# Sediment Core Log

## SC-01A



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **10.2 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **0.1 feet** | Attempt No.: **4** |
| Client: **Port of Seattle** | Drive Length: **1.5 feet** | Northing: **212838.38** Easting: **1267791.78** |
| Location: **Seattle, Washington** | Recovery Length (feet): **1.4 feet** | Core Collection Date/Time: **03/26/19 @ 1145** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **10.3 feet @ 0831** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **93 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | 0 | T25-SC01-0-1 | Archive | 0 | 0.0-3.0 Very loose, wet, dark gray, SILT with SAND (ML), 80% fines, 20% fine sand. | |
| | | | | 0 | 0.3-0.4 ft: Loose, moist, dark gray, POORLY GRADED SAND with SILT (SP-SM), 90% medium sand, 10% fines. @0.4 ft: wood fragment ~1.5 inches. | |
| 1 | -1 | | | | 0.4-1.2 ft: Loose, moist, dark gray, POORLY GRADED GRAVEL (GP), 85% fine to coarse gravel, 10% coarse sand, 5% fines. Gravel is subangular up to 2 inches.<br><br>End of core @ 1.2 ft. | |
| 2 | -2 | | | | | |
| 3 | -3 | | | | | |
| 4 | -4 | | | | | |
| 5 | -5 | | | | | |
| 6 | -6 | | | | | |
| 7 | -7 | | | | | |
| 8 | -8 | | | | | |
| 9 | -9 | | | | | |
| 10 | | | | | | |

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**Notes:** Full Suite: Grain size, Dioxins/furans, Metals, PAHs, PCB Aroclors, SVOCs, TS, TOC
Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log

## SC-01B



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **21.9 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-11.5 feet** | Attempt No.: **5** |
| Client: **Port of Seattle** | Drive Length: **2.0 feet** | Northing: **212870.56** Easting: **1267791.64** |
| Location: **Seattle, Washington** | Recovery Length (feet): **2.0 feet** | Core Collection Date/Time: **3/26/19 @ 1200** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **10.4 feet @ 0848** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **100 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | | | | | | |
| | -12 | T25-SC01B-0-1 | Archive | 0 | 0.0-0.2 ft: Soft, wet, dark gray, SANDY SILT (ML), 70% fines, 30% fine sand.<br>0.2-0.5 ft: Loose, moist, dark gray, SILTY SAND (SM), 85% fine sand, 15% fines.<br>0.5-1.0 ft: Loose, moist, dark gray, Shell Hash/Sand with White shell fragments. | |
| 1 | | | | 0 | | |
| | -13 | T25-SC01B-1-2 | Archive | 0 | 1.0-2.0 ft: Loose, moist, loose, dark gray, Shell Hash/Gravel with white shell fragments, trace fines. Gravel is subrounded up to 0.5 inch and subangular up to 1.25 inches.<br>End of core @2.0 ft. | |
| 2 | | | | | | |
| | -14 | | | | | |
| 3 | | | | | | |
| | -15 | | | | | |
| 4 | | | | | | |
| | -16 | | | | | |
| 5 | | | | | | |
| | -17 | | | | | |
| 6 | | | | | | |
| | -18 | | | | | |
| 7 | | | | | | |
| | -19 | | | | | |
| 8 | | | | | | |
| | -20 | | | | | |
| 9 | | | | | | |
| | -21 | | | | | |
| 10 | | | | | | |

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Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log

## SC-02



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **13.5 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-2.1 feet** | Attempt No.: **2** |
| Client: **Port of Seattle** | Drive Length: **7.5 feet** | Northing: **212812.47** Easting: **1267668.28** |
| Location: **Seattle, Washington** | Recovery Length (feet): **7.0 feet** | Core Collection Date/Time: **3/25/19 @ 1215** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **10.8 feet @ 0938** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **93 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | | | | | | |
| | -3 | T25-SC02-0-1<br>T25-SC02-0-4.6<br>T25-SC52-0-4.6 (FD) | Archive<br>Excavation<br>Excavation | | 0.0-2.4: Loose, wet, dark gray, Shell Hash/Sand/Silt. Slight rainbow sheen, no odor. Trace organic material (wood fragments). Trace anthropogenic material (crumbles easily). | |
| 1 | | | | 0 | | |
| | -4 | T25-SC02-1-2 | Archive | | | |
| 2 | | | | 0 | | |
| | -5 | T25-SC02-2-3 | Archive | | 2.4-4.1: Loose, moist, dark gray, SILTY SAND (SM), 70% medium sand, 30% fines. Moderate shell hash, occasional organic material (wood fragments). | |
| 3 | | | | 0 | | |
| | -6 | T25-SC02-3-4.6 | Archive | 0 | @3.2 ft: Pocket of soft, moist, gray silt. Slight odor. | |
| 4 | | | | 0 | | |
| | -7 | | | | Native Contact<br>4.1-7.0 ft: Loose, moist, gray, POORLY GRADED SAND (SP), Trace shell hash/shells. Trace fines. | |
| 5 | | T25-SC02-4.6-5.6 | Full Suite | 0 | | |
| | -8 | | | | | |
| 6 | | | | 0 | | |
| | -9 | T25-SC02-5.6-7 | Archive<br>Excavation | | | |
| 7 | | | | 0 | End of core @ 7.0 ft. | |
| | -10 | | | | | |
| 8 | | | | | | |
| | -11 | | | | | |
| 9 | | | | | | |
| | -12 | | | | | |
| 10 | | | | | | |

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**Notes:** Full Suite: Grain size, Dioxins/furans, Metals, PAHs, PCB Aroclors, SVOCs, TS, TOC
Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log
## SC-03



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **11.1 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **0.6 feet** | Attempt No.: **1** |
| Client: **Port of Seattle** | Drive Length: **8.0 feet** | Northing: **212812.47** Easting: **1267668.28** |
| Location: **Seattle, Washington** | Recovery Length (feet): **6.8 feet** | Core Collection Date/Time: **3/24/19 @ 1015** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **11.7 feet @ 0830** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **85 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | | | | | | |
| 1 | 0 | T25-SC03-0-1.7<br>T25-SC03-0-5.7 | Archive<br>Excavation | 0 | 0.0-1.7 ft: Very soft, wet, grayish-brown, SILT with SAND (ML), 80% fines, 20% medium sand. Occasional organics (fibers), trace sheen florets in sample homogenate. | |
| 2 | -1 | T25-SC03-1.7-2.7 | Archive | 0 | 1.7-4.0 ft: Loose, moist, dark gray, POORLY GRADED SAND with SILT (SP-SM), 90% sand, 10% fines. Substantial shell hash, slight HC-like odor. | |
| 3 | -2 | T25-SC03-2.7-3.7 | Archive | 0 | | |
| 4 | -3 | T25-SC03-3.7-4.7 | Archive | 0 | 4.0-6.2 ft: Loose, moist, dark gray, POORLY GRADED SAND (SP), 95% medium sand, 5% fines, trace gravel.<br>@4.5 ft: Anthropogenic fragments (2 inches), plastic fragment, possible concrete? | |
| 5 | -4 | T25-SC03-4.7-5.7 | Archive | 0 | | |
| 6 | -5 | T25-SC03-5.7-6.2 | Full Suite | 0 | End of core @ 6.2 ft. | |
| 7 | -6 | | | | | |
| 8 | -7 | | | | | |
| 9 | -8 | | | | | |
| 10 | -9 | | | | | |

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Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log

## SC-04



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **11.9 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-1.7 feet** | Attempt No.: **1** |
| Client: **Port of Seattle** | Drive Length: **7.9 feet** | Northing: **212603.43** Easting: **1267597.9** |
| Location: **Seattle, Washington** | Recovery Length (feet): **7.2 feet** | Core Collection Date/Time: **3/24/19** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **10.2 feet @ 0933** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **91 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description (Samples and Descriptions are in in-situ depths. Classification Scheme: USCS) | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | -2 | T25-SC04-0-1<br>T25-SC04-0-4 | Archive<br>Excavation | | 0.0-1.0 ft: Very loose, wet, dark gray, SILT with SAND (ML), 80% fines, 20% medium sand. Trace rainbow sheen florettes, moderated anthropogenic material (asphalt like fragment ~2 inches). | |
| 1 | -3 | T25-SC04-1-2 | Archive | 0 | 1.0-4.0 ft: Loose, wet, dark gray, SILTY SAND (SM), 80% medium sand, 20% fines. Occasional organic material (wood fibers). Slight rainbow sheen throughout, slight HC-like odor. | |
| 2 | -4 | T25-SC04-2-3 | Archive<br>Geotech | 0 | @1.0-2.0 ft: Substantial organic material (asphalt fragments up to 2 inches) | |
| 3 | -5 | T25-SC04-3-4 | Archive | 0 | @4.0 ft: one piece of an asphalt-like fragment. | |
| 4 | -6 | T25-SC04-4-5 | Full Suite | 0 | 4.0-5.8 ft: Loose, moist, dark gray, POORLY GRADED SAND (SP), 100% medium sand, trace gravel, trace fines, trace biota shells. | |
| 5 | -7 | T25-SC04-5-5.6<br>T25-SC04-5-6 | Geotech<br>Archive | 0 | @4.7-5.0 ft: Layer of silt and organic material (wood fibers). Occasional gravel (subrounded up to 3/4 inch). Slight HC-like odor.<br>@5.0-5.5 ft: Anthropogenic material (asphalt shingle). | |
| 6 | -8 | T25-SC04-6-6.7 | Archive | 0.1 | 5.8-6.7 ft: Soft, moist, medium dense, dark olive gray, SILT with Organics (ML), 100% fines, trace sand. Substantial organic material (wood fragments, fibers). Slight to moderate H2S-like odor.<br>End of core @6.7 ft. | |
| 7 | -9 | | | | | |
| 8 | -10 | | | | | |
| 9 | -11 | | | | | |
| 10 | | | | | | |

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Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log
## SC-05



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **22.8 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-13.0 feet** | Attempt No.: **3** |
| Client: **Port of Seattle** | Drive Length: **2.0 feet** | Northing: **212412.09** Easting: **1267419.4** |
| Location: **Seattle, Washington** | Recovery Length (feet): **2.0 feet** | Core Collection Date/Time: **3/26/19 @ 1220** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **9.8 feet @ 1023** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **100 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | -13 | | | | | |
| | | T25-SC05-0-1 | Full Suite | 0 | 0.0-1.5 ft: Loose, wet, dark gray, SILTY SAND (SM), 75% medium sand, 25% fines. | |
| 1 | -14 | | | 0 | | |
| | | T25-SC05-1-2 | Archive | 0 | 1.5-2.0 ft: Loose, moist, dark gray, POORLY GRADED SAND with GRAVEL (SP), 80% medium sand, 20% fine to coarse gravel (subangular up to 2.0 inches), trace fines.<br>End of core @ 2.0 ft. | |
| 2 | -15 | | | | | |
| 3 | -16 | | | | | |
| 4 | -17 | | | | | |
| 5 | -18 | | | | | |
| 6 | -19 | | | | | |
| 7 | -20 | | | | | |
| 8 | -21 | | | | | |
| 9 | -22 | | | | | |
| 10 | -23 | | | | | |

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Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log
## SC-06



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **10.6 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-6.0 feet** | Attempt No.: **1** |
| Client: **Port of Seattle** | Drive Length: **4.0 feet** | Northing: **212519.45** Easting: **1267525.53** |
| Location: **Seattle, Washington** | Recovery Length (feet): **3.4 feet** | Core Collection Date/Time: **3/26/19** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **4.6 feet @ 1303** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **85 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | -6 | T25-SC05-0-1<br>T25-SC55-0-1 (FD) | Full Suite | 0 | 0.0-0.5 ft: Loose, moist to wet, dark gray, SILTY SAND (SM), 80% medium sand, 20% fines. | |
| 1 | -7 | T25-SC05-1-1.5 | Archive | 0 | 0.5-1.5 ft: Loose, moist, gray, POORLY GRADED SAND (SP), 100% medium sand.<br>@0.6 ft: Biota (one worm). Pocket of white spongey material.<br>@1.0 ft: Occasional pockets of organics (wood fragments, fibers). | |
| 2 | -8 | T25-SC05-1.5-2.5 | Archive | 19.3 | 1.5-3.3 ft: Loose, moist, light brown, Organic material (wood splinters less than 1 inch, fragments, fibers). 80% organics, 20% medium sand. Occasional organic material (shells/barnacle fragments). | |
| 3 | -9 | T25-SC05-2.5-3.3 | Archive | 13.1 | @3.0 ft: 1 inch layer of decomposed organic material.<br>End of core @ 3.3 ft. | |
| 4 | -10 | | | | | |
| 5 | -11 | | | | | |
| 6 | -12 | | | | | |
| 7 | -13 | | | | | |
| 8 | -14 | | | | | |
| 9 | -15 | | | | | |
| 10 | -16 | | | | | |

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**Notes:** Full Suite: Grain size, Dioxins/furans, Metals, PAHs, PCB Aroclors, SVOCs, TS, TOC
Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log
## SC-07



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **21.0 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-21 feet** | Attempt No.: **1** |
| Client: **Port of Seattle** | Drive Length: **9.5 feet** | Northing: **212704.13** Easting: **1267571.79** |
| Location: **Seattle, Washington** | Recovery Length (feet): **7.4** | Core Collection Date/Time: **3/25/19** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **0.0 feet @1517** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **78 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | -21 | | | | | |
| | | T25-SC07-0-1<br>T25-SC57-0-1 (FD) | Full Suite | 0.2 | 0.0-5.0 ft: Soft, moist, dark gray, SILT (ML), 85% fines, 15% fine sand. Occasional pockets with increase sand content. Occasional organic material (fibers, fragments). Slight H2S odor. | |
| 1 | -22 | | | 1.8 | | |
| | | T25-SC07-1-2<br>T25-SC07-1-2 | Archive<br>Geotech | | | |
| 2 | -23 | | | 5.9 | | |
| | | T25-SC07-2-3 | Archive | | | |
| 3 | -24 | | | 6.3 | | |
| | | T25-SC07-3-4 | Archive | | @3.0 ft: No odor.<br>@3.5 ft: anthropogenic debris (3 inch thin plastic wrapper). | |
| 4 | -25 | | | 0.3 | | |
| | | T25-SC07-4-5 | Archive | | | |
| 5 | -26 | | | 0.9 | | |
| | | T25-SC07-5-6 | Archive | | 5.0-7.0 ft: Medium dense, moist, olive gray, SILT with decomposed organic material (ML-OL), 80% fines, 20% fine sand, substantial organic material (fibers, fragments, decomposed material). | |
| 6 | -27 | | | 1.9 | | |
| | | T25-SC07-6-7 | Archive | | End of core @ 7.0 ft. | |
| 7 | -28 | | | 1.9 | | |
| 8 | -29 | | | | | |
| 9 | -30 | | | | | |
| 10 | -31 | | | | | |

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# Sediment Core Log
## SC-08



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **25.0 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-22.5 feet** | Attempt No.: **1** |
| Client: **Port of Seattle** | Drive Length: **12.0 feet** | Northing: **212881.97** Easting: **1267624.89** |
| Location: **Seattle, Washington** | Recovery Length (feet): **10.6 feet** | Core Collection Date/Time: **3/25/19 @ 1350** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **2.5 feet @1311** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **88 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | -22 | | | | | |
| | | T25-SC08-0-1 | Full Suite | 0.1 | 0.0-10.0 ft: Very soft, wet, dark gray, SILT (ML), 90% fines, 10% fine sand, moderate shell hash. Slight H2S-like odor. Trace organic material (fibers) throughout. | |
| 1 | -23 | T25-SC08-1-2 | Archive | 0.1 | @1.0 ft: Grades to moist. | |
| 2 | -24 | T25-SC08-2-3 | Archive | 4.7 | | |
| 3 | -25 | T25-SC08-3-4 | Archive | 3.3 | @3.0 ft: Occasional shell hash. | |
| 4 | -26 | T25-SC08-4-5 | Archive | 6.0 | | |
| 5 | -27 | T25-SC08-5-6 | Archive | 0.8 | @5.0 ft: No H2S-like odor.<br>@5.6 ft: 2 inch layer of substantial shells. | |
| 6 | -28 | T25-SC08-6-7 | Archive | 0.8 | @6.0 ft: Color grades to dark olive gray. Slight HC-like odor. | |
| 7 | -29 | T25-SC08-7-8 | Archive | 1.7 | | |
| 8 | -30 | T25-SC08-8-9 | Archive | 1.9 | @8.5 ft: Trace shells. | |
| 9 | -31 | T25-SC08-9-10 | Archive | 1.1 | | |
| 10 | -32 | | | 1.9 | End of core @ 10.0 ft. | |

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Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log

## SC-09A



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **32.8 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-30.9 feet** | Attempt No.: **5** |
| Client: **Port of Seattle** | Drive Length: **2.7 feet** | Northing: **212899.43** Easting: **1267739.39** |
| Location: **Seattle, Washington** | Recovery Length (feet): **1.5 feet** | Core Collection Date/Time: **3/24/19 @ 1415** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **1.85 feet @1557** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **56 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description<br>Samples and Descriptions are in in-situ depths.<br>Classification Scheme: USCS | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | -31 | T25-SC09-0-1 | Archive | 0.9<br>4.2 | 0.0-1.5 ft: Soft, moist, dark gray, SILT (ML), 80% fines, 20% fine sand. Slight HC-like odor. Trace shells (mussels). Trace anthropogenic fragments. | |
| 1 | -32 | T25-SC09-1-1.5 | Archive | 7.6<br>3.8 | @1.1 ft: Grades to gray.<br>End of core @1.5 feet. | |
| 2 | -33 | | | | | |
| 3 | -34 | | | | | |
| 4 | -35 | | | | | |
| 5 | -36 | | | | | |
| 6 | -37 | | | | | |
| 7 | -38 | | | | | |
| 8 | -39 | | | | | |
| 9 | -40 | | | | | |
| 10 | | | | | | |

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**Notes:** Full Suite: Grain size, Dioxins/furans, Metals, PAHs, PCB Aroclors, SVOCs, TS, TOC
Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS

# Sediment Core Log

## SC-09B



| | | |
|---|---|---|
| Project: **Port of Seattle T-25S Design Characterization** | Water Depth (feet): **14.9 feet** | Logged By: **Evan Malczyk** |
| Project #: **160003-03.03** | Mudline Elevation (ft MLLW): **-13.8 feet** | Attempt No.: **6** |
| Client: **Port of Seattle** | Drive Length: **5.0 feet** | Northing: **212873.88** Easting: **1267749.02** |
| Location: **Seattle, Washington** | Recovery Length (feet): **4.4 feet** | Core Collection Date/Time: **3/26/19** |
| Contractor: **Gravity Consulting** | Predicted Tidal Elevation (feet MLLW): **1.1 feet @ 1448** | Horizontal Datum: **NAD 83 WA State Plane North, feet** |
| Method/Core Diameter: **Vibracore / 4 inches** | Percent Recovery: **88 %** | Vertical Datum: **MLLW, feet** |

| In-situ Depth (feet) | Elevation (feet MLLW) | Sample | Chemical Analysis | PID | Sediment Description (Samples and Descriptions are in in-situ depths. Classification Scheme: USCS) | In-situ Interval |
|---|---|---|---|---|---|---|
| 0 | -15 | T25-SC09B-0-1 | Full Suite | 2.2 | 0.0-4.0 ft: Very soft, moist, grayish-brown, SILT (ML), 100% fines, trace fine sand, occasional organic material (fibers). | |
| 1 | -16 | T25-SC09B-1-2 | Archive | 19.9 | @1.0 ft: Grades to soft. | |
| 2 | -17 | T25-SC09B-2-3 | Archive | 9.7<br>1.2 | @2.0 ft: Grades to gray. | |
| 3 | -18 | T25-SC09B-3-4 | Archive | 0.1<br>0.7<br>4.9 | End of core @ 4.0 ft. | |
| 4 | -19 | | | | | |
| 5 | -20 | | | | | |
| 6 | -21 | | | | | |
| 7 | -22 | | | | | |
| 8 | -23 | | | | | |
| 9 | -24 | | | | | |
| 10 | | | | | | |

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Excavation Suite: PAHs, PCB Aroclors, SVOCs, TCLP Metals, TS