sandy loam with many round to sub-round gravel - cobbles. Very compact.	Negative	



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
		3	22	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.298111		Long (°W): -122.305770		Termination: Glacial Material
42	NP9	1	5	Humic layer. Brown gravelly fill.	Negative	
		2	30	Grey-brown sandy loam, with many rounded to sub-round gravels and cobbles.	Negative	Glacial
		Lat (°N): 47.298366		Long (°W): -122.306260		Termination: Glacial Material
43	NP10	1	14	Grey fine sandy loam, 15% sub-rounded to sub-angular gravel - cobbles, very compact.	Negative	Fill
		Lat (°N): 47.298413		Long (°W): -122.305910		Termination: Fill Verification (Mound created 2015-Google Earth)
44	NP11	1	15	Grey fine sandy loam, 15% sub-rounded to sub-angular gravel - cobbles, very compact.	Negative	Fill
		Lat (°N): 47.298368		Long (°W): -122.305510		Termination: Fill Verification (Mound created 2015-Google Earth)
45	NP12	1	12	Grey fine sandy loam, 15% sub-rounded to sub-angular gravel - cobbles, very compact.	Negative	
		Lat (°N): 47.298283		Long (°W): -122.305712		Termination: Fill Verification (Mound created 2015-Google Earth)
46	NP13	1	10	Grey fine sandy loam, 15% sub-rounded to sub-angular gravel - cobbles, very compact.	Negative	Fill
		Lat (°N): 47.298269		Long (°W): -122.306011		Termination: Fill Verification (Mound created 2015-Google Earth)
47 A	NC28A	1	15	Brown loose loam with 5% gravels.	Negative	
		2	20	Brick fragments in black loose semi-burnt soil.	Modern brick fragments and burnt unidentified material.	
		Lat (°N): -122.307409		Long (°W): 47.296970		Termination: Densely packed unset modern bricks
47B	NC28B	1	15	Brown loose loam with 5% gravels.	Negative	Offset 5-meters West of NC28A
		2	30	Skewed brick fragments in black loose semi-burnt soil.	Modern brick fragments two >1cm, clear glass fragments, one ceramic fragments, 1 stone brick, 1 fragment of charcoal	No diagnostic material
		3	40	Orange brown coarse sand with 15% rounded cobbles and gravel.	Negative	Glacial
		Lat (°N): -122.307454		Long (°W): 47.296941		Termination: Glacial material
48	NC29	1	8	Medium brown semi-plastic soft loam.	Negative	
		2	30	Poorly sorted loose non-plastic brown silt with 5% rounded cobbles.	Negative	
		3	42	Glacial Unsorted hard and nonplastic orange and brown silt with 10% rounded gravels.	Negative	
		Lat (°N):		Long (°W):		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
49	NP30	1	35	Grey fine compact sandy loam with 15% round to sub-rounded cobbles and gravels.	Negative	Modified gravel roadway, ca. 2005, utilities to east, boulder to north, slope west
		Lat (°N): 47.296648		Long (°W): -122.307306		Termination: Extreme compaction
50	NC30	1	15	Black brown soft wet semi-plastic loam.	Negative	
		2	45	Very compact grey sandy silty clay with 15+% sub-angular rounded gravels and 1 rounded boulder.	Negative	
		Lat (°N): -122.307462		Long (°W): 47.296493		Termination: Boulder and extreme compaction
51	NP31	1	35	Dark brown silty loam, with 15% subangular cobbles and gravels.	Brick fragments and burnt unidentified material.	SE corner of landform with utilities to east and south
		Lat (°N): 47.296287		Long (°W): -122.307250		Termination: Extreme compaction
52	NC20	1	60	Brown loose loam and sand with 15-20% gravels. Concrete rubble and cobbles.	Negative	Modern fill
		Lat (°N): -122.308395		Long (°W): 47.296557		Termination: Refusal
53	NC19	1	70	Modern fill. Brown loose loam with fine sand and 10% round gravels and 5% round cobbles.	Negative	
		Lat (°N): -122.308503		Long (°W): 47.296430		Termination: Concrete
54	NC18	1	15	Modern trash pile.	Negative	
		Lat (°N): -122.308681		Long (°W): 47.296289		Termination: Refusal / Concrete
55	NC27	1	1	Bark chips.	Negative	
		2	20	Moist, soft, grey, semi-plastic, silty loam.	Negative	Topsoil
		3	25	Grey and orange non-plastic and unsorted silt with 5% pebbles and gravels.	Negative	Glacial
		Lat (°N): -122.309580		Long (°W): 47.295965		Termination: Glacial material
56	NC26	1	1	Bark chips.	Negative	
		2	10	Moist, soft, grey, semi-plastic, silty loam.	Negative	Topsoil
		3	17	Grey and orange non-plastic and unsorted silt with 5% pebbles and gravels.	Negative	Glacial
		Lat (°N): -122.309985		Long (°W): 47.295748		Termination: Glacial material
57	NC25	1	20	Brown grey semi plastic loose loam with >3% rounded gravels.	Negative	Topsoil
		2	35	Orange mottled brown coarse sand with 10% rounded gravels.	Negative	Glacial
		Lat (°N): -122.309861		Long (°W): 47.295562		Termination: Glacial material
58	NC24	1	1	Bark chips.	Negative	
		2	10	Moist, soft, grey, semi-plastic, silty loam.	Negative	Topsoil
		3	30	Unsorted brown soft, loose, non-plastic silt with 5% subangular pebbles.	Negative	Modern fill
		Lat (°N): -122.309996		Long (°W): 47.295361		Termination: Sprinkler system
59	NC23	1	1	Bark chips.	Negative	



## OMF South: ATCRC Shovel Probe Log – First Field Session, February 2020 (continued)

SP	Field ID	Strata #	Depth (cm)	Description	Cultural Materials	Notes
		2	10	Topsoil. Moist, soft, grey, semi-plastic, silty loam.	Negative	
		3	15	Glacial Grey and orange non-plastic and unsorted silt with 5% pebbles and gravels.	Negative	
		Lat (°N): -122.309798		Long (°W): 47.295334		Termination: Glacial material
60	NC22	1	12	Dark brown loam soft and somewhat plastic clayey silt with high organic content.	Negative	In standing water
		2	20	Dark brown dry and loose non-plastic silt with low clay content.	Negative	
		3	30	Glacial Orange silt with small rounded gravel.	Negative	
		Lat (°N): -122.308641		Long (°W): 47.295251		Termination: Glacial material
61	NC21	1	12	Dark brown loam soft and somewhat plastic clayey silt with high organic content.	Negative	
		2	20	Dark brown dry and loose non-plastic silt with low clay content.	Negative	
		3	30	Orange silt with small rounded gravel.	Negative	Glacial
		Lat (°N): -122.308353		Long (°W): 47.295252		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – 45KI1542 Historic Period Foundation, June 2020

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes
01-1	C3	1	20	Dark brown loose, unsorted silty loam/trash.	Glass, plastic	
		2	78	Loose brown silty fill.	Negative	Moist below ~75 cm
		3	85	Beige, compact, unsorted silt to cobbles, 20% gravel-cobbles.	Negative	Glacial
		Latitude: -122.312232		Longitude: 47.299105	Termination: Glacial material	
01-2	C1	1	26	Medium brown loose, unsorted silty loam/trash, 25% gravel-gobbles.	Glass, hair band, plastic, charcoal	
		2	40	Compact, unsorted beige silt to cobbles, 40% gravel-cobbles.	Negative	Glacial
		Latitude: -122.312229		Longitude: 47.299061	Termination: Glacial material	
01-3	JM3	1	40	Dark brown silty loam and trash with gravel to cobbles.	Metal barrel tie fragment, twist knob, nail/key	
		2	70	Orangish brown glacial material with rodent burrows.	Negative	Glacial
		Latitude: -122.312128		Longitude: 47.299088	Termination: Glacial material	
01-4	C2	1	12	Dark brown loose, unsorted silty loam/trash, 20% gravel-cobbles.	Glass, metal fragments, cloth, plastic, terra cotta	
		2	60	Medium brown loose cobbly silt.	Negative	Fill
		3	100	Light gray sandy silty material	Negative	Fill (?) auger from 60 cmbs
		Latitude: 47.299046		Longitude: -122.312121	Termination: cobble layer	
01-5	JM1	1	25	Loose dark brown loam with modern debris.	Marbles, crack pipe	
		2	40	Light brown to light orange-brown sandy silt.	Sampling contaminated by wall collapse	Glacial
		Latitude: 47.299012		Longitude: -122.312236	Termination: Glacial material	
01-6	JM2	1	~15	Dark brown loam and modern trash.	Plastics, foil, charcoal, assorted modern trash	
		2	~35	Bright orange silt, mottled below 30 cm	Charcoal	Burned wood layer around 30 cm interrupting orange silt
		3	70	Mottled orange glacial material.	Negative	Glacial, auger from 60 cmbs
		Latitude: 47.299009		Longitude: -122.312164	Termination: Glacial material	
01-7	JM6	1	10	Dark brown loam and trash.	Glass, plastics, crack pipe	
		2	25	Mottled light brown silty sand with gravel-cobbles.	Red brick, Fiestaware fragments	
		3	60	Orange glacial material.	Negative	Glacial
		Latitude: 47.299021		Longitude: -122.312038	Termination: Glacial material	
01-8	C4	1	10	Dark brown loose, unsorted silty loam/trash.	Glass	
		2	40	Orange-beige compact, unsorted silt to pebbles.	Negative	Glacial
		Latitude: 47.298965		Longitude: -122.312216	Termination: Glacial material	
01-9	JM7	1	20	Dark brown loam.	Negative	
		2	50	Brown silty sand to sand with gravel and cobbles.	Negative	
		3	70	Orange glacial material.	Negative	Glacial
		Latitude: 47.298981		Longitude: -122.312023	Termination: Glacial material	



## OMF South: ATCRC Shovel Probe Log – 45KI1542 Historic Period Foundation, June 2020 (continued)

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes
01- 10	C5	1	8	Dark brown loose, unsorted silty loam/trash.	Glass shards, glass bottle, plastic shards, plastic bag, needle cap	
		2	25	Light brown gravelly silt.	Negative	Fill
		3	45	Light orange/beige compact, unsorted silt to cobbles.	Negative	Glacial
		Latitude: 47.298915		Longitude: -122.312232		Termination: Glacial material
01- 11	JM4	1	15	Brown loam	Negative	
		2	35	Orange glacial material	Negative	
		Latitude: -122.312134		Longitude: 47.298941		Termination: Glacial material
01- 12	JM5	1	10	Brown loam.	Melted glass, crack pipe fragment, glass fragments	
		2	20	Light brown loam.	Negative	
		3	30	Orange glacial material	Negative	Glacial
		Latitude: 47.298932		Longitude: -122.312071		Termination: Glacial material
01- 13	ND3	1	30	Black brown loose sandy loam with 5% rounded gravels.	Modern nails, glass, metal fragments @ 5 cm	
		2	40	Orange-brown compact coarse sand with 10-15% gravels.	Negative	Glacial
		Latitude: 47.298937		Longitude: -122.311991		Termination: Glacial material
01- 14	C6	1	26	Dark brown loose, unsorted silty loam/trash.	Glass, plastic	
		2	37	Orange-beige compact, unsorted silt to pebbles	Negative	Glacial
		Latitude: 47.298904		Longitude: -122.312152		Termination: Glacial material
01- 15	ND1	1	12	Black brown loose wet loam with 5% rounded gravels (3-7 cm).	Negative	
		2	33	Orange very compact coarse sand with 15% rounded gravel.	Negative	Glacial
		Latitude: 47.298935		Longitude: -122.311990		Termination: Glacial material
01- 16	C9	1	16	Dark brown loose, unsorted silty loam.	Negative	
		2	30	Dark beige compact, unsorted silt to cobbles.	Negative	Glacial
		Latitude: 47.298888		Longitude: -122.311991		Termination: Glacial material
01- 17	C10	1	20	Dark brown loose, unsorted silty loam	Aluminum can, brick, roof tile, metal rod	
		2	35	Beige, compact, unsorted silt to cobbles.	Negative	Glacial
		Latitude: 47.298863		Longitude: -122.312232		Termination: Glacial material
01- 18	C7	1	25	Dark brown loose, unsorted silty loam/trash.	Pants, shoe, reflector, glass	Moved, too close to ant colony
		2	35	Beige, compact, unsorted silt to cobbles, 40% gravel-cobbles	Negative	Glacial
		Latitude: 47.298860		Longitude: -122.312150		Termination: Glacial material
01- 19	C8	1	30	Dark brown loose, unsorted silty loam.	Negative	
		2	42	Orange-beige compact, unsorted silt to pebbles.	Negative	Glacial
		Latitude: 47.298855		Longitude: -122.312052		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – 45KI1542 Historic Period Foundation, June 2020 (continued)

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes
01- 20	ND2	1	20	Black brown loose sandy loam with 5% rounded gravels (3-7 cm).	Negative	
		2	35	Mixed brown loam and gray sand with 3% gravel (1-5 cm).	Negative	
		3	60	Red-brown sandy loam w/ 10% subangular gravel.	Negative	
		4	66	Orange-brown coarse sand with 10% subrounded gravel.	Negative	Glacial
		Latitude: 47.298866		Longitude: -122.311947	Termination: Glacial material / Aggressive ant attack	



## OMF South: ATCRC Shovel Probe Log – 45KI1543 Historic Period Debris Scatter, June 2020

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes
02- 1	ND4	1	5	Brown loose sandy loam.	6+ brick fragments	
					2 glass fragments	
					1 brown beer bottle	
		2	30	Brown loose sandy loam with layer of jumbled bricks.	12+ brick fragments	
					6+ roof tile fragments (smooth on one side)	
					3 clear glass shards	
		3	35	Gray and brown mottled soil with ceramic inclusions.	20+ small brick fragments (<5 cm)	
					4 large brick fragments	
					1 whole brick	
					2 plastic fragments	
		4	42	Gray silty loam with 5% rounded gravel.	None	Fill
		5	44	Brown/gray sandy loam with 5% rounded gravel.	None	Fill
		6	50	Orange/brown compact silt to coarse sand with 10% gravel.	None	Glacial
		Latitude: 47.296956		Longitude: -122.307414		Termination: Glacial material
02- 2	ND5	1	20	Brown loose sandy loam with 5% rounded gravel and 5% brick fragments.	12+ brick fragments	
		2	30	Brick rubble and charcoal in sandy loam.	None	
		Latitude: 47.296985		Longitude: -122.307412		Termination: brick density
02- 3	ND6	1	20	Brown loose sandy loam with 5% gravel and 5% brick fragments.	None	Whole brick density at 20 cm
		Latitude: 47.297003		Longitude: -122.307413		Termination: brick density
02- 4	ND7	1	22	Brown loose sandy loam with 5% gravel.	2 ceramic fragments	
		2	32	Orange compact silt to coarse sand with 10% rounded gravel.	None	Glacial
		Latitude: 47.297017		Longitude: -122.307409		Termination: Glacial material
02- 5	ND8	1	12	Brown loose sandy loam with 5% rounded gravel.	None	Fill
		2	25	Orange/brown compact silt to coarse sand with 10% rounded gravel.	None	Glacial
		Latitude: 47.297033		Longitude: -122.307411		Termination: Glacial material
02- 6	ND12	1	20	Brown loose sandy loam with 5% rounded gravel.	None	Fill
		2	30	Orange compact silt to coarse sand with 15% rounded gravel.	None	Glacial
		Latitude: 47.297013		Longitude: -122.307459		Termination: Glacial material
02- 7	ND11	1	20	Brown loose sandy loam with 5% rounded gravel.	None	Fill
		2	40	Orange/brown compact silt to coarse sand with 10% rounded gravel.	None	Glacial
		Latitude: 47.296988		Longitude: -122.307460		Termination: Glacial material

## OMF South: ATCRC Shovel Probe Log – 45KI1543 Historic Period Debris Scatter, June 2020 (continued)

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes
02- 8	ND10	1	25	Brown loose sandy loam with 5% rounded gravel and large cedar roots.	2 brick fragments between 10 and 15 cm	
		2	35	Orange/brown compact silt to coarse sand with 10% subrounded gravel.	None	
		Latitude: 47.296966		Longitude: -122.307455		Termination: Glacial material
02- 9	ND9	1	25	Brown loose sandy loam with 5% rounded gravel and 1 large (10 by 20 cm) angular cobble	5 brick fragments 1 charcoal fragment	
		2	36	Orange/brown compact silt to coarse sand with 10% subrounded gravel.	None	Glacial
		Latitude: 47.296943		Longitude: -122.307457		Termination: Glacial material
02- 10	ND13	1	16	Brown loose sandy loam with 5% rounded gravel.	1 brick fragment	
		2	26	Orange compact silt to coarse sand with 10% rounded gravel.	None	Glacial
		Latitude: 47.296931		Longitude: -122.307468		Termination: Glacial material
02- 11	ND14	1	20	Brown loose sandy loam with 10% rounded gravel	Plastic sheet at 20 cm	Fill
		2	37	Light brown loose sandy loam with 10% rounded gravel.	None	Fill
		3	43	Orange compact silt to coarse sand with 15% rounded gravel	None	Glacial
		Latitude: 47.296932		Longitude: -122.307493		Termination: Glacial material
02- 12	ND15	1	25	Brown loose sandy loam with 5% rounded gravel.	None	Fill
		2	35	Orange compact silt to coarse sand with 10% rounded gravel.	None	Glacial
		Latitude: 47.296933		Longitude: -122.307517		Termination: Glacial material
02- 13	C11	1	20	Loose brown sandy cobbly loam and brick fragments.	5 clear unleaded glass shards, 1-2 cm	
					2 leather patches, 1-4 cm	
					1 plastic fragment, 3 cm	
					~50 brick fragments, 0.5-10 cm	
		2	36	Gray sand and brick.	13 clear unleaded glass shards	
					4 whole bricks	
					~30 brick fragments	
		3	46	Compact cobbly brown silt to sand.	None	Glacial
		Latitude: 47.296937		Longitude: -122.307374		Termination: Glacial material
02- 14	C12	1	30	Loose brown silty loam and brick fragments with 10% gravel.	10 cm length wire	
					5 clear unleaded glass shards	
					~25 brick fragments, 0.5-10 cm	
		2	40	Compact cobbly brown silt to sand.	None	Glacial
		Latitude: 47.296937		Longitude: -122.307342		Termination: Glacial material
02- 15	C13	1	10	Extremely compact light gray silt with 5% rounded to subrounded gravel.	None	Pro-glacial lacustrine sediment
		Latitude: 47.296920		Longitude: -122.307271		Termination: Glacial material



## OMF South: ATCRC Shovel Probe Log – 45KI1543 Historic Period Debris Scatter, June 2020 (continued)

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes
02- 16	C14	1	29	Loose brown sandy loam and brick fragments with 10% gravel.	6 clear unleaded glass shards, 0.75-3 cm	
					1 fragment stone countertop, 8 cm	
					~50 brick fragments	
		2	39	Compact cobbly brown silt to sand	None	Glacial
Latitude: 47.296910				Longitude: -122.307430	Termination: Glacial material	
02- 17	C15	1	12	Loose brown sandy loam and brick fragments with 10% grave.l	5 clear unleaded glass shards, 0.25-3 cm	
					~60 brick fragments	
		Latitude: 47.296884				Longitude: -122.307433
02- 18	C16	1	21	Loose brown sandy loam and brick fragments with 10% grave.l	8 clear unleaded glass shards	
					1 white unleaded glass shard	
					1 green unleaded glass shard	
					~40 brick fragments	
		Latitude: 47.296854				Longitude: -122.307439
02- 19	C17	1	29	Loose brown sandy loam and brick fragments with 10% gravel.	~30 clear unleaded glass shards	
					2 white unleaded glass shards	
					1 green unleaded glass shard	
					2 leather patches	
					~40 brick fragments	
		2	39	Compact cobbly brown silt to sand	None	Glacial
		Latitude: 47.296816				Longitude: -122.307439
02- 20	C18	1	20	Loose brown sandy loam and brick fragments with 10% gravel to cobbles.	5 clear unleaded glass shards	
					2 white plastic fragments	
					2 leather patches	
					~30 brick fragments	
		2	30	Compact cobbly brown silt to sand	None	Glacial
		Latitude: 47.296775				Longitude: -122.307439
02- 21	C19	1	15	Loose brown sandy loam with 10% gravel.	1 white tile fragment	Fill
		2	25	Compact cobbly tan silt to sand	None	Glacial
		Latitude: 47.296706				Longitude: -122.307440
02- 22	ND16	1	15	Brown loose sandy loam with 5% rounded gravel.	None	Fill
		2	33	Extremely compact gray silt with 20% gravel to cobbles	None	Pro-glacial lacustrine sediment
		Latitude: 47.296682				Longitude: -122.307445
02- 23	C20	1	12	Loose brown silty loam with 10% gravel.	None	Fill
		2	40	Extremely compact light gray silt with 5% rounded to subrounded gravel and pebbles.	None	Pro-glacial lacustrine sediment
		Latitude: 47.296652				Longitude: -122.307450

## OMF South: ATCRC Shovel Probe Log – 45KI1543 Historic Period Debris Scatter, June 2020 (continued)

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes	
02- 24	C21	1	94	Compact pale to tan very fine arkosic sand with 10% gravel and cobbles.	Asphalt masses at 25-40 cm and 40-60 cm		
					Brick fragments below 50 cm		
		2	100	Extremely compact light gray very fine sand with gravel to cobbles.	None	Pro-glacial lacustrine sediment	
		Latitude: 47.296282		Longitude: -122.307344		Termination: Glacial material	
02- 25	C22	1	20	Compact brown sand with 10% gravel to cobbles	Unmarked PVC pipe	Fill	
		Latitude: 47.296281		Longitude: -122.307379		Termination: Unmarked PVC pipe pair, no wire found or odor detected	
02- 26	C22.1 Moved 30cm east	1	15	Loose light brown sandy loam with 3% pebbles.	None	Fill	
		2	45	Extremely compact light gray very fine sand with moderate mottling. Contains 20% gravel to small cobbles including identifiably metamorphic clasts.	None	Pro-glacial lacustrine sediment	
		Latitude: 47.296281		Longitude: -122.307379		Termination: Glacial material	
02- 27	AV1	1	10	Dark yellowish brown sandy loam with 30% sub round-subangular pebbles and cobbles.	3 brick fragments	Fill	
		2	22	Yellowish brown sandy loam with 40% sub round-angular pebbles and cobbles.	2 brick fragments	Fill	
		3	28	Light olive brown silty sand with 30% round pebbles, cobbles, and boulders.	3 brick fragments	Fill	
		4	45	Strong brown silty sand 45% round-angular pebbles, cobbles, and boulders.	None	Fill	
		5	70	Olive brown, silty sand with 45% round-sub round pebbles, cobbles, and boulders.	2 brick fragments	Fill	
		6	90	Light brownish grey silty sand with >45% round-sub round pebbles, cobbles, boulders	None	Fill	
		7	95	Light grey silt with 50% well rounded pebbles and cobbles.	None	Pro-glacial lacustrine sediment	
		Latitude: 47.296305		Longitude: -122.307311		Termination: Glacial material	
		Notes for SP: Auger and shovel refusal- breaker bar used to proceed with excavation from 15cm.					
		All strata boundaries are sharp, clear, and well defined.					



## OMF South: ATCRC Shovel Probe Log – 45KI1543 Historic Period Debris Scatter, June 2020 (continued)

SP	Field #	Strata #	Depth (cm)	Description	Cultural Materials	Notes	
02- 28	AV2	1	18	Very dark greyish brown sandy loam with 20% round-subangular pebbles and cobbles.	Numerous machine-made brick fragments, cut stone block fragments, a ceramic tile fragment, and charcoal films and degraded concentrations	Fill	
		2	20	Black sandy loam with 20% round-subangular pebbles and cobbles	Nondiagnostic clear glass fragments; numerous machine-made brick fragments, cut stone block fragments, a wire nail, an unidentified metal fragment, and charcoal films and degraded concentrations.	Fill	
		3	45	Yellowish brown silty sand with 35% rounded-subangular pebbles, cobbles, and boulders.	None	Fill	
		4	65	Brown silty sand 45% rounded-subangular pebbles, cobbles, and boulders.	None	Fill	
		5	90	Light grey silt with 45% well rounded pebbles and cobbles.	None	Pro-glacial lacustrine sediment from the early Vashon Stade	
		Latitude:47.296333			Longitude: -122.307309		Termination: Glacial material
		Notes for SP: Auger and shovel refusal, breaker bar used to proceed with excavation from 15cm.					
		All strata boundaries are sharp, clear, and well defined.					

## OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
1	50	0–30: 10YR 2/2; loose sandy loam with 10% 3–5 cm rounded gravel and many cedar roots; clear basal contact 30–40: Broken concrete and groundwater; clear basal contact 40–50: 10YR 3/2; fine sandy loam with 10% 5–10 cm rounded gravel <i>Terminated due to inhibitive cobbles and standing water</i>	No recovery
2	68	0–3: 7.5YR 2.5/1; black sandy loam and moss; clear basal contact 3–68: 7.5YR 5/1, 7.5YR 6/1; compact sand and gravel fill with subangular to rounded cobbles up to 20 cm; contains large pockets of mostly clean medium to coarse sand; fill to 68+ cmbs; slow groundwater seepage up to at least 65 cmbs <i>Terminated due to inhibitive cobbles</i>	No recovery
3	75	0–75: 10YR 4/1; compact very coarse sand with 25–50% 5–10 cm angular to rounded gravels, increasing with depth <i>Terminated due to inhibitive cobbles</i>	No recovery
4	120	0–20: 10YR 2/2; loam with 5% 3–5 cm subrounded gravel; clear basal contact 20–78: 10YR 3/6; loose sandy loam with 15% 3–5 cm subrounded gravel and 10–15 cm rounded cobbles; clear basal contact 78–120: 10YR 5/6; compact glacial sediments up to 15 cm subrounded gravel, increasing density and clast size with depth *Augered from 100 cmbs <i>Terminated due to inhibitive boulder</i>	No recovery
5	100	0–90: 10YR 4/3; sandy silt construction fill with abundant angular and subangular pebbles and small cobbles; many roots from 0–70 cm, one band of 10YR 4/2 fill at 20–25 cm; clear basal contact 90–100: Olive-brown glacial outwash; coarse sandy silt with common subrounded and subangular pebbles and small cobbles <i>Terminated due to inhibitive cobbles in glacial sediment</i>	80–90 cmbs: Temporally non-diagnostic metal/rubber fragment
6	77	0–20: 10YR 2/2; loose sandy loam with 10% rounded gravel; clear basal contact 20–40: Compact reddish sandy loam with 15% rounded gravel; gradual basal transition 40–77: 10YR 5/3; very compact sandy loam with 15% rounded gravel <i>Terminated due to inhibitive cobbles within glacial sediment</i>	No recovery
7	54	0–10: 10YR 2/2; loose sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 10–54: 10YR 5/3; increasingly compact sandy loam with 15% 3–10 cm subangular gravel <i>Terminated due to inhibitive cobbles</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
8	60	0–12: 10YR 2/2; loose sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 12–25: 10YR 5/5; fine sand; clear basal contact 25–60: 10YR 5/3; increasingly compact sandy loam with 15% 3–10 cm subangular gravel <i>Terminated due to inhibitive cobbles</i>	No recovery
9	55	0–30: 10YR 2/2; wet loam with 10% 3–5 cm rounded gravel; clear basal contact 30–55: 10YR 5/3; compact glacial sediments up to 10 cm rounded gravel with groundwater seepage <i>Terminated due to auger refusal in glacial and standing water</i>	No recovery
10	35	0–3: Black wood chips; clear basal contact 3–23: 7.5YR 3/2; wet plastic silt; clear basal contact 23–35: 2.5Y 7/3; compact glacial clay through 10 cm rounded pebbles; unsorted and plastic with groundwater saturation and rapid seepage *Augered from 24.5 cmbs <i>Terminated due to auger refusal in glacial and standing water</i>	No recovery
11	45	0–10: 10YR 2/2; loose, very clumpy loam with 10% 3–5 cm rounded gravel; clear basal contact 10–45: 10YR 5/3; very compact glacial sediments up to 10 cm rounded to subangular gravel <i>Terminated at depth in glacial sediment</i>	No recovery
12	50	0–40: 7.5YR 4/2; compact 5 cm angular gravel fill; fill to 40 cmbs; clear basal contact 40–50: 2.5Y 7/3; compact glacial clay through 15 cm rounded cobbles; unsorted and plastic <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
13	50	0–40: 7.5YR 4/2; soft, wet loam with rounded cobbles up to 20 cm; clear basal transition 40–50: 2.5Y 7/3; compact glacial clay through 20 cm rounded cobbles with groundwater saturation and rapid seepage *Augered from 42 cmbs <i>Terminated due to inhibitive cobbles and standing water</i>	No recovery
14	100	0–25: 10YR 4/2; loose clumpy sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 25–100: 10YR 5/3; compact glacial sediments up to 12 cm rounded to subangular gravel <i>Terminated at target depth in glacial sediment</i>	No recovery
15	52	0–6: 7.5 YR 3/2; roots and silty humic layer; gradual basal transition 6–45: 7.5YR 4/2; subrounded gravelly loam; clear basal contact 45–52: 2.5Y 7/3; compact glacial clay through 8 cm rounded gravel *Augered from 35 cmbs <i>Terminated due to inhibitive cobbles</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
16	45	0–20: 10YR 4/2; loose clumpy loam with 10% 3–5 cm rounded gravel; clear basal contact 20–45: 10YR 5/3; compact glacial clay through 12 cm subrounded to subangular pebbles <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
17	47	0–23: Subangular cobbles to boulders up to 25 cm diameter with accumulated conifer needles; original trench surfacing to 27 cmbs; clear basal contact 23–27: 7.5YR 4/2; subangular cobbles to 25 cm boulders in thin loam matrix; clear basal contact 27–47: 2.5Y 7/3; compact glacial clay through 10 cm rounded cobbles <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
18	70	0–20: 10YR 4/2; loose sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 20–70: 10YR 5/3; compact glacial sediments up to 12 cm subrounded to subangular pebbles <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
19	58	0–15: 2.5YR 3/2; humic layer and roots; gradual basal transition 15–58: 7.5Y 4/4; brown loam with 20% < 7 cm rounded gravel, two < 27 cm boulders, and large tree roots *Augered from 40 cmbs <i>Terminated due to inhibitive cobbles and tree roots</i>	No recovery
20	70	0–16: 10YR 2/2; loose clumpy loam with 10% 3–5 cm rounded gravel; clear basal contact 16–27: Large boulder 27–70: 10YR 5/3; compact glacial sediments up to 10 cm subrounded to subangular pebbles <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
21	100	0–25: 10YR 2/2; loose sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 25–100: 10YR 5/3; loose to increasingly compact coarse sandy glacial sediments *Augered from 98 cmbs <i>Terminated at auger refusal in glacial sediment</i>	No recovery
22	39	0–17: 7.5YR 3/2; loam; clear basal contact 17–39: 2.5Y 6/3; compact glacial clay through 10 cm rounded cobbles <i>Terminated at depth in glacial</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
23	91	0–22: 7.5YR 3/2; loam and roots; clear basal contact 22–90: 7.5YR 5/4, tinting to 2.5Y 6/3 with depth; silty sand with minor clay and 5–10% 1–8 cm rounded gravel; clear basal contact 90–91: Compact unsampled gravel or pebble surface with groundwater seepage *Augered from 49 cmbs <i>Terminated due to inhibitive gravel density, presumed glacial sediment</i>	No recovery
24	40	0–17: 7.5YR 3/2; loose loam with roots; clear basal contact 17–36: 7.5YR 4/2; sandy loam with > 20% rounded gravel up to 6 cm; clear basal contact 36–40: 2.5Y 6/3; compact glacial clay to rounded cobbles, attempted auger from 40 cm <i>Terminated due to inhibitive cobbles in glacial</i>	No recovery
25	35	0–17: 7.5YR 3/2; loose loam and roots; gradual basal transition 17–35: 7.5YR 3.5/2 to 7.5YR 4/2, tinting with depth; sandy loam with > 20% cobbles up to at least 6 cm <i>Terminated due to inhibitive cobbles</i>	No recovery
26	86	0–15: 7.5YR 4/1; loam; messy basal contact 15–65: 7.5YR 4/4; sandy loam with up to 15 cm rounded gravel and cobbles; clear basal contact 65–86: 2.5Y 6/3; wet glacial silt through 7 cm rounded gravel and cobbles of unknown size *Augered from 55 cmbs <i>Terminated due to inhibitive cobbles</i>	5 cmbs: Modern black plastic trash bag fragment
27	43	0–21: 7.5YR 3/1; gravelly loam with a 23 cm subrounded cobble; clear basal contact 21–43: 2.5Y 7/3; compact glacial clay through 25 cm rounded cobbles; soil is plastic even when relatively dry <i>Terminated at depth in glacial sediment</i>	5 cmbs: Temporally non-diagnostic paper and white plastic debris within top
28	95	0–16: 10YR 3/3; loose sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 16–45: 10YR 4/3; very loose fine sandy loam; clear basal contact 45–55: 10YR 5/6; loose sandy loam with 10% 3–10 cm rounded gravel; gradual basal transition 55–95: 10YR 5/4; compact glacial sediments with 15% 5–12 cm rounded cobbles <i>Terminated due to refusal in glacial sediment</i>	20–40 cmbs: Temporally non-diagnostic black plastic trash bag containing trash
29	75	0–19: 7.5YR 4/1; loam; slightly messy basal contact 19–55: 7.5YR 4/4; sandy loam with up to 8 cm rounded gravel; clear basal contact 55–75: 2.5Y 6/3; compact glacial clay through 8 cm rounded gravel and cobbles of unknown size *Augered from 52 cmbs <i>Terminated due to inhibitive cobbles</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
30	80	0–25: 10YR 3/3; loose clumpy sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 25–60: 10YR 6/1; loose to soft sandy loam with 10% 3–5 cm rounded gravel; gradual basal transition 60–80: 10YR 5/4; compact glacial sediments with 15% 3–10 cm rounded gravel <i>Terminated due to auger refusal in glacial sediment</i>	No recovery
31	70	0–17: 7.5YR 4/1; loam and roots; messy basal contact 17–60: 7.5YR 4/4; sand and up to 6 cm gravel with silt; clear basal contact 60–70: 2.5Y 6/3; compact glacial clay through 10 cm pebbles and cobbles of unknown size *Augered from 50 cmbs <i>Terminated due to inhibitive cobbles</i>	No recovery
32	110	0–5: 10YR 2/2; wet clumpy sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 5–80: 10YR 5/4; loose sandy loam with 10% 3–7 cm rounded gravel; clear basal transition 80–110: 10YR 6/3; compact clayey loam with 5% 3–5 cm rounded gravel *Augered from 100 cmbs <i>Terminated at depth in standing water</i>	No recovery
33	62	0–51: 7.5YR 4/2; loam with up to 15 cm cobbles and many roots; clear basal contact 51–62: 2.5Y 6/3; compact glacial clay through 8 cm gravel and cobbles of unknown size *Augered from 48 cmbs <i>Terminated due to inhibitive cobbles</i>	No recovery
34	70	0–60: 10YR 2/2; loose to compact sandy loam with 5% 3–5 cm rounded gravel and large roots; clear basal contact 60–70: 10YR 5/3; compact glacial sediments with 15% 3–12 cm rounded to subangular cobbles <i>Terminated due to inhibitive cobbles and roots</i>	No recovery
35	62	0–10: 7.5YR 3/1; humic layer; gradual basal transition 10–52: 7.5YR 3/2; organics–rich, slightly sandy loam with < 10% gravel and pebbles and thick roots; clear basal contact 52–62: 7.5YR 4/4; sandy loam with < 10% rounded gravel and thick tree roots *Augered from 45 cmbs <i>Terminated due to inhibitive tree roots</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
36	90	0–12: 10YR 2/2; loose sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 12–30: 10YR 4/6; compact sandy loam with 10% 3–5 cm rounded gravel; gradual basal transition 30–90: 10YR 5/3; compact coarse sand with 15% 5–10 cm rounded gravel <i>Terminated due to inhibitive cobbles</i>	No recovery
37	74	0–15: 7.5YR 3/2; loam and roots; messy basal contact 15–55: 7.5YR 4/4; sandy loam with up to 15 cm rounded cobbles; clear basal contact 55–74: 2.5Y 6/3; compact glacial clay through 15 cm rounded cobbles *Augered from 57 cmbs <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
38	85	0–57: 10YR 2/2; loose, very cobbly sandy loam with 15% 3–5 cm rounded gravel and 10–15+ cm rounded pebbles; clear basal contact 57–85: 10YR 5/3; wet clayey loam with 15% 5–10 cm rounded gravel <i>Terminated due to auger refusal below groundwater</i>	No recovery
39	42	0–14: Gray gravelly sandy loam with rounded clasts up to 6 cm in diameter, likely weathered glacial deposits; gradual basal transition 14–42: 2.5Y 6/2; somewhat compact but mostly loose and nonplastic very fine sand through 15 cm rounded cobbles, likely glacial outwash <i>Terminated at depth in glacial sediment</i>	No recovery
40	75	0–38: 10YR 2/2; loose clayey loam with 10% 3–5 cm rounded gravel; clear basal contact 38–50: 10YR 6/3 to 10YR 5/3, shading with depth; moderately compact sandy loam with 10% 3–10 cm rounded gravel; gradual basal transition 50–75: 10YR 5/3; compact sandy loam with 15% 3–10 cm rounded gravel <i>Terminated due to auger refusal</i>	No recovery
41	24	0–20: 7.5YR 3/2; loam, groundwater seepage below 5 cmbs; fill to 25+ cmbs; clear basal contact 20–24: Wet light brown silt through rounded cobbles of unknown size, probably glacial; attempted auger from 22 cmbs, lack of retrieval <i>Terminated due to sidewall collapse and lack of retrieval in standing water</i>	No recovery
42	25	0–25: 10YR 5/2; 70% 1–3 cm and 5–10 cm angular to rounded gravel fill with a coarse sand matrix; groundwater seepage; fill to 42 cmbs <i>Terminated due to inhibitive cobbles in standing water</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
43	53	0–5: 7.5YR 3/1; gravelly loam; gradual basal transition 5–42: 2.5Y 6/2; compact gravel fill with asphalt chunks up to 23 cmbs; clear basal contact 42–53: 7.5YR 4/4; sandy loam and wood fragments with sparse rounded gravel; attempted auger from 52 cmbs <i>Terminated due to refusal on large cobble</i>	No recovery
44	40	0–30: 10YR 5/1; compact 70% 3–10 cm angular gravel fill with a coarse sand matrix; fill and concrete to 40+ cmbs; groundwater seepage; clear basal contact 30–40: 10YR 3/1; very compact sandy loam with 30% 3–7 cm rounded gravel <i>Terminated at concrete blockage in standing water</i>	No recovery
45	25	0–25: 2.5Y 6/2; compact gravel fill, groundwater seepage below 20 cmbs; fill to 25+ cmbs <i>Terminated due to compact gravel and standing water</i>	No recovery
46	30	0–10: 10YR 5/1; compact 70% 3–10 cm angular gravel fill with a coarse sand matrix; fill to 30+ cmbs; clear basal contact 10–30: Black, very compact 3–5 cm angular gravel fill with a coarse sand matrix <i>Terminated due to inhibitive fill density</i>	No recovery
47	80	0–30: 10YR 5/1; compact 70% 3–10 cm angular gravel fill with a coarse sand matrix; fill to 30 cmbs; clear basal contact 30–70: 10YR 3/1; compact sandy loam with 10% 3–5 cm rounded gravel; clear basal contact 70–80: 10YR 5/3; compact sandy glacial sediments with 15% 3–10 cm angular to rounded gravel <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
48	30	0–10: 10YR 2/2; loose wet clayey loam with 3% gravel; clear basal contact 10–30: 10YR 5/3; very compact wet glacial sediments with 15% rounded to angular gravel <i>Terminated at depth in glacial sediment</i>	No recovery
49	36	0–15: 7.5YR 4/4; loam and grass roots; imported topsoil to 15 cmbs; clear basal contact 15–36: 2.5Y 7/4; compact glacial clay to 14 cm rounded cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
50	45	0–25: 10YR 2/2; loose wet clayey loam with 3% gravel; clear basal contact 25–45: 10YR 5/4; very compact glacial sediments with 15% rounded to angular gravel; groundwater seepage <i>Terminated at depth in glacial sediment</i>	No recovery



## OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
51	33	0–27: 7.5YR 4/4; wet loam and grass roots; imported topsoil to 27 cmbs; clear basal contact 27–33: 2.5Y 7/4; compact glacial clay through 10 cm cobbles, groundwater seepage below 28 cmbs <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
52	40	0–20: 10YR 2/2; loose wet clayey loam with 3% 3–5 cm rounded gravel; clear basal contact 20–40: 10YR 5/4; very compact sandy glacial sediments with 15% 3–7 cm rounded to angular gravel <i>Terminated at depth in glacial and standing water</i>	No recovery
53	39	0–27: Brown loam and grass roots with rounded cobbles up to 14 cm; imported topsoil to 27 cmbs; clear basal contact 27–39: 2.5Y 7/4; compact glacial clay to 20 cm rounded cobbles with slow groundwater seepage <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
54	60	0–15: 10YR 2/2; very loose sandy loam with 3% 3–7 cm rounded gravel; clear basal contact 15–20: 10YR 5/3; very loose fine sand; clear basal contact 20–60: 10YR 2/2; very loose sandy loam with 5% 3–5 cm rounded gravel <i>Terminated due to inhibitive boulder</i>	No recovery
55	100	0–90: 10YR 3/2; loose fine sand; clear basal contact 90–100: 10YR 5/3; very compact sandy glacial sediments with 15% 3–10 cm rounded gravel. *Augered from 90 cmbs <i>Terminated due to auger refusal in glacial sediment</i>	No recovery
56	42	0–12: Subangular clean gravel fill; fill to 42 cmbs; clear basal contact 12–42: 10YR 4/2; sandy loam fill with rounded gravel and cobbles up to 20 cm <i>Terminated due to inhibitive tree roots</i>	No recovery
57	60	0–60: 7.5YR 5/1, 7.5YR 6/1; compact sand and gravel fill with < 20 cm subangular to rounded cobbles and asphalt chunks; contains pockets of mostly clean medium to coarse sand; moderate groundwater seepage up to 50 cmbs; fill to 60+ cmbs <i>Terminated due to inhibitive cobble and standing water</i>	No recovery
58	80	0–20: 10YR 3/2; sandy loam with 5% 3–5 cm rounded gravel; clear basal contact 20–40: 10YR 5/2; very compact coarse sandy loam with 18% 3–10 cm subrounded to subangular gravel; clear basal contact 40–80: 10YR 5/4; clayey loam with 5% 3–5 cm rounded gravel; groundwater seepage below 40 cmbs <i>Terminated due to sidewall collapse and infill</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
59	50	0–20: 10YR 2/2; loose humic layer with 5–10% 3–5 cm subrounded gravel and abundant roots; clear basal contact 20–50: 10YR 5/4; very wet loose loam with 5% 1–3 cm rounded gravel and 5% 5–10 cm rounded pebbles <i>Terminated due to sidewall collapse and infill</i>	No recovery
60	26	0–26: 7.5YR 4/3; loose brown gravelly loam and roots with rounded cobbles up to 18 cm in diameter; groundwater saturation and rapid seepage below 22 cmbs leading to sidewall collapse <i>Terminated due to sidewall collapse and infill</i>	No recovery
61	30	0–30: 7.5YR 4/3; loose brown gravelly loam and tree roots with rounded pebbles up to 12 cm diameter; groundwater saturation and rapid seepage below 24 cmbs leading to sidewall collapse; small oil slicks on pooled groundwater <i>Terminated due to sidewall collapse and infill</i>	No recovery
62	73	0–22: 5YR 3/2; brown loam with abundant rounded gravel and cobbles up to 18 cm in diameter; clear basal contact 22–73: 5Y 6/3; beige clayey silt with minor sand; fine sediments are fairly clean near the top with < 15% rounded 1 cm gravel increasing to > 25% rounded 16 cm cobbles; soil is highly plastic when wet, contains minimal iron staining next to some clasts; very slow groundwater seepage up to 72 cmbs <i>Terminated due to inhibitive cobbles</i>	No recovery
63	50	0–50: 10YR 5/3; compact coarse sandy loam with 15% 3–5 cm rounded gravel and 10–12 cm rounded cobbles <i>Terminated due to inhibitive cobbles</i>	No recovery
64	85	0–35: 10YR 2/2; clumpy loose wet loam with 10% rounded 3–5 cm gravel; clear basal contact 35–85: 10YR 5/4; compact wet sandy loam with 15% rounded 3–10 cm gravel *Augered from 14 cmbs <i>Terminated due to refusal</i>	No recovery
65	57	0–20: 10YR 3/4; loam with small subrounded gravel; clear basal contact 20–30: 10YR 5/6; clayey loam with gravel and small pebbles; gradual basal transition 30–57: 10YR 4/6; silty sand with abundant subrounded gravel and pebbles <i>Terminated at depth in glacial sediments</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
66	70	0–20: 10YR 2/2; loose wet loam with 10% angular 3–5 cm gravel; fill; clear basal contact 20–50: 10YR 5/2; compact coarse sandy loam with 10% rounded to angular 3–10 cm gravel; mixed fill and disturbed glacial; clear basal contact 50–70: 10YR 5/3; compact coarse sandy loam with 15% subrounded to subangular 3–10 cm gravel *Augered from 50 cmbs *Water table at 50 cmbs <i>Terminated due to refusal in glacial sediment</i>	No recovery
67	45	0–25: 10YR 3/4; loam with small subrounded gravel; clear basal contact 25–45: 10YR 4/6; silty sands with abundant subrounded to angular pebbles and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
68	110	0–110: 10YR 6/1; coarse sand with 20% rounded 1–7 cm gravel <i>Terminated due to refusal</i>	No recovery
69	30	0–10: 10YR 3/4; loam with small subrounded gravel; clear basal contact 10–30: 10YR 4/6; saturated silty sands with subrounded gravel and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
70	60	0–30: 10YR 2/2; sandy loam with 10% rounded 3–8 cm gravel; clear basal contact 30–60: 10YR 4/3; clayey loam with > 3% rounded 1–3 cm gravel and groundwater <i>Terminated due to refusal</i>	No recovery
71	50	0–20: 10YR 3/4; loam with small subrounded gravel; gradual basal transition 20–30: 10YR 4/6; loam with no gravel; gradual basal transition 30–50: 10YR 4/6; silty sands with subrounded gravel and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
72	80	0–10: 10YR 2/2; loose humic loam with 5% rounded 3–5 cm gravel; clear basal contact 10–55: 10YR 4/3; compact medium to fine sand with 10% rounded 3–5 cm gravel; clear basal contact 55–80: 10YR 5/3; silty loam with 15% subangular 5–7 cm gravel *Augered from 55 cmbs <i>Terminated due to refusal in glacial sediment</i>	No recovery
73	35	0–20: 10YR 3/4; loam with small subrounded gravel; clear basal contact 20–35: 10YR 4/6; silty sands with subrounded gravel and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery

## OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
74	35	0–5: 10YR 3/4; loam with small subrounded gravel; clear basal contact 5–35: 10YR 4/6; silty sands with subrounded gravel and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
75	60	0–10: 10YR 2/2; humic loam with 5% rounded 3–5 cm gravel; clear basal contact 10–50: 10YR 5/3; compact sandy loam with 10% subangular to rounded 3–10 cm gravel 50–60: 10YR 2/4; sandy loam with 5% rounded gravel and roots <i>Terminated due to refusal on roots</i>	No recovery
76	75	0–1.3: 10YR 2/2; humic loam with 5–10% rounded 3–8 cm gravel; clear basal contact 1.3–50: 10YR 5/3; silty sandy loam with 15% subangular to rounded 5–7 cm gravel; gradual basal transition 50–75: 10YR 5/3; silty loam with > 3% rounded gravel *Augered from 50 cmbs <i>Terminated at depth in glacial with auger refusal</i>	No recovery
77	40	0–20: 10YR 3/4; loam with small subrounded gravel and many small roots; gradual basal transition 20–40: 10YR 4/6; clay through sand with subrounded pebbles and cobbles and many roots <i>Terminated at depth in glacial, on inhibitive root</i>	No recovery
78	80	0–40: 10YR 3/2; slightly sticky gravelly sandy loam with common rounded to subrounded pebbles and small cobbles; gradual basal transition 40–50: 10YR 4/4; gravelly sandy loam with common rounded to subrounded pebbles and small cobbles 50–70: 5YR 4/4; saturated, possibly burnt sandy silt with abundant subrounded to subangular pebbles 70–80: 2.5Y 6/2; silty sand outwash with abundant subrounded to subangular pebbles *Augered from 65 cmbs <i>Terminated due to hole collapse from groundwater</i>	No recovery
79	30	0–10: 10YR 2/2; loose sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–30: 10YR 5/3; very compact coarse sandy loam with 15% subrounded 5–10 cm gravel <i>Terminated due to refusal at depth in glacial sediment</i>	No recovery
80	40	0–10 10YR 3/4; Silt loam with no gravels; gradual boundary 10–20: 10YR 4/6; Silty sandy loam with some subrounded pebbles; abrupt boundary 20–40: 10YR 6/3; sandy clayey loam with abundant subrounded to angular gravel and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
81	45	0–45: 10YR 2/2; wet sandy loam with 5% rounded 3–5 cm gravel. <i>Terminated in groundwater</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
82	30	0–3: 10YR 3/4; loam; gradual basal transition 3–13: 10YR 4/6; sandy loam; clear basal contact 13–30: 10YR 6/3; sandy clayey loam with abundant subrounded to angular gravel and cobbles; groundwater at 25 cmbs <i>Terminated in groundwater within glacial sediment</i>	No recovery
83	40	0–10: 10YR 2/2; loose sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–40: 10YR 2/2; wet sandy loam and coarse sands with 5% rounded gravel and 5% wood chips; standing water at 10 cmbs; fill <i>Terminated in groundwater</i>	No recovery
84	60	0–5: 10YR 2/2; loose sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 5–15: 10YR 5/2; compact sandy loam with 15% subrounded gravel; disturbed glacial; clear basal contact 15–50: 10YR 2/2; loose sandy loam with 5% rounded gravel and 5% woodchips; fill; clear basal contact 50–60: 10YR 5/2; very compact sandy loam with 15% subrounded 5–10 cm gravel <i>Terminated due to refusal in glacial sediment</i>	No recovery
85	30	0–30: 10YR 3/4; saturated, slightly compact sandy loam with some subrounded gravels and cobbles; standing groundwater near 30 cmbs <i>Terminated in groundwater with sidewall collapse</i>	No recovery
86	40	0–25: 10YR 3/4; sandy loam with no gravel; gradual basal transition 25–35: 10YR 4/6; sandy, clayey loam with small subrounded gravel; gradual basal transition 35–40: 10YR 6/3; compact sandy, clayey glacial loam with subrounded gravel to large cobbles <i>Terminated due to refusal in glacial sediment</i>	No recovery
87	80	0–80: 10YR 2/2; normally graded sandy loam with 5–15% rounded 3–7 cm gravel; water at 20 cmbs <i>Terminated due to refusal in groundwater</i>	No recovery
88	50	0–10: 10YR 2/2; sandy loam with 10% rounded 3–5 cm gravel; clear basal contact 10–50: 10YR 5/2; compact, wet coarse sandy loam with 15% subrounded 3–7 cm gravel <i>Terminated at depth in glacial sediment with standing water</i>	No recovery
89	60	0–30: 10YR 3/4; loam with some subrounded gravel and cobbles; clear basal contact 30–32: 10YR 4/6; pocket of clayey loam with no gravel; clear basal contact 32–60: 10YR 3/4; loam with some subrounded gravel and cobbles; groundwater near 60 cmbs <i>Terminated in groundwater with sidewall collapse</i>	No recovery
90	40	0–40: 10YR 3/4; loam with subrounded gravel and cobbles; groundwater near 40 cmbs <i>Terminated in groundwater with sidewall collapse</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
91	30	0–30: 10YR 3/4; sandy loam with subrounded gravel and cobbles; groundwater at 30 cmbs <i>Terminated in groundwater with sidewall collapse</i>	No recovery
92	50	0–50: 10YR 3/4; sandy loam with some subrounded gravel and cobbles; groundwater at 50 cmbs <i>Terminated in groundwater with sidewall collapse</i>	No recovery
93	40	0–5: 10YR 3/4; loam with no gravel; clear basal contact 5–7: 10YR 3/1; charcoally brown loam with abundant small, subrounded gravel; no significant charcoal fragments; clear basal contact 7–40: 10YR 4/6; clayey glacial loam with subrounded gravels and small cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
94	40	0–5: 10YR 3/4; loam, no gravel; gradual basal transition 5–40: 10YR 4/6; silty clay loam with small subrounded gravel and some cobbles, many moderately thick roots <i>Terminated due to refusal on roots</i>	No recovery
95	33	0–33: Mottled 10YR 5/2 and 2.5Y 6/1; silty sand construction fill, likely cut glacial material from elsewhere on the property; abundant rounded to subrounded pebbles and small cobbles; groundwater at 30 cmbs <i>Terminated due to inhibitive cobbles in fill</i>	No recovery
96	80	0–60: 10YR 4/3; loose sandy loam with 5% rounded 3–5 cm gravel; gradual basal transition 60–70: 10YR 4/2; loose sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 70–80: 10YR 4/2; very wet loose sandy loam with 5% rounded 3–5 cm gravel and 5% wood chips; water at 70 cmbs <i>Terminated in groundwater</i>	No recovery
97	66	0–66: 10YR 5/2; coarse sand with 20% unsorted rounded to subangular 3–10 cm gravel and 5% rounded 12–15 cm cobbles; fill/disturbed <i>Terminated due to inhibitive cobbles in fill</i>	No recovery
98	50	0–20: 10YR 2/2; loose but clumpy sandy loam with many rootlets and 5% rounded 3–5 cm gravel; clear basal contact 20–50: 10YR 4/3; loose, nonplastic sandy loam with large roots and 5% rounded 3–5 cm gravel <i>Terminated due to inhibitive root</i>	No recovery
99	83	0–83: Mottled 10YR 5/2 and 2.5Y 6/1; silty sand construction fill, likely cut glacial material from elsewhere on the property; abundant rounded to subrounded pebbles and small cobbles; groundwater at 50 cmbs <i>Terminated due to inhibitive cobbles in fill</i>	No recovery
100	50	0–15: 10YR 5/2; sandy silt with abundant rounded to subrounded pebbles and small cobbles; gradual basal transition 15–50: 2.5Y 6/1; very compact silty sand outwash with abundant rounded to subrounded pebbles and small cobbles; groundwater to 25 cmbs <i>Terminated at inhibitive cobbles at depth in glacial sediment</i>	0–10 cmbs: Temporally non-diagnostic flat, colorless glass fragment (n=1)



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
101	30	0–30: 10YR 2/2; loose wet coarse sandy loam with 15% rounded 3–10 cm gravel; standing water at 5 cmbs <i>Terminated in standing water</i>	No recovery
102	50	0–50: 10YR 2/2 and 2/1; saturated sandy loam with 10% rounded 3–10 cm gravel, 10% wood detritus, > 3% charcoal; standing water by 15 cmbs <i>Terminated in standing water</i>	No recovery
103	80	0–15: 10YR 3/2; humic silty sand with common rounded to subrounded pebbles and many salal roots; gradual basal transition 15–55: 10YR 5/4; sandy silt with common to abundant rounded to subrounded pebbles and cobbles; gradual basal transition 55–80: 2.5Y 6/2; sandy silt outwash with abundant rounded to subrounded pebbles and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
104	60	0–10: 10YR 2/2; humic loam with 5% rounded 3–5 cm gravel and roots; clear basal contact 10–60: 10YR 5/4; loose cobbly coarse sandy loam with 15% rounded 5–10 cm gravel <i>Terminated due to refusal on cobbles</i>	No recovery
105	70	0–20: 10YR 2/2; sandy loam with 10% rounded 3–5 cm gravel and many roots; clear basal contact 20–70: 10YR 5/4; loose very cobbly coarse sandy loam with 15% rounded 3–5 cm gravel, 7+ cm cobbles, one 40 cm boulder from 30 to 70 cm depth <i>Terminated due to refusal on cobbles</i>	No recovery
106	80	0–10: 10YR 2/2; loose humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–80: 10YR 3/6 to 4/3 with depth; nonplastic sandy loam with 10% subrounded 3–7 cm gravel <i>Terminated due to refusal on rocks</i>	No recovery
107	75	0–15: 10YR 2/2; loose somewhat plastic humic loam with 5% rounded 3–5 cm gravel and roots; clear basal contact 15–60: 10YR 3/3; loose somewhat plastic loam with 10% subrounded 3–7 cm gravel; clear basal contact 60–75: 10YR 5/3; loose wet somewhat plastic loam; water at 60 cmbs <i>Terminated in standing water</i>	No recovery
108	70	0–15: 10YR 2/2; somewhat plastic humic loam with 5% rounded gravel; clear basal contact 15–50: 10YR 4/2; nonplastic sandy loam with 5% subrounded gravel; clear basal contact 50–70: 10YR 3/2; somewhat plastic sandy loam with 5% subrounded gravel <i>Terminated in standing water</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
109	70	0–10: 10YR 2/2; somewhat plastic humic loam with 5% rounded gravel; clear basal contact 10–70: 10YR 4/2 to 3/2 with depth; nonplastic sandy loam with 5% subrounded gravel; water at 60 cmbs <i>Terminated in standing water</i>	No recovery
110	67	0–23: 10YR 3/4; silty sand with some rounded to subangular pebbles and many rootlets; gradual basal transition 23–45: 10YR 5/4; sandy silt with common rounded to subangular pebbles and small cobbles; clear basal contact 45–67: 2.5Y 6/2; moderately sticky sandy silt outwash with common subrounded to subangular pebbles and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
111	51	0–15: 10YR 3/4; compact silty sand with some rounded to subangular pebbles; gradual basal transition 15–30: 10YR 5/4; compact, slightly sticky sandy silt with some rounded to subangular pebbles; clear basal contact 30–51: 2.5Y 6/2; moderately sticky sandy silt outwash with moderate to abundant rounded to subangular pebbles <i>Terminated at depth in glacial sediment</i>	0–10 cm: Temporally non-diagnostic fragment of colorless, flat glass
112	21	0–10: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 10–21: 10YR 4/6; clayey loam with abundant subrounded gravel and cobbles, roots <i>Terminated due to inhibitive root</i>	No recovery
113	75	0–25: 10YR 2/2; loose humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 25–60: 10YR 5/1; loose sandy loam with 10% subrounded to subangular 3–7 cm gravel; patches of 10YR 6/4, possibly cedar roots; clear basal contact 60–75: 10YR 5/2; very compact sandy loam with 15% subrounded 5–10 cm gravel <i>Terminated due to refusal on cobbles</i>	No recovery
114	60	0–10: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 10–60: 10YR 4/6; clayey loam with abundant subrounded gravel and cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
115	70	0–20: 10YR 2/2; loose humic sandy loam with 7% rounded 3–7 cm gravel 20–40: 10YR 5/1; moderately compact sandy loam with 10% subrounded 3–10 cm gravel 40–70: 10YR 5/3; very compact sandy loam with 15% subrounded 3–10 cm gravel <i>Terminated at depth in glacial sediment</i>	No recovery



## OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
116	60	0–5: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 5–60: 10YR 4/6; clayey loam with some subrounded gravel, sparse subrounded cobbles, and a tree root <i>Terminated due to inhibitive root at depth in glacial</i>	No recovery
117	85	0–10: 10YR 2/2; loose humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–85: 10YR 6/2; somewhat plastic sandy loam with 7% subangular 3–7 cm gravel <i>Terminated in groundwater</i>	No recovery
118	95	0–25: 10YR 3/2; loose sandy loam with 15% rounded 1–3 cm gravel; clear basal contact 25–95: 10YR 6/3; clayey loam with 10% subangular to angular 3–7 cm gravel <i>Terminated due to refusal on cobbles, in groundwater</i>	No recovery
119	57	0–10: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 10–57: 10YR 5/6; saturated clayey loam with abundant subrounded gravel and some small subrounded cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
120	32	0–2: 10YR 3/4; loam with no gravel, tree debris on top; clear basal contact 2–32: 10YR 5/6; wet clayey loam with some subrounded gravel and small cobbles <i>Terminated due to inhibitive root at depth in glacial sediment</i>	No recovery
121	70	0–10: 10YR 2/2; humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 10–55: 10YR 4/3; Loose silty loam with 5% rounded 1–3 cm gravel and > 3% rootburn charcoal; clear basal contact 55–70: 10YR 5/3; very compact sandy loam with 10% subrounded 5–7 cm gravel <i>Terminated due to refusal in glacial</i>	No recovery
122	57	0–5: 10YR 3/4; humus-mantled loam with no gravel; gradual basal transition 5–10: 10YR 5/6; wet clayey loam with some subrounded gravel and small cobbles 10–57: 10YR 4/6; clayey loam with some small subrounded gravel and tree roots <i>Terminated due to inhibitive root at depth in glacial sediment</i>	No recovery
123	90	0–2: 10YR 2/2; humic sandy loam with 5% rounded 3–5 cm gravel; clear basal contact 2–30: 10YR 5/3; compact sandy loam with 15% rounded 3–7 cm gravel; disturbed glacial; clear basal contact 30–55: 10YR 6/1; loose sandy loam with 20% rounded 3–10 cm gravel; disturbed; clear basal contact 55–90: 10YR 4/2; compact, wet clayey loam with 5% rounded 3–10 cm gravel <i>Terminated in groundwater</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
124	43	0–15: 10YR 3/4; loam with tree debris, no gravel; gradual basal transition 15–43: 10YR 5/6; wet clayey loam with abundant subrounded gravel to medium cobbles, large root at 43 cmbs <i>Terminated due to inhibitive roots in glacial sediment</i>	No recovery
125	50	0–35: 10YR 4/2; sandy loam with abundant rounded to subrounded pebbles and many tree roots; groundwater at 30 cmbs; gradual basal transition 35–50: 2.5Y 6/2; sandy silt outwash with abundant rounded to subangular pebbles and cobbles <i>Terminated due to inhibitive cobbles and wall collapse</i>	0–10 cmbs: Temporally non-diagnostic blue metal fragment
126	20	0–20: 10YR 3/4; loam with some small to large subrounded gravel; groundwater at 30 cmbs <i>Terminated in groundwater with sidewall collapse</i>	No recovery
127	95	0–20: 10YR 2/2; humic sandy loam with cedar duff; clear basal contact 20–50: 10YR 5/4; sandy loam with 5% rounded gravel; gradual basal transition 50–95: 10YR 5/3; wet sandy loam with 5% rounded gravel; groundwater at 90 <i>Terminated in groundwater</i>	No recovery
128	55	0–15: 10YR 2/2; loose somewhat plastic loam with 5% rounded 3–5 cm gravel; clear basal contact 15–25: 10YR 5/4; loose loam with 3% rounded 3–5 cm gravel; clear basal contact 25–40: 10YR 5/2; loose sandy loam with 3% rounded 3–5 cm gravel; clear basal contact 40–55: 10YR 6/3; wet sandy loam with 5% rounded 3–5 cm gravel; water at 50 cmbs <i>Terminated in standing water</i>	No recovery
129	74	0–12: 7.5YR 3/4; loose sandy loam with < 5% fine rounded to subrounded gravel; gradual basal transition 12–47: 7.5YR 4/6; loose sandy loam with < 5% fine rounded to subrounded gravel; clear basal contact 47–71: 2.5Y 6/4; soft clayey silt with 5–10% very fine to medium sand; clear basal contact 71–74: 2.5Y 6/4; soft clayey silt with 5–10% assorted sands and 20–30% subrounded to rounded gravel and cobbles, up to at least 13 cm diameter <i>Terminated due to inhibitive cobbles</i>	No recovery
130	60	0–20: 10YR 3/2; loose humic sandy loam with 5% rounded 3–5 cm gravel and roots; clear basal contact 20–45: 10YR 5/4; loose sandy loam with 3% rounded 3–5 cm gravel and roots; clear basal contact 45–60: 10YR 5/2; loose sandy loam with 3% subrounded 3–5 cm gravel and roots <i>Terminated due to inhibitive roots</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
131	75	0–11: 7.5YR 3/3; loose loamy humic layer with roots; gradual basal transition 11–42: 7.5YR 4/6; loose sandy loam with 5% rounded to subangular gravel to 14 cm cobbles, increasing to 10% at depth; gradual basal transition 42–75: 2.5Y 6/4; loose sandy loam with 15% subrounded to rounded 1–15 cm gravel and cobbles; very slightly cohesive but nonplastic <i>Terminated due to inhibitive cobbles</i>	No recovery
132	95	0–10: 10YR 2/2; loose humic sandy loam with 5% rounded 3–5 cm gravel 10–90: 10YR 4/4; loose silt with 3% rounded 7–10 cm gravel 90–95: 10YR 5/3; clayey loam with 5% rounded 3–10 cm gravel <i>Terminated due to inhibitive cobbles</i>	No recovery
133	75	0–10: 7.5YR 3/4; soft loamy humic layer and roots; gradual transition to unit 3, clear contact with unit 2 10–22: 10YR 5/6; compact silty medium sand to 0.7 cm rounded gravel in a clearly defined pocket with 5% small charcoal fragments; clear basal contact 10–65: 7.5YR 4/2; loose sandy loam with 5–10% subrounded to rounded 0.3–5 cm gravel and large chunks of burned wood; clear basal contact 65–75: 2.5Y 6/4; soft wet clayey silt with 5–10% very fine to medium sand and some rounded gravel and cobbles up to at least 15 cm diameter; slow groundwater seepage <i>Terminated due to inhibitive cobbles</i>	No recovery
134	100	0–15: 10YR 2/2; loose sandy loam with 3% rounded 3–5 cm gravel; clear basal contact 15–40: 10YR 4/4; loose silt with >3% rounded 3–5 cm gravel; gradual basal transition 40–77: 10YR 5/4; loose to compact silt and sandy loam with > 3% gravel; gradual basal transition 77–100: 10YR 5/3; wet clayey loam with > 3% gravel <i>Terminated at depth in groundwater</i>	No recovery
135	70	0–26: 7.5YR 3/3; loose sandy loam and humic layer with < 5% rounded to subrounded 1 cm gravel; clear basal contact 26–70: 10YR 4/6; compact but noncohesive sandy loam with 30% subangular to rounded 1–19 cm gravel and cobbles <i>Terminated due to inhibitive cobbles</i>	No recovery
136	100	0–20: 10YR 2/2; loose humic loam with 5% rounded 3–7 cm gravel; clear basal contact 20–80: 10YR 4/4; loose sandy loam with 5% subrounded 3–10 cm gravel and 5% subrounded 12–15 cm cobbles; clear basal contact 80–100: 10YR 5/2; loose coarse sand with 10% subrounded to subangular 3–7 cm gravel <i>Terminated at target depth</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
137	20	0–20: 10YR 2/2; loam with abundant medium roots, no gravel <i>Terminated inhibitive medium root density</i>	No recovery
138	40	0–5: 10YR 2/2; humic loam with sparse medium tree roots and no gravel; clear basal contact 5–40: 10YR 5/6; loam with abundant subrounded gravel and medium to large rounded cobbles; compact at base <i>Terminated at depth in glacial sediment</i>	No recovery
139	61	0–47: 7.5YR 4/6; loose sandy loam; clear basal contact 47–61: 10YR 6/6; soft clayey silt with 5–10% very fine to medium sand and 10% rounded to subangular 0.3–1 cm gravel; very wet with rapid groundwater seepage <i>Terminated in standing water</i>	No recovery
140	100	0–5: 10YR 2/2; loose humic loam with 3% subrounded to rounded 3–5 cm gravel; clear basal contact 5–15: 10YR 4/4; loose silt with 3% subrounded to rounded 3–5 cm gravel; clear basal contact 15–100: 10YR 5/3; wet clayey loam with > 3% subrounded 3–5 cm gravel; water at 90 cmbs <i>Terminated in standing water</i>	No recovery
141	80	0–15: 10YR 2/2; heavy humic sandy loam with 5% rounded 3–5 cm gravel; cedar wood; clear basal contact 15–40: 10YR 4/4; loose silt with > 3% subrounded 3–5 cm gravel; clear basal contact 40–80: 10YR 5/3; loose clayey loam with > 3% subrounded 3–5 cm gravel; water at 75 cmbs <i>Terminated in standing water</i>	No recovery
142	100	0–5: 10YR 2/2; loose humic loam with 3% rounded 3–5 cm gravel; clear basal contact 5–30: 10YR 4/4; loose silt with 3% subrounded 3–5 cm gravel; clear basal contact 30–70: 10YR 5/3; gravelly loam with 15% subangular 3–10 cm gravel and 3% rounded 10–13 cm cobbles; contains pockets of 10YR 5/2 gravelly coarse sands and silts; gradual basal transition 70–100: 10YR 5/2; gravelly coarse sand and silt with subangular to angular 3–10 cm gravel; fill/disturbed <i>Terminated at target depth</i>	No recovery
143	100	0–84: 7.5YR 4/3; sandy loam with wood fragments and 10–20% subangular to rounded 0.5–15 cm gravel and cobbles; contains clearly defined pockets of 2.5Y 7/1 compact but non-cohesive silty sand and < 2 cm rounded to subangular gravel; disturbed native and mixed fill; clear basal contact 84–100: 2.5Y 6/4; wet clayey silt with 10% sand and minor gravel to cobbles; slow groundwater seepage below 98 cmbs <i>Terminated at target depth</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
144	84	0–15: 2.5Y 7/1; loamy angular gravel fill; clear basal contact 15–33: 10YR 3/2; sandy loam with 15–20% angular to subrounded 0.3–6 cm gravel; fill; gradual basal transition 33–78: 7.5YR 5/6; compact sandy loam with 20–25% subangular to rounded gravel, cobbles, and a 23+ cm boulder; lower boundary marked by dark band of organic-rich material; fill/disturbed; clear basal contact 78–84: 2.5Y 6/4; compact silt through rounded 12 cm pebbles and cobbles <i>Terminated due to inhibitive cobbles</i>	No recovery
145	65	0–5: 10YR 4/2; clayey loam with 10% gravel; clear basal contact 5–25: 10YR 5/2; coarse sandy fill with 10% angular to subangular 3–7 cm gravel; fill; clear basal contact 25–45: 10YR 4/4; coarse sandy loam with 5% subrounded 3–5 cm gravel and 5% subrounded 10–12 cm cobbles; clear basal contact 45–65: 10YR 5/3; coarse sandy loam with 10% subangular 3–10 cm gravel <i>Terminated at depth in glacial sediment</i>	5–25 cmbs: Modern plastic landscape sheeting
146	100	0–30: 10YR 4/2; loose clayey loam with 5% subrounded 3–7 cm gravel; clear basal contact 30–60: 10YR 4/4; loose silt with 7% subrounded to subangular 3–7 cm gravel; clear basal contact 60–100: 10YR 5/3; loose outwash(?) silt with 10% subrounded to subangular 3–12 cm gravel and pebbles <i>Terminated at target depth</i>	No recovery
147	67	0–25: 10YR 3/2; sandy loam with 15% angular to subrounded 0.3–8 cm gravel and an 18 cm diorite cobble; fill; gradual basal transition 25–44: 7.5YR 5/6; sandy loam with 15% angular to subrounded 0.3–10 cm gravel and small cobbles; fill; clear basal contact 44–67: 2.5Y 6/4; firm clayey silt with 15% sands and 5–10% rounded < 1.5 cm gravel <i>Terminated at depth in glacial sediment</i>	No recovery
148	30	0–25: 10YR 3/2; wet loose loam with 3% subrounded 3–5 cm gravel; gradual basal transition 25–30: 10YR 3/2; saturated loam with 3% subrounded 3–5 cm gravel; groundwater seepage <i>Terminated on inhibitive angular cobble in standing water</i>	No recovery
149	50	0–30: 10YR 4/2; clayey loam with 5% rounded 7–10 cm pebbles; clear basal contact 30–50: 10YR 5/2; very compact coarse sandy loam with 15% subrounded 3–10 cm gravel and pebbles <i>Terminated at depth in glacial sediment</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
150	70	0–28: 2.5Y 7/3; 30% rounded < 20 cm cobbles in firm, highly plastic clayey silt; probably slumped fill material from adjacent slope; clear basal contact 28–70: 2.5Y 6/4; clay through 15 cm pebbles; wet with slow groundwater seepage below 62 cmbs; highly plastic <i>Terminated in standing water in glacial sediment</i>	No recovery
151	30	0–5: 10YR 4/4; soft loam with some small subrounded gravel and cobbles and many fine rootlets; clear basal contact 5–30: 10YR 6/6; compact glacial silt through large subrounded and subangular cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
152	40	0–20: 10YR 3/3; clayey loam with abundant subrounded gravel and cobbles, many roots 20–40: 10YR 6/4; compact clay with abundant subrounded gravel <i>Terminated due to inhibitive soil density</i>	No recovery
153	100	0–25: 10YR 3/2; sandy loam with 15% angular 3–10 cm gravel and concrete fragments; fill; clear basal contact 25–50: 10YR 4/3; sandy loam with 10% subrounded to angular 3–10 cm gravel; clear basal contact 50–55: 10YR 4/6; silt with 15% angular 3–5 cm gravel; clear basal contact 55–100: 10YR 4/3; sandy loam with 10% subrounded to angular 3–10 cm gravel <i>Terminated at target depth</i>	No recovery
154	67	0–19: 7.5YR 5/4; sandy loam with 20% subrounded to rounded 0.3–7 cm gravel; fill; gradual basal transition 19–67: 2.5Y 7/3; compact sand and 35% rounded to subrounded 0.3–10 cm gravel fill <i>Terminated due to inhibitive gravel and cobbles</i>	No recovery
155	100	0–10: 10YR 2/2; humic loam with 5% rounded 3–5 cm gravel 10–70: 10YR 3/3; loose silty loam with 5% subrounded 3–10 cm gravel 70–100: 10YR 4/4; loose silt with 10% subrounded to angular 3–10 cm gravel <i>Terminated at target depth</i>	No recovery
156	50	0–30: 10YR 3/2; clayey loam with 5% subrounded 3–7 cm gravel; clear basal contact 30–50: 10YR 3/2; saturated clayey loam with 5% subrounded 3–7 cm cobbles <i>Terminated on inhibitive cobbles in standing water</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
157	100	0–5: 10YR 2/2; loose clayey loam with 3% rounded 3–5 cm gravel; clear basal contact 5–30: 10YR 3/3; silty loam with 5% rounded 3–5 cm gravel; clear basal contact 30–35: 10YR 4/4; silt with 5% rounded 3–5 cm gravel; clear basal contact 35–100: 10YR 3/3; silty loam with 5% rounded 3–5 cm gravel <i>Terminated at target depth</i>	No recovery
158	62	0–56: 7.5YR 3/2; soft loam with 10% rounded to subangular 0.3–6 cm gravel, a 20 cm subangular cobble, and large roots; clear basal contact 56–62: 2.5Y 6/4; hard, compact silt through 18 cm cobbles; generally non-plastic and noncohesive <i>Terminated due to inhibitive cobbles in glacial sediment</i>	No recovery
159	45	0–30: 10YR 3/2; clayey loam with 5% rounded 3–5 cm gravel; clear basal contact 30–45: 10YR 5/3; very compact coarse sandy loam with 15% subangular 3–10 cm gravel <i>Terminated in glacial sediment</i>	No recovery
160	50	0–30: 10YR 4/2; loam with 5% subrounded 3–7 cm gravel; gradual basal transition 30–50: 10YR 6/1; wet compact silt with 5–7% rounded 3–10 cm gravel <i>Terminated due to inhibitive cobbles</i>	No recovery
161	53	0–53: 2.5Y 7/3; compact sandy gravel fill with large tree roots and small rounded cobbles up to 14 cm in diameter; fill <i>Terminated due to inhibitive gravel cobbles</i>	No recovery
162	68	0–5: 10YR 3/2; loam with roots and 5% rounded 3–5 cm gravel; clear basal contact 5–68: 10YR 6/2 grading to 6/1; coarse sandy loam with 15% subrounded 3–13 cm gravel and cobbles; groundwater seepage at 50 cmbs <i>Terminated on inhibitive cobbles</i>	No recovery
163	58	0–58: 7.5YR 3/2; soft loam, plastic when wet. Moderate groundwater seepage below 52 cmbs <i>Terminated in standing water</i>	No recovery
164	50	0–20: 10YR 3/2; loam with roots and 5% rounded 3–5 cm gravel; clear basal contact 20–50: 10YR 6/2; coarse sandy loam with 15% subrounded 3–13 cm gravel and cobbles; groundwater seepage at 50 cmbs <i>Terminated on inhibitive cobbles</i>	No recovery
165	50	0–15: 7.5YR 3/2; loamy sand and gravel; gradual basal transition 15–50: 7.5YR 5/4; compact sand and rounded 0.3–14 cm gravel and cobbles with minor silt; probably fill <i>Terminated due to inhibitive gravel and cobbles</i>	No recovery

# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
166	48	0–14: 7.5YR 3/2; loamy sand and rounded 0.3–5 cm gravel with roots; gradual basal transition 14–48: 7.5YR 5/4; compact sand and 35% rounded 0.3–13 cm gravel and small cobbles; fill <i>Terminated due to inhibitive cobbles</i>	0–14 cmbs: Temporally non-diagnostic 12 cm curved fragment of clear, unleaded 2/16" glass (n=1), possibly from large bottle
167	58	0–18: 7.5YR 3/2; loamy sand and 0.3–25 cm subrounded gravel and cobbles with roots; gradual basal transition 18–54: 7.5YR 5/4; compact sand and 35% subrounded to rounded 0.3–13 cm gravel and small cobbles; fill; clear basal contact 54–58: 2.5Y 6/4; compact silt to rounded 8 cm gravel; dry and nonplastic <i>Terminated in glacial sediment due to inhibitive gravel</i>	No recovery
168	60	0–10: 10YR 2/2; humic loam with sparse medium blackberry roots and no gravel; clear basal contact 10–60: 10YR 5/6; loam with abundant subrounded gravel and some small cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
169	70	0–20: 10YR 2/2; loam with sparse small roots, no gravel; clear basal contact 20–70: 10YR 5/6; increasingly sandy silt with abundant subrounded gravel and some small cobbles; compact at base <i>Terminated at depth in glacial sediment</i>	No recovery
170	63	0–24: 7.5YR 3/3; loose sandy loam with 10% rounded 0.5–5 cm gravel; clear basal contact 24–63: 7.5YR 5/4; loose very fine to fine and coarse to very coarse sands with 15–20% subangular to rounded 0.5–10 cm gravel and small cobbles; outwash? <i>Terminated due to inhibitive cobbles</i>	No recovery
171	70	0–10: 10YR 2/2; loam with sparse small roots and no gravel; gradual basal transition 10–70: 10YR 5/6; sandy loam grading to wet dense sandy silty clay with abundant subrounded gravel and sparse large cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
172	50	0–36: 7.5YR 3/3; loose sandy loam and modern trash with 5–10% subangular to rounded 0.5–7 cm gravel; clear basal contact 36–50: 7.5YR 5/4; loose very fine to fine and very coarse sand with 15–20% subangular to rounded 0.5–12 cm gravel <i>Terminated due to inhibitive roots</i>	0–36 cmbs: Crushed modern soda can and plastic drink bottle label
173	30	0–10: 10YR 3/4; compact loam with abundant angular gravel and few medium tree roots; fill; clear basal contact 10–30: 10YR 5/6; compact silty sand with abundant angular gravel layers <i>Terminated due to inhibitive compact gravels</i>	No recovery



# OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021 (continued)

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
174	67	0–19: 7.5YR 3/2; loamy rounded to angular 0.3–3 cm gravel fill with roots; fill; gradual basal transition 19–67: 7.5YR 5/4; sandy gravel fill and roots with a rounded 25 cm boulder; fill <i>Terminated due to inhibitive root below boulder</i>	No recovery
175	50	0–10: 10YR 3/4; loam with abundant angular gravel and some medium tree and blackberry roots; fill; clear basal contact 10–50: 10YR 5/6; silty sand with abundant angular to subangular gravel; compact layer at base. <i>Terminated due to inhibitive compact gravels</i>	No recovery
176	55	0–18: 7.5YR 3/2; loamy gravel fill and roots; gradual basal transition 18–55: 2.5Y 6/3; compact sandy subangular to rounded 0.3–7 cm gravel fill <i>Terminated due to inhibitive gravel density</i>	No recovery
177	30	0–10: 10YR 3/4; loam with abundant medium angular gravel; fill; clear basal contact 10–30: 10YR 5/6; very compact sandy silt with abundant angular to subangular gravel <i>Terminated inhibitive compaction in glacial sediment</i>	No recovery
178	95	0–68: Mixed 10YR 5/2 and 6/2; moderately sticky sandy loam with abundant subrounded to subangular pebbles and small cobbles; many roots from 0–40 cm; clear basal contact 68–85: 10YR 4/2 with light 6/6 mottling; moderately sticky loam with abundant subrounded to subangular pebbles and small cobbles; gradual basal transition 85–95: 10YR 7/2 and 6/6; clayey loam with abundant rounded to subrounded pebbles and small cobbles <i>Terminated due to refusal on cobbles</i>	0–10 cmbs: Modern red plastic flashlight
206	70	0–50: 10YR 4/3; sandy loam with 10% subangular 3–5 cm gravel; clear basal contact 50–70: 10YR 2/2; wet sandy loam with 10% subangular 3–5 cm gravel; groundwater seepage to 65 cmbs <i>Terminated in standing water</i>	No recovery
207	75	0–25: 10YR 3/2; clayey loam with 5% rounded 3–5 cm gravel; clear basal contact 25–55: 10YR 4/6; sandy loam with 5% rounded 1–3 cm gravel, 5% subangular 5–7 cm gravel, and 5% charcoal fragments; gradual basal transition 55–70: 10YR 3/6; wet sandy loam with 5% rounded 1–3 cm gravel, 5% subangular 5–7 cm gravel, and 5% charcoal fragments; clear basal contact 70–75: 2.5Y 5/3; wet sandy loam with 5% subangular 3–5 cm gravel; groundwater seepage to 70 cmbs <i>Terminated in standing water</i>	No recovery

**OMF South: ATCRC Shovel Probe Log – OMF South / TDLE Overlap Area, January 2021  
(continued)**

Shovel Probe	Maximum Depth (cmbs)	Description (cmbs): Description—Comments	Cultural Materials
208	40	0–20: 10YR 4/4; wet loam with some small subrounded gravel and large roots; clear basal contact 20–40: 10YR 6/6; damp compact glacial silt through subrounded cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
209	85	0–50: 10YR 4/2; sandy loam with 10% subangular 3–5 cm gravel; clear basal contact 50–85: 2.5Y 4/4; increasingly compact sandy glacial loam with 10% subangular to subrounded 3–5 cm gravel; large root on north side from 50 to 65 cm <i>Terminated at depth in glacial sediment</i>	No recovery
210	31	0–31: 10YR 4/4; wet loam with some small subrounded gravel and very large roots <i>Terminated on inhibitive large root</i>	No recovery
215	50	0–30: 10YR 4/2; sandy loam with 15% subrounded 3–10 cm gravel; clear basal contact 30–50: 10YR 3/6; compact sandy glacial loam with 15% subrounded to subangular 3–15 cm gravel and cobbles <i>Terminated at depth in glacial on inhibitive cobbles</i>	No recovery
216	66	0–30: 10YR 4/4; loam with some small subrounded gravel and many small roots; clear basal contact 30–50: 10YR 5/6; loam with abundant subrounded gravel and fine rootlets; gradual basal transition 50–66: 10YR 6/6; glacial silt through large subrounded cobbles <i>Terminated at depth in glacial sediment</i>	No recovery
217	40	0–20: 10YR 3/2; sandy loam with 10% subrounded 3–5 cm gravel; clear basal contact 20–40: 10YR 3/6; compact sandy glacial loam with 15% subrounded to subangular 3–15 cm gravel and cobbles, one boulder <i>Terminated at depth in glacial on inhibitive boulder</i>	No recovery