

APPENDIX D1

SAMPLING-SPECIFIC CULTURAL RESOURCES INFORMATION

INTRODUCTION

This appendix to the beach sediment quality assurance project plan (QAPP) provides QAPP-specific information that is necessary for cultural resource review of the proposed activity related to the remedial investigation and feasibility study and the QAPP-specific locations where sampling may result in ground penetration or disturbances.

Sediment Sampling

Field sampling methods associated with the beach sediment study will involve sediment collection and ground penetration/disturbance. Sediment sampling will occur at 34 beach areas of focused human use delimited by established recreational areas and via discussions with the U.S. Environmental Protection Agency (EPA) and representatives of Washington State Department of Ecology, U.S. Department of Interior, Confederated Tribes of the Colville Reservation, and Spokane Tribe of Indians.

Beaches to be sampled will be accessed by land or water depending on specific access conditions for that beach. Once present at the beach, the field sampling team will access each grab sample location by foot only. At each beach, surface sediment samples (i.e., 0–15 cm) will be collected from 60 discrete locations using either stainless-steel spades or shovels as described in Standard Operating Procedure (SOP) SL5 (Attachment 1). Subsurface sediment core samples (i.e., 0–30 in.; 0–75 cm or to refusal) will be collected at five additional locations at each beach using a coring device (e.g., stainless-steel bucket auger with special teeth, coring device with liner and core catcher, stainless-steel hand auger, or equivalent type of equipment) as described in SOPs SL6 and SD8 (Attachment 1).

Specific sampling points at each beach were selected randomly from a uniform grid distributed over the area at each beach that is expected to represent exposed sediment (i.e., the anticipated water's edge and estimated maximum upper elevation for that beach) during the 2009 sampling event. Table 1 provides a list of proposed station location coordinates for surface and subsurface sediment locations. At each beach, 60 coordinate pairs are represented for surface sediment samples. At 33 of the 34 beaches, 5 coordinate pairs are represented for subsurface sediment samples. In addition, coordinate pairs for up to 85 reserved sediment sample locations are listed for each beach. Each reserved location is designated as available for either "surface only" or "surface or subsurface" based on prior consultation with EPA and other interested parties. The purpose of the reserved coordinates is to facilitate selection of alternate sampling locations at each beach should any of the original 65 (surface plus subsurface) locations need to be relocated. As noted above, sampling points were identified over the area of each beach where exposed sediment is anticipated during the 2009 sampling event. As the actual exposed area may be less than the area covered by the grid, a large number of reserve locations are needed to address that possibility. Reserve locations may also be needed in the event that it is

necessary to relocate sampling points because of cultural resource issues, refusal, or other conditions that may be encountered in the field.

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	BS-495	Surface	452366.5505	5424360.2404
2	BS-346	Surface	452546.5505	5424390.2404
3	BS-240	Surface	452591.5505	5424410.2404
4	BS-46	Surface	452566.5505	5424455.2404
5	BS-145	Surface	452556.5505	5424430.2404
6	BS-44	Surface	452556.5505	5424455.2404
7	BS-481	Surface	452431.5505	5424365.2404
8	BS-256	Surface	452546.5505	5424405.2404
9	BS-542	Surface	452366.5505	5424350.2404
10	BS-210	Surface	452556.5505	5424415.2404
11	BS-340	Surface	452516.5505	5424390.2404
12	BS-373	Surface	452536.5505	5424385.2404
13	BS-42	Surface	452661.5505	5424460.2404
14	BS-473	Surface	452391.5505	5424365.2404
15	BS-359	Surface	452441.5505	5424385.2404
16	BS-490	Surface	452341.5505	5424360.2404
17	BS-548	Surface	452396.5505	5424350.2404
18	BS-206	Surface	452536.5505	5424415.2404
19	BS-11	Surface	452651.5505	5424475.2404
20	BS-238	Surface	452581.5505	5424410.2404
21	BS-449	Surface	452416.5505	5424370.2404
22	BS-143	Surface	452546.5505	5424430.2404
23	BS-192	Surface	452581.5505	5424420.2404
24	BS-480	Surface	452426.5505	5424365.2404
25	BS-567	Surface	452391.5505	5424345.2404
26	BS-471	Surface	452381.5505	5424365.2404
27	BS-369	Surface	452491.5505	5424385.2404
28	BS-262	Surface	452576.5505	5424405.2404
29	BS-434	Surface	452341.5505	5424370.2404
30	BS-320	Surface	452571.5505	5424395.2404
31	BS-151	Surface	452586.5505	5424430.2404
32	BS-28	Surface	452661.5505	5424465.2404
33	BS-285	Surface	452551.5505	5424400.2404
34	BS-429	Surface	452466.5505	5424375.2404
35	BS-407	Surface	452356.5505	5424375.2404
36	BS-110	Surface	452596.5505	5424440.2404
37	BS-75	Surface	452631.5505	5424450.2404
38	BS-496	Surface	452371.5505	5424360.2404
39	BS-263	Surface	452581.5505	5424405.2404
40	BS-583	Surface	452386.5505	5424340.2404
41	BS-543	Surface	452371.5505	5424350.2404
42	BS-308	Surface	452511.5505	5424395.2404
43	BS-345	Surface	452541.5505	5424390.2404
44	BS-41	Surface	452656.5505	5424460.2404
45	BS-127	Surface	452576.5505	5424435.2404
46	BS-491	Surface	452346.5505	5424360.2404
47	BS-101	Surface	452551.5505	5424440.2404
48	BS-57	Surface	452646.5505	5424455.2404
49	BS-584	Surface	452391.5505	5424340.2404
50	BS-236	Surface	452571.5505	5424410.2404
51	BS-112	Surface	452606.5505	5424440.2404
52	BS-582	Surface	452381.5505	5424340.2404
53	BS-535	Surface	452331.5505	5424350.2404

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	BS-195	Surface	452596.5505	5424420.2404
55	BS-322	Surface	452581.5505	5424395.2404
56	BS-446	Surface	452401.5505	5424370.2404
57	BS-194	Surface	452591.5505	5424420.2404
58	BS-540	Surface	452356.5505	5424350.2404
59	BS-245	Surface	452491.5505	5424405.2404
60	BS-400	Surface	452471.5505	5424380.2404
61	BS-99	Reserved (surface only)	452541.5505	5424440.2404
62	BS-458	Subsurface	452461.5505	5424370.2404
63	BS-522	Subsurface	452376.5505	5424355.2404
64	BS-226	Reserved (surface only)	452521.5505	5424410.2404
65	BS-20	Reserved (surface only)	452621.5505	5424465.2404
66	BS-220	Reserved (surface only)	452606.5505	5424415.2404
67	BS-388	Subsurface	452411.5505	5424380.2404
68	BS-280	Reserved (surface only)	452526.5505	5424400.2404
69	BS-454	Subsurface	452441.5505	5424370.2404
70	BS-342	Reserved (surface only)	452526.5505	5424390.2404
71	BS-155	Reserved (surface only)	452606.5505	5424430.2404
72	BS-119	Reserved (surface only)	452536.5505	5424435.2404
73	BS-16	Reserved (surface only)	452641.5505	5424470.2404
74	BS-311	Reserved (surface only)	452526.5505	5424395.2404
75	BS-188	Reserved (surface only)	452561.5505	5424420.2404
76	BS-355	Subsurface	452421.5505	5424385.2404
77	BS-272	Reserved (surface or subsurface)	452486.5505	5424400.2404
78	BS-487	Reserved (surface only)	452326.5505	5424360.2404
79	BS-58	Reserved (surface only)	452651.5505	5424455.2404
80	BS-362	Reserved (surface or subsurface)	452456.5505	5424385.2404
81	BS-385	Reserved (surface or subsurface)	452396.5505	5424380.2404
82	BS-520	Reserved (surface or subsurface)	452366.5505	5424355.2404
83	BS-223	Reserved (surface only)	452506.5505	5424410.2404
84	BS-427	Reserved (surface or subsurface)	452456.5505	5424375.2404
85	BS-436	Reserved (surface or subsurface)	452351.5505	5424370.2404
86	BS-348	Reserved (surface only)	452556.5505	5424390.2404
87	BS-303	Reserved (surface or subsurface)	452486.5505	5424395.2404
88	BS-398	Reserved (surface or subsurface)	452461.5505	5424380.2404
89	BS-33	Reserved (surface only)	452576.5505	5424460.2404
90	BS-136	Reserved (surface only)	452621.5505	5424435.2404
91	BS-464	Reserved (surface only)	452346.5505	5424365.2404
92	BS-278	Reserved (surface only)	452516.5505	5424400.2404
93	BS-96	Reserved (surface only)	452631.5505	5424445.2404
94	BS-360	Reserved (surface or subsurface)	452446.5505	5424385.2404
95	BS-547	Reserved (surface or subsurface)	452391.5505	5424350.2404
96	BS-415	Reserved (surface or subsurface)	452396.5505	5424375.2404
97	BS-562	Reserved (surface or subsurface)	452366.5505	5424345.2404
98	BS-189	Reserved (surface only)	452566.5505	5424420.2404
99	BS-587	Reserved (surface only)	452331.5505	5424335.2404
100	BS-573	Reserved (surface only)	452336.5505	5424340.2404
101	BS-12	Reserved (surface only)	452656.5505	5424475.2404
102	BS-380	Reserved (surface or subsurface)	452371.5505	5424380.2404
103	BS-251	Reserved (surface only)	452521.5505	5424405.2404
104	BS-410	Reserved (surface or subsurface)	452371.5505	5424375.2404
105	BS-431	Reserved (surface or subsurface)	452476.5505	5424375.2404
106	BS-81	Reserved (surface only)	452556.5505	5424445.2404

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	BS-269	Reserved (surface or subsurface)	452471.5505	5424400.2404
108	BS-105	Reserved (surface only)	452571.5505	5424440.2404
109	BS-413	Reserved (surface or subsurface)	452386.5505	5424375.2404
110	BS-24	Reserved (surface only)	452641.5505	5424465.2404
111	BS-313	Reserved (surface only)	452536.5505	5424395.2404
112	BS-512	Reserved (surface only)	452326.5505	5424355.2404
113	BS-190	Reserved (surface only)	452571.5505	5424420.2404
114	BS-300	Reserved (surface or subsurface)	452471.5505	5424395.2404
115	BS-140	Reserved (surface only)	452531.5505	5424430.2404
116	BS-405	Reserved (surface only)	452346.5505	5424375.2404
117	BS-91	Reserved (surface only)	452606.5505	5424445.2404
118	BS-161	Reserved (surface only)	452531.5505	5424425.2404
119	BS-235	Reserved (surface only)	452566.5505	5424410.2404
120	BS-45	Reserved (surface only)	452561.5505	5424455.2404
121	BS-326	Reserved (surface or subsurface)	452446.5505	5424390.2404
122	BS-352	Reserved (surface only)	452576.5505	5424390.2404
123	BS-200	Reserved (surface only)	452621.5505	5424420.2404
124	BS-526	Reserved (surface or subsurface)	452396.5505	5424355.2404
125	BS-375	Reserved (surface only)	452546.5505	5424385.2404
126	BS-183	Reserved (surface only)	452536.5505	5424420.2404
127	BS-302	Reserved (surface or subsurface)	452481.5505	5424395.2404
128	BS-298	Reserved (surface or subsurface)	452461.5505	5424395.2404
129	BS-317	Reserved (surface only)	452556.5505	5424395.2404
130	BS-215	Reserved (surface only)	452581.5505	5424415.2404
131	BS-167	Reserved (surface only)	452561.5505	5424425.2404
132	BS-396	Reserved (surface or subsurface)	452451.5505	5424380.2404
133	BS-524	Reserved (surface or subsurface)	452386.5505	5424355.2404
134	BS-162	Reserved (surface only)	452536.5505	5424425.2404
135	BS-47	Reserved (surface only)	452571.5505	5424455.2404
136	BS-563	Reserved (surface or subsurface)	452371.5505	5424345.2404
137	BS-203	Reserved (surface only)	452521.5505	5424415.2404
138	BS-93	Reserved (surface only)	452616.5505	5424445.2404
139	BS-386	Reserved (surface or subsurface)	452401.5505	5424380.2404
140	BS-544	Reserved (surface or subsurface)	452376.5505	5424350.2404
141	BS-505	Reserved (surface or subsurface)	452416.5505	5424360.2404
142	BS-501	Reserved (surface or subsurface)	452396.5505	5424360.2404
143	BS-370	Reserved (surface or subsurface)	452496.5505	5424385.2404
144	BS-211	Reserved (surface only)	452561.5505	5424415.2404
145	BS-266	Reserved (surface only)	452596.5505	5424405.2404
146	BS-72	Reserved (surface only)	452616.5505	5424450.2404
147	BS-260	Reserved (surface only)	452566.5505	5424405.2404
148	BS-538	Reserved (surface only)	452346.5505	5424350.2404
149	BS-62	Reserved (surface only)	452561.5505	5424450.2404
150	BS-422	Reserved (surface or subsurface)	452431.5505	5424375.2404

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	RV-159	Surface	448326.8978	5422174.5376
2	RV-296	Surface	448311.8978	5422129.5376
3	RV-31	Surface	448441.8978	5422209.5376
4	RV-362	Surface	448221.8978	5422094.5376
5	RV-408	Surface	448221.8978	5422079.5376
6	RV-360	Surface	448281.8978	5422099.5376
7	RV-85	Surface	448416.8978	5422194.5376
8	RV-412	Surface	448241.8978	5422079.5376
9	RV-162	Surface	448341.8978	5422174.5376
10	RV-205	Surface	448366.8978	5422164.5376
11	RV-330	Surface	448256.8978	5422109.5376
12	RV-20	Surface	448451.8978	5422214.5376
13	RV-397	Surface	448241.8978	5422084.5376
14	RV-259	Surface	448326.8978	5422144.5376
15	RV-136	Surface	448416.8978	5422184.5376
16	RV-358	Surface	448271.8978	5422099.5376
17	RV-213	Surface	448321.8978	5422159.5376
18	RV-133	Surface	448401.8978	5422184.5376
19	RV-65	Surface	448426.8978	5422199.5376
20	RV-306	Surface	448301.8978	5422124.5376
21	RV-422	Surface	448226.8978	5422074.5376
22	RV-332	Surface	448266.8978	5422109.5376
23	RV-128	Surface	448376.8978	5422184.5376
24	RV-384	Surface	448256.8978	5422089.5376
25	RV-338	Surface	448236.8978	5422104.5376
26	RV-225	Surface	448301.8978	5422154.5376
27	RV-313	Surface	448281.8978	5422119.5376
28	RV-341	Surface	448251.8978	5422104.5376
29	RV-312	Surface	448276.8978	5422119.5376
30	RV-418	Surface	448206.8978	5422074.5376
31	RV-339	Surface	448241.8978	5422104.5376
32	RV-289	Surface	448276.8978	5422129.5376
33	RV-33	Surface	448451.8978	5422209.5376
34	RV-62	Surface	448411.8978	5422199.5376
35	RV-395	Surface	448231.8978	5422084.5376
36	RV-244	Surface	448321.8978	5422149.5376
37	RV-364	Surface	448231.8978	5422094.5376
38	RV-319	Surface	448256.8978	5422114.5376
39	RV-246	Surface	448331.8978	5422149.5376
40	RV-149	Surface	448371.8978	5422179.5376
41	RV-187	Surface	448371.8978	5422169.5376
42	RV-173	Surface	448396.8978	5422174.5376
43	RV-214	Surface	448326.8978	5422159.5376
44	RV-75	Surface	448366.8978	5422194.5376
45	RV-195	Surface	448316.8978	5422164.5376
46	RV-67	Surface	448436.8978	5422199.5376
47	RV-43	Surface	448416.8978	5422204.5376
48	RV-48	Surface	448441.8978	5422204.5376
49	RV-321	Surface	448266.8978	5422114.5376
50	RV-108	Surface	448401.8978	5422189.5376
51	RV-79	Surface	448386.8978	5422194.5376
52	RV-14	Surface	448421.8978	5422214.5376
53	RV-325	Surface	448286.8978	5422114.5376

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	RV-70	Surface	448451.8978	5422199.5376
55	RV-393	Surface	448221.8978	5422084.5376
56	RV-320	Surface	448261.8978	5422114.5376
57	RV-50	Surface	448451.8978	5422204.5376
58	RV-353	Surface	448246.8978	5422099.5376
59	RV-7	Surface	448441.8978	5422219.5376
60	RV-179	Surface	448331.8978	5422169.5376
61	RV-185	Subsurface	448361.8978	5422169.5376
62	RV-82	Subsurface	448401.8978	5422194.5376
63	RV-101	Subsurface	448366.8978	5422189.5376
64	RV-64	Subsurface	448421.8978	5422199.5376
65	RV-181	Subsurface	448341.8978	5422169.5376
66	RV-413	Reserved (surface or subsurface)	448246.8978	5422079.5376
67	RV-426	Reserved (surface or subsurface)	448191.8978	5422069.5376
68	RV-399	Reserved (surface or subsurface)	448251.8978	5422084.5376
69	RV-83	Reserved (surface or subsurface)	448406.8978	5422194.5376
70	RV-262	Reserved (surface or subsurface)	448271.8978	5422139.5376
71	RV-170	Reserved (surface or subsurface)	448381.8978	5422174.5376
72	RV-314	Reserved (surface or subsurface)	448286.8978	5422119.5376
73	RV-350	Reserved (surface or subsurface)	448231.8978	5422099.5376
74	RV-293	Reserved (surface or subsurface)	448296.8978	5422129.5376
75	RV-190	Reserved (surface or subsurface)	448386.8978	5422169.5376
76	RV-427	Reserved (surface or subsurface)	448196.8978	5422069.5376
77	RV-100	Reserved (surface or subsurface)	448361.8978	5422189.5376
78	RV-125	Reserved (surface or subsurface)	448361.8978	5422184.5376
79	RV-176	Reserved (surface or subsurface)	448316.8978	5422169.5376
80	RV-29	Reserved (surface or subsurface)	448431.8978	5422209.5376
81	RV-97	Reserved (surface or subsurface)	448476.8978	5422194.5376
82	RV-347	Reserved (surface or subsurface)	448281.8978	5422104.5376
83	RV-268	Reserved (surface or subsurface)	448301.8978	5422139.5376
84	RV-151	Reserved (surface or subsurface)	448381.8978	5422179.5376
85	RV-348	Reserved (surface or subsurface)	448286.8978	5422104.5376
86	RV-1	Reserved (surface or subsurface)	448451.8978	5422224.5376
87	RV-172	Reserved (surface or subsurface)	448391.8978	5422174.5376
88	RV-106	Reserved (surface or subsurface)	448391.8978	5422189.5376
89	RV-352	Reserved (surface or subsurface)	448241.8978	5422099.5376
90	RV-104	Reserved (surface or subsurface)	448381.8978	5422189.5376
91	RV-88	Reserved (surface or subsurface)	448431.8978	5422194.5376
92	RV-257	Reserved (surface or subsurface)	448316.8978	5422144.5376
93	RV-287	Reserved (surface or subsurface)	448266.8978	5422129.5376
94	RV-428	Reserved (surface or subsurface)	448201.8978	5422069.5376
95	RV-57	Reserved (surface or subsurface)	448386.8978	5422199.5376
96	RV-188	Reserved (surface or subsurface)	448376.8978	5422169.5376
97	RV-237	Reserved (surface or subsurface)	448286.8978	5422149.5376
98	RV-271	Reserved (surface or subsurface)	448316.8978	5422139.5376
99	RV-283	Reserved (surface or subsurface)	448311.8978	5422134.5376
100	RV-278	Reserved (surface or subsurface)	448286.8978	5422134.5376
101	RV-258	Reserved (surface or subsurface)	448321.8978	5422144.5376
102	RV-196	Reserved (surface or subsurface)	448321.8978	5422164.5376
103	RV-229	Reserved (surface or subsurface)	448321.8978	5422154.5376
104	RV-167	Reserved (surface or subsurface)	448366.8978	5422174.5376
105	RV-273	Reserved (surface or subsurface)	448326.8978	5422139.5376
106	RV-377	Reserved (surface or subsurface)	448221.8978	5422089.5376

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Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	RV-417	Reserved (surface or subsurface)	448201.8978	5422074.5376
108	RV-109	Reserved (surface or subsurface)	448406.8978	5422189.5376
109	RV-378	Reserved (surface or subsurface)	448226.8978	5422089.5376
110	RV-12	Reserved (surface or subsurface)	448466.8978	5422219.5376
111	RV-60	Reserved (surface or subsurface)	448401.8978	5422199.5376
112	RV-429	Reserved (surface or subsurface)	448206.8978	5422069.5376
113	RV-25	Reserved (surface or subsurface)	448411.8978	5422209.5376
114	RV-217	Reserved (surface or subsurface)	448341.8978	5422159.5376
115	RV-388	Reserved (surface or subsurface)	448196.8978	5422084.5376
116	RV-192	Reserved (surface or subsurface)	448301.8978	5422164.5376
117	RV-333	Reserved (surface or subsurface)	448271.8978	5422109.5376
118	RV-142	Reserved (surface or subsurface)	448336.8978	5422179.5376
119	RV-282	Reserved (surface or subsurface)	448306.8978	5422134.5376
120	RV-265	Reserved (surface or subsurface)	448286.8978	5422139.5376
121	RV-23	Reserved (surface or subsurface)	448466.8978	5422214.5376
122	RV-127	Reserved (surface or subsurface)	448371.8978	5422184.5376
123	RV-290	Reserved (surface or subsurface)	448281.8978	5422129.5376
124	RV-58	Reserved (surface or subsurface)	448391.8978	5422199.5376
125	RV-59	Reserved (surface or subsurface)	448396.8978	5422199.5376
126	RV-180	Reserved (surface or subsurface)	448336.8978	5422169.5376
127	RV-186	Reserved (surface or subsurface)	448366.8978	5422169.5376
128	RV-345	Reserved (surface or subsurface)	448271.8978	5422104.5376
129	RV-269	Reserved (surface or subsurface)	448306.8978	5422139.5376
130	RV-308	Reserved (surface or subsurface)	448256.8978	5422119.5376
131	RV-160	Reserved (surface or subsurface)	448331.8978	5422174.5376
132	RV-236	Reserved (surface or subsurface)	448281.8978	5422149.5376
133	RV-337	Reserved (surface or subsurface)	448231.8978	5422104.5376
134	RV-122	Reserved (surface or subsurface)	448346.8978	5422184.5376
135	RV-391	Reserved (surface or subsurface)	448211.8978	5422084.5376
136	RV-250	Reserved (surface or subsurface)	448281.8978	5422144.5376
137	RV-34	Reserved (surface or subsurface)	448456.8978	5422209.5376
138	RV-200	Reserved (surface or subsurface)	448341.8978	5422164.5376
139	RV-216	Reserved (surface or subsurface)	448336.8978	5422159.5376
140	RV-322	Reserved (surface or subsurface)	448271.8978	5422114.5376
141	RV-26	Reserved (surface or subsurface)	448416.8978	5422209.5376
142	RV-169	Reserved (surface or subsurface)	448376.8978	5422174.5376
143	RV-95	Reserved (surface or subsurface)	448466.8978	5422194.5376
144	RV-66	Reserved (surface or subsurface)	448431.8978	5422199.5376
145	RV-183	Reserved (surface or subsurface)	448351.8978	5422169.5376
146	RV-376	Reserved (surface or subsurface)	448216.8978	5422089.5376
147	RV-171	Reserved (surface or subsurface)	448386.8978	5422174.5376
148	RV-40	Reserved (surface or subsurface)	448401.8978	5422204.5376
149	RV-140	Reserved (surface or subsurface)	448326.8978	5422179.5376
150	RV-84	Reserved (surface or subsurface)	448411.8978	5422194.5376

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	NP-723	Surface	442755.5919	5418813.4956
2	NP-130	Surface	443435.5919	5419103.4956
3	NP-722	Surface	442745.5919	5418813.4956
4	NP-610	Surface	442855.5919	5418873.4956
5	NP-126	Surface	443395.5919	5419103.4956
6	NP-317	Surface	443305.5919	5419043.4956
7	NP-734	Surface	442785.5919	5418803.4956
8	NP-512	Surface	442875.5919	5418923.4956
9	NP-63	Surface	443325.5919	5419123.4956
10	NP-286	Surface	443235.5919	5419053.4956
11	NP-196	Surface	443405.5919	5419083.4956
12	NP-526	Surface	442965.5919	5418913.4956
13	NP-600	Surface	442755.5919	5418873.4956
14	NP-67	Surface	443365.5919	5419123.4956
15	NP-537	Surface	442955.5919	5418903.4956
16	NP-634	Surface	442815.5919	5418863.4956
17	NP-732	Surface	442765.5919	5418803.4956
18	NP-698	Surface	442785.5919	5418833.4956
19	NP-148	Surface	443285.5919	5419093.4956
20	NP-390	Surface	443115.5919	5419003.4956
21	NP-731	Surface	442755.5919	5418803.4956
22	NP-121	Surface	443345.5919	5419103.4956
23	NP-123	Surface	443365.5919	5419103.4956
24	NP-42	Surface	443355.5919	5419133.4956
25	NP-287	Surface	443245.5919	5419053.4956
26	NP-245	Surface	443145.5919	5419063.4956
27	NP-654	Surface	442765.5919	5418853.4956
28	NP-346	Surface	443135.5919	5419023.4956
29	NP-471	Surface	443085.5919	5418963.4956
30	NP-258	Surface	443275.5919	5419063.4956
31	NP-536	Surface	442855.5919	5418903.4956
32	NP-377	Surface	443225.5919	5419013.4956
33	NP-60	Surface	443295.5919	5419123.4956
34	NP-418	Surface	443155.5919	5418993.4956
35	NP-521	Surface	442835.5919	5418913.4956
36	NP-672	Surface	442945.5919	5418853.4956
37	NP-64	Surface	443335.5919	5419123.4956
38	NP-120	Surface	443335.5919	5419103.4956
39	NP-268	Surface	443375.5919	5419063.4956
40	NP-664	Surface	442865.5919	5418853.4956
41	NP-397	Surface	443185.5919	5419003.4956
42	NP-576	Surface	442785.5919	5418883.4956
43	NP-581	Surface	442835.5919	5418883.4956
44	NP-710	Surface	442745.5919	5418823.4956
45	NP-398	Surface	443195.5919	5419003.4956
46	NP-332	Surface	443225.5919	5419033.4956
47	NP-12	Surface	443425.5919	5419153.4956
48	NP-638	Surface	442855.5919	5418863.4956
49	NP-262	Surface	443315.5919	5419063.4956
50	NP-499	Surface	442865.5919	5418933.4956
51	NP-393	Surface	443145.5919	5419003.4956
52	NP-678	Surface	442775.5919	5418843.4956
53	NP-452	Surface	443035.5919	5418973.4956

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	NP-656	Surface	442785.5919	5418853.4956
55	NP-119	Surface	443325.5919	5419103.4956
56	NP-361	Surface	443285.5919	5419023.4956
57	NP-568	Surface	443015.5919	5418893.4956
58	NP-29	Surface	443435.5919	5419143.4956
59	NP-82	Surface	443515.5919	5419123.4956
60	NP-571	Surface	443045.5919	5418893.4956
61	NP-596	Subsurface	443015.5919	5418883.4956
62	NP-362	Subsurface	443295.5919	5419023.4956
63	NP-215	Subsurface	443225.5919	5419073.4956
64	NP-598	Subsurface	443035.5919	5418883.4956
65	NP-138	Subsurface	443515.5919	5419103.4956
66	NP-158	Reserved (surface or subsurface)	443385.5919	5419093.4956
67	NP-692	Reserved (surface or subsurface)	442915.5919	5418843.4956
68	NP-544	Reserved (surface or subsurface)	443025.5919	5418903.4956
69	NP-16	Reserved (surface or subsurface)	443465.5919	5419153.4956
70	NP-66	Reserved (surface or subsurface)	443355.5919	5419123.4956
71	NP-298	Reserved (surface or subsurface)	443355.5919	5419053.4956
72	NP-242	Reserved (surface or subsurface)	443495.5919	5419073.4956
73	NP-436	Reserved (surface or subsurface)	443085.5919	5418983.4956
74	NP-459	Reserved (surface or subsurface)	443155.5919	5418973.4956
75	NP-177	Reserved (surface or subsurface)	443215.5919	5419083.4956
76	NP-528	Reserved (surface or subsurface)	442985.5919	5418913.4956
77	NP-10	Reserved (surface or subsurface)	443405.5919	5419153.4956
78	NP-607	Reserved (surface or subsurface)	442825.5919	5418873.4956
79	NP-380	Reserved (surface or subsurface)	443255.5919	5419013.4956
80	NP-350	Reserved (surface or subsurface)	443175.5919	5419023.4956
81	NP-132	Reserved (surface or subsurface)	443455.5919	5419103.4956
82	NP-226	Reserved (surface or subsurface)	443335.5919	5419073.4956
83	NP-331	Reserved (surface or subsurface)	443215.5919	5419033.4956
84	NP-605	Reserved (surface or subsurface)	442805.5919	5418873.4956
85	NP-709	Reserved (surface or subsurface)	442895.5919	5418833.4956
86	NP-515	Reserved (surface or subsurface)	442965.5919	5418923.4956
87	NP-127	Reserved (surface or subsurface)	443405.5919	5419103.4956
88	NP-122	Reserved (surface or subsurface)	443355.5919	5419103.4956
89	NP-530	Reserved (surface or subsurface)	443005.5919	5418913.4956
90	NP-247	Reserved (surface or subsurface)	443165.5919	5419063.4956
91	NP-602	Reserved (surface or subsurface)	442775.5919	5418873.4956
92	NP-631	Reserved (surface or subsurface)	442785.5919	5418863.4956
93	NP-688	Reserved (surface or subsurface)	442875.5919	5418843.4956
94	NP-33	Reserved (surface or subsurface)	443475.5919	5419143.4956
95	NP-661	Reserved (surface or subsurface)	442835.5919	5418853.4956
96	NP-178	Reserved (surface or subsurface)	443225.5919	5419083.4956
97	NP-146	Reserved (surface or subsurface)	443265.5919	5419093.4956
98	NP-281	Reserved (surface or subsurface)	443185.5919	5419053.4956
99	NP-612	Reserved (surface or subsurface)	442875.5919	5418873.4956
100	NP-622	Reserved (surface or subsurface)	442975.5919	5418873.4956
101	NP-279	Reserved (surface or subsurface)	443165.5919	5419053.4956
102	NP-720	Reserved (surface or subsurface)	442845.5919	5418823.4956
103	NP-567	Reserved (surface or subsurface)	443005.5919	5418893.4956
104	NP-2	Reserved (surface or subsurface)	443435.5919	5419163.4956
105	NP-114	Reserved (surface or subsurface)	443275.5919	5419103.4956
106	NP-151	Reserved (surface or subsurface)	443315.5919	5419093.4956

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	NP-548	Reserved (surface or subsurface)	443065.5919	5418903.4956
108	NP-373	Reserved (surface or subsurface)	443185.5919	5419013.4956
109	NP-464	Reserved (surface or subsurface)	443205.5919	5418973.4956
110	NP-730	Reserved (surface or subsurface)	442825.5919	5418813.4956
111	NP-655	Reserved (surface or subsurface)	442775.5919	5418853.4956
112	NP-517	Reserved (surface or subsurface)	442985.5919	5418923.4956
113	NP-256	Reserved (surface or subsurface)	443255.5919	5419063.4956
114	NP-75	Reserved (surface or subsurface)	443445.5919	5419123.4956
115	NP-80	Reserved (surface or subsurface)	443495.5919	5419123.4956
116	NP-555	Reserved (surface or subsurface)	442835.5919	5418893.4956
117	NP-323	Reserved (surface or subsurface)	443135.5919	5419033.4956
118	NP-280	Reserved (surface or subsurface)	443175.5919	5419053.4956
119	NP-611	Reserved (surface or subsurface)	442865.5919	5418873.4956
120	NP-73	Reserved (surface or subsurface)	443425.5919	5419123.4956
121	NP-99	Reserved (surface or subsurface)	443415.5919	5419113.4956
122	NP-364	Reserved (surface or subsurface)	443095.5919	5419013.4956
123	NP-140	Reserved (surface or subsurface)	443205.5919	5419093.4956
124	NP-182	Reserved (surface or subsurface)	443265.5919	5419083.4956
125	NP-308	Reserved (surface or subsurface)	443215.5919	5419043.4956
126	NP-562	Reserved (surface or subsurface)	442955.5919	5418893.4956
127	NP-163	Reserved (surface or subsurface)	443435.5919	5419093.4956
128	NP-585	Reserved (surface or subsurface)	442905.5919	5418883.4956
129	NP-11	Reserved (surface or subsurface)	443415.5919	5419153.4956
130	NP-272	Reserved (surface or subsurface)	443485.5919	5419063.4956
131	NP-399	Reserved (surface or subsurface)	443205.5919	5419003.4956
132	NP-552	Reserved (surface or subsurface)	442805.5919	5418893.4956
133	NP-422	Reserved (surface or subsurface)	443195.5919	5418993.4956
134	NP-458	Reserved (surface or subsurface)	443105.5919	5418973.4956
135	NP-111	Reserved (surface or subsurface)	443245.5919	5419103.4956
136	NP-700	Reserved (surface or subsurface)	442805.5919	5418833.4956
137	NP-101	Reserved (surface or subsurface)	443435.5919	5419113.4956
138	NP-560	Reserved (surface or subsurface)	442935.5919	5418893.4956
139	NP-366	Reserved (surface or subsurface)	443115.5919	5419013.4956
140	NP-632	Reserved (surface or subsurface)	442795.5919	5418863.4956
141	NP-599	Reserved (surface or subsurface)	442745.5919	5418873.4956
142	NP-529	Reserved (surface or subsurface)	442995.5919	5418913.4956
143	NP-584	Reserved (surface or subsurface)	442895.5919	5418883.4956
144	NP-447	Reserved (surface or subsurface)	442985.5919	5418973.4956
145	NP-575	Reserved (surface or subsurface)	442775.5919	5418883.4956
146	NP-251	Reserved (surface or subsurface)	443205.5919	5419063.4956
147	NP-470	Reserved (surface or subsurface)	443075.5919	5418963.4956
148	NP-205	Reserved (surface or subsurface)	443495.5919	5419083.4956
149	NP-330	Reserved (surface or subsurface)	443205.5919	5419033.4956
150	NP-502	Reserved (surface or subsurface)	442895.5919	5418933.4956

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	OC-551	Surface	437994.4838	5413828.5420
2	OC-658	Surface	437949.4838	5413808.5420
3	OC-512	Surface	437949.4838	5413833.5420
4	OC-1	Surface	437754.4838	5413923.5420
5	OC-411	Surface	437944.4838	5413848.5420
6	OC-276	Surface	437919.4838	5413868.5420
7	OC-509	Surface	437934.4838	5413833.5420
8	OC-653	Surface	437924.4838	5413808.5420
9	OC-443	Surface	437929.4838	5413843.5420
10	OC-360	Surface	437859.4838	5413853.5420
11	OC-637	Surface	437989.4838	5413813.5420
12	OC-53	Surface	437834.4838	5413908.5420
13	OC-102	Surface	437854.4838	5413898.5420
14	OC-552	Surface	437999.4838	5413828.5420
15	OC-536	Surface	437919.4838	5413828.5420
16	OC-629	Surface	437949.4838	5413813.5420
17	OC-719	Surface	437954.4838	5413783.5420
18	OC-56	Surface	437749.4838	5413903.5420
19	OC-383	Surface	437974.4838	5413853.5420
20	OC-216	Surface	437904.4838	5413878.5420
21	OC-255	Surface	437814.4838	5413868.5420
22	OC-746	Surface	437954.4838	5413763.5420
23	OC-583	Surface	438004.4838	5413823.5420
24	OC-460	Surface	438014.4838	5413843.5420
25	OC-169	Surface	437804.4838	5413883.5420
26	OC-732	Surface	437939.4838	5413773.5420
27	OC-133	Surface	437879.4838	5413893.5420
28	OC-486	Surface	437979.4838	5413838.5420
29	OC-519	Surface	437984.4838	5413833.5420
30	OC-65	Surface	437794.4838	5413903.5420
31	OC-422	Surface	437999.4838	5413848.5420
32	OC-454	Surface	437984.4838	5413843.5420
33	OC-499	Surface	437884.4838	5413833.5420
34	OC-647	Surface	437894.4838	5413808.5420
35	OC-264	Surface	437859.4838	5413868.5420
36	OC-83	Surface	437759.4838	5413898.5420
37	OC-643	Surface	438019.4838	5413813.5420
38	OC-375	Surface	437934.4838	5413853.5420
39	OC-35	Surface	437824.4838	5413913.5420
40	OC-320	Surface	437824.4838	5413858.5420
41	OC-722	Surface	437929.4838	5413778.5420
42	OC-164	Surface	437779.4838	5413883.5420
43	OC-67	Surface	437804.4838	5413903.5420
44	OC-40	Surface	437769.4838	5413908.5420
45	OC-107	Surface	437879.4838	5413898.5420
46	OC-644	Surface	438024.4838	5413813.5420
47	OC-701	Surface	437909.4838	5413788.5420
48	OC-292	Surface	437844.4838	5413863.5420
49	OC-498	Surface	437879.4838	5413833.5420
50	OC-636	Surface	437984.4838	5413813.5420
51	OC-308	Surface	437924.4838	5413863.5420
52	OC-621	Surface	437909.4838	5413813.5420
53	OC-724	Surface	437939.4838	5413778.5420

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	OC-232	Surface	437844.4838	5413873.5420
55	OC-183	Surface	437874.4838	5413883.5420
56	OC-7	Surface	437784.4838	5413923.5420
57	OC-549	Surface	437984.4838	5413828.5420
58	OC-315	Surface	437959.4838	5413863.5420
59	OC-679	Surface	437904.4838	5413798.5420
60	OC-199	Surface	437819.4838	5413878.5420
61	OC-330	Reserved (surface only)	437874.4838	5413858.5420
62	OC-84	Subsurface	437764.4838	5413898.5420
63	OC-537	Reserved (surface only)	437924.4838	5413828.5420
64	OC-368	Reserved (surface only)	437899.4838	5413853.5420
65	OC-10	Subsurface	437759.4838	5413918.5420
66	OC-668	Reserved (surface only)	437909.4838	5413803.5420
67	OC-116	Subsurface	437794.4838	5413893.5420
68	OC-78	Reserved (surface only)	437859.4838	5413903.5420
69	OC-581	Reserved (surface only)	437994.4838	5413823.5420
70	OC-55	Reserved (surface only)	437844.4838	5413908.5420
71	OC-296	Reserved (surface only)	437864.4838	5413863.5420
72	OC-212	Reserved (surface only)	437884.4838	5413878.5420
73	OC-534	Reserved (surface only)	437909.4838	5413828.5420
74	OC-51	Reserved (surface only)	437824.4838	5413908.5420
75	OC-176	Reserved (surface only)	437839.4838	5413883.5420
76	OC-409	Reserved (surface only)	437934.4838	5413848.5420
77	OC-633	Reserved (surface only)	437969.4838	5413813.5420
78	OC-85	Subsurface	437769.4838	5413898.5420
79	OC-47	Subsurface	437804.4838	5413908.5420
80	OC-366	Reserved (surface only)	437889.4838	5413853.5420
81	OC-738	Reserved (surface or subsurface)	437934.4838	5413768.5420
82	OC-60	Reserved (surface or subsurface)	437769.4838	5413903.5420
83	OC-204	Reserved (surface only)	437844.4838	5413878.5420
84	OC-580	Reserved (surface only)	437989.4838	5413823.5420
85	OC-489	Reserved (surface only)	437994.4838	5413838.5420
86	OC-513	Reserved (surface only)	437954.4838	5413833.5420
87	OC-574	Reserved (surface only)	437959.4838	5413823.5420
88	OC-337	Reserved (surface only)	437909.4838	5413858.5420
89	OC-250	Reserved (surface only)	437934.4838	5413873.5420
90	OC-652	Reserved (surface only)	437919.4838	5413808.5420
91	OC-660	Reserved (surface only)	437959.4838	5413808.5420
92	OC-303	Reserved (surface only)	437899.4838	5413863.5420
93	OC-632	Reserved (surface only)	437964.4838	5413813.5420
94	OC-288	Reserved (surface or subsurface)	437824.4838	5413863.5420
95	OC-263	Reserved (surface only)	437854.4838	5413868.5420
96	OC-147	Reserved (surface or subsurface)	437819.4838	5413888.5420
97	OC-123	Reserved (surface only)	437829.4838	5413893.5420
98	OC-556	Reserved (surface or subsurface)	438019.4838	5413828.5420
99	OC-535	Reserved (surface only)	437914.4838	5413828.5420
100	OC-4	Reserved (surface or subsurface)	437769.4838	5413923.5420
101	OC-167	Reserved (surface or subsurface)	437794.4838	5413883.5420
102	OC-251	Reserved (surface only)	437939.4838	5413873.5420
103	OC-667	Reserved (surface only)	437904.4838	5413803.5420
104	OC-710	Reserved (surface only)	437954.4838	5413788.5420
105	OC-194	Reserved (surface or subsurface)	437794.4838	5413878.5420
106	OC-601	Reserved (surface only)	437949.4838	5413818.5420

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	OC-704	Reserved (surface only)	437924.4838	5413788.5420
108	OC-437	Reserved (surface only)	437899.4838	5413843.5420
109	OC-141	Reserved (surface or subsurface)	437789.4838	5413888.5420
110	OC-550	Reserved (surface only)	437989.4838	5413828.5420
111	OC-182	Reserved (surface only)	437869.4838	5413883.5420
112	OC-491	Reserved (surface only)	438004.4838	5413838.5420
113	OC-239	Reserved (surface only)	437879.4838	5413873.5420
114	OC-378	Reserved (surface only)	437949.4838	5413853.5420
115	OC-538	Reserved (surface only)	437929.4838	5413828.5420
116	OC-115	Reserved (surface or subsurface)	437789.4838	5413893.5420
117	OC-241	Reserved (surface only)	437889.4838	5413873.5420
118	OC-310	Reserved (surface only)	437934.4838	5413863.5420
119	OC-390	Reserved (surface or subsurface)	437839.4838	5413848.5420
120	OC-358	Reserved (surface or subsurface)	437849.4838	5413853.5420
121	OC-313	Reserved (surface only)	437949.4838	5413863.5420
122	OC-81	Reserved (surface only)	437874.4838	5413903.5420
123	OC-561	Reserved (surface only)	437894.4838	5413823.5420
124	OC-86	Reserved (surface or subsurface)	437774.4838	5413898.5420
125	OC-618	Reserved (surface only)	437894.4838	5413813.5420
126	OC-157	Reserved (surface only)	437869.4838	5413888.5420
127	OC-458	Reserved (surface only)	438004.4838	5413843.5420
128	OC-179	Reserved (surface only)	437854.4838	5413883.5420
129	OC-389	Reserved (surface or subsurface)	437834.4838	5413848.5420
130	OC-153	Reserved (surface only)	437849.4838	5413888.5420
131	OC-544	Reserved (surface only)	437959.4838	5413828.5420
132	OC-630	Reserved (surface only)	437954.4838	5413813.5420
133	OC-59	Reserved (surface or subsurface)	437764.4838	5413903.5420
134	OC-432	Reserved (surface only)	437874.4838	5413843.5420
135	OC-505	Reserved (surface only)	437914.4838	5413833.5420
136	OC-729	Reserved (surface or subsurface)	437924.4838	5413773.5420
137	OC-736	Reserved (surface or subsurface)	437959.4838	5413773.5420
138	OC-173	Reserved (surface or subsurface)	437824.4838	5413883.5420
139	OC-662	Reserved (surface or subsurface)	438014.4838	5413808.5420
140	OC-158	Reserved (surface only)	437874.4838	5413888.5420
141	OC-29	Reserved (surface or subsurface)	437794.4838	5413913.5420
142	OC-45	Reserved (surface or subsurface)	437794.4838	5413908.5420
143	OC-467	Reserved (surface only)	437884.4838	5413838.5420
144	OC-343	Reserved (surface only)	437939.4838	5413858.5420
145	OC-48	Reserved (surface only)	437809.4838	5413908.5420
146	OC-695	Reserved (surface only)	437929.4838	5413793.5420
147	OC-336	Reserved (surface only)	437904.4838	5413858.5420
148	OC-728	Reserved (surface only)	437959.4838	5413778.5420
149	OC-631	Reserved (surface only)	437959.4838	5413813.5420
150	OC-562	Reserved (surface only)	437899.4838	5413823.5420

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	DS-282	Surface	436877.8821	5413636.8389
2	DS-182	Surface	437001.8821	5413660.8389
3	DS-236	Surface	436901.8821	5413648.8389
4	DS-160	Surface	436913.8821	5413660.8389
5	DS-181	Surface	436997.8821	5413660.8389
6	DS-232	Surface	436885.8821	5413648.8389
7	DS-278	Surface	436861.8821	5413636.8389
8	DS-163	Surface	436925.8821	5413660.8389
9	DS-176	Surface	436977.8821	5413660.8389
10	DS-304	Surface	436837.8821	5413624.8389
11	DS-285	Surface	436889.8821	5413636.8389
12	DS-194	Surface	436941.8821	5413656.8389
13	DS-12	Surface	437013.8821	5413700.8389
14	DS-155	Surface	436997.8821	5413664.8389
15	DS-188	Surface	436917.8821	5413656.8389
16	DS-239	Surface	436913.8821	5413648.8389
17	DS-57	Surface	437001.8821	5413684.8389
18	DS-200	Surface	436965.8821	5413656.8389
19	DS-242	Surface	436925.8821	5413648.8389
20	DS-274	Surface	436905.8821	5413640.8389
21	DS-82	Surface	436965.8821	5413676.8389
22	DS-110	Surface	436997.8821	5413672.8389
23	DS-287	Surface	436845.8821	5413632.8389
24	DS-237	Surface	436905.8821	5413648.8389
25	DS-305	Surface	436841.8821	5413624.8389
26	DS-145	Surface	436957.8821	5413664.8389
27	DS-54	Surface	436989.8821	5413684.8389
28	DS-66	Surface	436973.8821	5413680.8389
29	DS-291	Surface	436861.8821	5413632.8389
30	DS-264	Surface	436865.8821	5413640.8389
31	DS-201	Surface	436969.8821	5413656.8389
32	DS-134	Surface	437005.8821	5413668.8389
33	DS-190	Surface	436925.8821	5413656.8389
34	DS-263	Surface	436861.8821	5413640.8389
35	DS-203	Surface	436977.8821	5413656.8389
36	DS-212	Surface	436909.8821	5413652.8389
37	DS-120	Surface	436949.8821	5413668.8389
38	DS-61	Surface	436953.8821	5413680.8389
39	DS-175	Surface	436973.8821	5413660.8389
40	DS-25	Surface	436981.8821	5413692.8389
41	DS-277	Surface	436857.8821	5413636.8389
42	DS-1	Surface	437017.8821	5413708.8389
43	DS-250	Surface	436873.8821	5413644.8389
44	DS-275	Surface	436849.8821	5413636.8389
45	DS-123	Surface	436961.8821	5413668.8389
46	DS-286	Surface	436841.8821	5413632.8389
47	DS-261	Surface	436917.8821	5413644.8389
48	DS-229	Surface	436977.8821	5413652.8389
49	DS-5	Surface	437013.8821	5413704.8389
50	DS-216	Surface	436925.8821	5413652.8389
51	DS-281	Surface	436873.8821	5413636.8389
52	DS-142	Surface	436945.8821	5413664.8389
53	DS-113	Surface	437009.8821	5413672.8389

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	DS-27	Surface	436989.8821	5413692.8389
55	DS-137	Surface	436925.8821	5413664.8389
56	DS-267	Surface	436877.8821	5413640.8389
57	DS-84	Surface	436973.8821	5413676.8389
58	DS-195	Surface	436945.8821	5413656.8389
59	DS-103	Surface	436969.8821	5413672.8389
60	DS-238	Surface	436909.8821	5413648.8389
61	DS-15	Subsurface	437025.8821	5413700.8389
62	DS-37	Subsurface	436981.8821	5413688.8389
63	DS-270	Subsurface	436889.8821	5413640.8389
64	DS-196	Subsurface	436949.8821	5413656.8389
65	DS-138	Subsurface	436929.8821	5413664.8389
66	DS-308	Reserved (surface or subsurface)	436853.8821	5413624.8389
67	DS-70	Reserved (surface or subsurface)	436989.8821	5413680.8389
68	DS-20	Reserved (surface or subsurface)	437005.8821	5413696.8389
69	DS-266	Reserved (surface or subsurface)	436873.8821	5413640.8389
70	DS-22	Reserved (surface or subsurface)	437013.8821	5413696.8389
71	DS-105	Reserved (surface or subsurface)	436977.8821	5413672.8389
72	DS-207	Reserved (surface or subsurface)	436889.8821	5413652.8389
73	DS-108	Reserved (surface or subsurface)	436989.8821	5413672.8389
74	DS-243	Reserved (surface or subsurface)	436929.8821	5413648.8389
75	DS-222	Reserved (surface or subsurface)	436949.8821	5413652.8389
76	DS-87	Reserved (surface or subsurface)	436985.8821	5413676.8389
77	DS-170	Reserved (surface or subsurface)	436953.8821	5413660.8389
78	DS-58	Reserved (surface or subsurface)	437005.8821	5413684.8389
79	DS-192	Reserved (surface or subsurface)	436933.8821	5413656.8389
80	DS-100	Reserved (surface or subsurface)	436957.8821	5413672.8389
81	DS-90	Reserved (surface or subsurface)	436997.8821	5413676.8389
82	DS-197	Reserved (surface or subsurface)	436953.8821	5413656.8389
83	DS-204	Reserved (surface or subsurface)	436981.8821	5413656.8389
84	DS-133	Reserved (surface or subsurface)	437001.8821	5413668.8389
85	DS-220	Reserved (surface or subsurface)	436941.8821	5413652.8389
86	DS-139	Reserved (surface or subsurface)	436933.8821	5413664.8389
87	DS-89	Reserved (surface or subsurface)	436993.8821	5413676.8389
88	DS-112	Reserved (surface or subsurface)	437005.8821	5413672.8389
89	DS-179	Reserved (surface or subsurface)	436989.8821	5413660.8389
90	DS-16	Reserved (surface or subsurface)	436989.8821	5413696.8389
91	DS-4	Reserved (surface or subsurface)	437009.8821	5413704.8389
92	DS-38	Reserved (surface or subsurface)	436985.8821	5413688.8389
93	DS-10	Reserved (surface or subsurface)	437005.8821	5413700.8389
94	DS-23	Reserved (surface or subsurface)	437017.8821	5413696.8389
95	DS-102	Reserved (surface or subsurface)	436965.8821	5413672.8389
96	DS-97	Reserved (surface or subsurface)	436945.8821	5413672.8389
97	DS-36	Reserved (surface or subsurface)	436977.8821	5413688.8389
98	DS-311	Reserved (surface or subsurface)	436837.8821	5413620.8389
99	DS-126	Reserved (surface or subsurface)	436973.8821	5413668.8389
100	DS-299	Reserved (surface or subsurface)	436849.8821	5413628.8389
101	DS-30	Reserved (surface or subsurface)	437001.8821	5413692.8389
102	DS-269	Reserved (surface or subsurface)	436885.8821	5413640.8389
103	DS-186	Reserved (surface or subsurface)	436909.8821	5413656.8389
104	DS-26	Reserved (surface or subsurface)	436985.8821	5413692.8389
105	DS-215	Reserved (surface or subsurface)	436921.8821	5413652.8389
106	DS-99	Reserved (surface or subsurface)	436953.8821	5413672.8389

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	DS-178	Reserved (surface or subsurface)	436985.8821	5413660.8389
108	DS-48	Reserved (surface or subsurface)	436965.8821	5413684.8389
109	DS-214	Reserved (surface or subsurface)	436917.8821	5413652.8389
110	DS-294	Reserved (surface or subsurface)	436873.8821	5413632.8389
111	DS-121	Reserved (surface or subsurface)	436953.8821	5413668.8389
112	DS-93	Reserved (surface or subsurface)	437009.8821	5413676.8389
113	DS-225	Reserved (surface or subsurface)	436961.8821	5413652.8389
114	DS-149	Reserved (surface or subsurface)	436973.8821	5413664.8389
115	DS-307	Reserved (surface or subsurface)	436849.8821	5413624.8389
116	DS-18	Reserved (surface or subsurface)	436997.8821	5413696.8389
117	DS-117	Reserved (surface or subsurface)	436937.8821	5413668.8389
118	DS-13	Reserved (surface or subsurface)	437017.8821	5413700.8389
119	DS-259	Reserved (surface or subsurface)	436909.8821	5413644.8389
120	DS-35	Reserved (surface or subsurface)	436973.8821	5413688.8389
121	DS-173	Reserved (surface or subsurface)	436965.8821	5413660.8389
122	DS-240	Reserved (surface or subsurface)	436917.8821	5413648.8389
123	DS-24	Reserved (surface or subsurface)	437021.8821	5413696.8389
124	DS-165	Reserved (surface or subsurface)	436933.8821	5413660.8389
125	DS-11	Reserved (surface or subsurface)	437009.8821	5413700.8389
126	DS-67	Reserved (surface or subsurface)	436977.8821	5413680.8389
127	DS-148	Reserved (surface or subsurface)	436969.8821	5413664.8389
128	DS-85	Reserved (surface or subsurface)	436977.8821	5413676.8389
129	DS-63	Reserved (surface or subsurface)	436961.8821	5413680.8389
130	DS-292	Reserved (surface or subsurface)	436865.8821	5413632.8389
131	DS-31	Reserved (surface or subsurface)	437005.8821	5413692.8389
132	DS-183	Reserved (surface or subsurface)	436897.8821	5413656.8389
133	DS-77	Reserved (surface or subsurface)	436945.8821	5413676.8389
134	DS-40	Reserved (surface or subsurface)	436993.8821	5413688.8389
135	DS-245	Reserved (surface or subsurface)	436937.8821	5413648.8389
136	DS-21	Reserved (surface or subsurface)	437009.8821	5413696.8389
137	DS-153	Reserved (surface or subsurface)	436989.8821	5413664.8389
138	DS-221	Reserved (surface or subsurface)	436945.8821	5413652.8389
139	DS-95	Reserved (surface or subsurface)	436937.8821	5413672.8389
140	DS-230	Reserved (surface or subsurface)	436877.8821	5413648.8389
141	DS-280	Reserved (surface or subsurface)	436869.8821	5413636.8389
142	DS-189	Reserved (surface or subsurface)	436921.8821	5413656.8389
143	DS-158	Reserved (surface or subsurface)	436905.8821	5413660.8389
144	DS-140	Reserved (surface or subsurface)	436937.8821	5413664.8389
145	DS-284	Reserved (surface or subsurface)	436885.8821	5413636.8389
146	DS-80	Reserved (surface or subsurface)	436957.8821	5413676.8389
147	DS-227	Reserved (surface or subsurface)	436969.8821	5413652.8389
148	DS-172	Reserved (surface or subsurface)	436961.8821	5413660.8389
149	DS-171	Reserved (surface or subsurface)	436957.8821	5413660.8389
150	DS-104	Reserved (surface or subsurface)	436973.8821	5413672.8389

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	CB-2570	Surface	431794.5881	5408112.1885
2	CB-976	Surface	431354.5881	5408302.1885
3	CB-729	Surface	431694.5881	5408352.1885
4	CB-2208	Surface	431734.5881	5408162.1885
5	CB-2354	Surface	431764.5881	5408142.1885
6	CB-2	Surface	431574.5881	5408622.1885
7	CB-1474	Surface	431364.5881	5408262.1885
8	CB-3489	Surface	431784.5881	5407922.1885
9	CB-1062	Surface	431594.5881	5408292.1885
10	CB-1266	Surface	431654.5881	5407962.1885
11	CB-2510	Surface	431894.5881	5408122.1885
12	CB-3032	Surface	431774.5881	5408042.1885
13	CB-3552	Surface	431474.5881	5407902.1885
14	CB-3529	Surface	431704.5881	5407912.1885
15	CB-3763	Surface	431524.5881	5407852.1885
16	CB-295	Surface	431484.5881	5408452.1885
17	CB-1629	Surface	431524.5881	5408242.1885
18	CB-421	Surface	431694.5881	5408422.1885
19	CB-451	Surface	431604.5881	5408412.1885
20	CB-833	Surface	431694.5881	5408332.1885
21	CB-1043	Surface	431404.5881	5408292.1885
22	CB-120	Surface	431654.5881	5408522.1885
23	CB-499	Surface	431674.5881	5408402.1885
24	CB-240	Surface	431584.5881	5408472.1885
25	CB-1158	Surface	431954.5881	5408282.1885
26	CB-1769	Surface	431534.5881	5408222.1885
27	CB-2715	Surface	431894.5881	5408092.1885
28	CB-1344	Surface	431874.5881	5407952.1885
29	CB-3817	Surface	431724.5881	5407842.1885
30	CB-1057	Surface	431544.5881	5408292.1885
31	CB-118	Surface	431634.5881	5408522.1885
32	CB-148	Surface	431474.5881	5408502.1885
33	CB-3121	Surface	431374.5881	5408022.1885
34	CB-882	Surface	431594.5881	5408322.1885
35	CB-403	Surface	431514.5881	5408422.1885
36	CB-1036	Surface	431334.5881	5408292.1885
37	CB-296	Surface	431494.5881	5408452.1885
38	CB-2831	Surface	431724.5881	5408072.1885
39	CB-3076	Surface	431584.5881	5408032.1885
40	CB-682	Surface	431734.5881	5408362.1885
41	CB-3526	Surface	431674.5881	5407912.1885
42	CB-3727	Surface	431524.5881	5407862.1885
43	CB-1808	Surface	431964.5881	5408222.1885
44	CB-1238	Surface	431374.5881	5407962.1885
45	CB-598	Surface	431834.5881	5408382.1885
46	CB-1250	Surface	431494.5881	5407962.1885
47	CB-3841	Surface	431654.5881	5407832.1885
48	CB-297	Surface	431504.5881	5408452.1885
49	CB-957	Surface	431794.5881	5408312.1885
50	CB-484	Surface	431524.5881	5408402.1885
51	CB-2176	Surface	431374.5881	5408162.1885
52	CB-2071	Surface	431784.5881	5408182.1885
53	CB-2329	Surface	431474.5881	5408142.1885

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	CB-1482	Surface	431444.5881	5408262.1885
55	CB-984	Surface	431434.5881	5408302.1885
56	CB-1304	Surface	431474.5881	5407952.1885
57	CB-2602	Surface	431394.5881	5408102.1885
58	CB-3770	Surface	431594.5881	5407852.1885
59	CB-1876	Surface	431954.5881	5408212.1885
60	CB-458	Surface	431674.5881	5408412.1885
61	CB-637	Reserved (surface only)	431764.5881	5408372.1885
62	CB-3979	Reserved (surface only)	431664.5881	5407772.1885
63	CB-3182	Reserved (surface only)	431374.5881	5408012.1885
64	CB-3772	Reserved (surface only)	431614.5881	5407852.1885
65	CB-2133	Reserved (surface only)	431694.5881	5408172.1885
66	CB-2389	Reserved (surface only)	431364.5881	5408132.1885
67	CB-304	Reserved (surface only)	431574.5881	5408452.1885
68	CB-175	Reserved (surface only)	431494.5881	5408492.1885
69	CB-2312	Reserved (surface only)	431304.5881	5408142.1885
70	CB-2493	Reserved (surface only)	431724.5881	5408122.1885
71	CB-3097	Reserved (surface only)	431794.5881	5408032.1885
72	CB-3612	Reserved (surface only)	431624.5881	5407892.1885
73	CB-1845	Reserved (surface only)	431644.5881	5408212.1885
74	CB-3542	Reserved (surface only)	431834.5881	5407912.1885
75	CB-1988	Reserved (surface only)	431664.5881	5408192.1885
76	CB-1799	Reserved (surface only)	431874.5881	5408222.1885
77	CB-3630	Reserved (surface only)	431804.5881	5407892.1885
78	CB-2116	Reserved (surface only)	431494.5881	5408172.1885
79	CB-3497	Reserved (surface only)	431864.5881	5407922.1885
80	CB-2550	Reserved (surface only)	431594.5881	5408112.1885
81	CB-2577	Reserved (surface only)	431864.5881	5408112.1885
82	CB-2709	Reserved (surface only)	431834.5881	5408092.1885
83	CB-2425	Reserved (surface only)	431754.5881	5408132.1885
84	CB-663	Reserved (surface only)	431514.5881	5408362.1885
85	CB-448	Reserved (surface only)	431574.5881	5408412.1885
86	CB-1240	Reserved (surface only)	431394.5881	5407962.1885
87	CB-3214	Reserved (surface only)	431724.5881	5408012.1885
88	CB-2117	Reserved (surface only)	431504.5881	5408172.1885
89	CB-1714	Reserved (surface only)	431714.5881	5408232.1885
90	CB-1684	Reserved (surface only)	431384.5881	5408232.1885
91	CB-2231	Reserved (surface only)	431214.5881	5408152.1885
92	CB-992	Reserved (surface only)	431514.5881	5408302.1885
93	CB-2250	Reserved (surface only)	431404.5881	5408152.1885
94	CB-1573	Reserved (surface only)	431694.5881	5408252.1885
95	CB-3124	Reserved (surface only)	431444.5881	5408022.1885
96	CB-1665	Reserved (surface only)	431914.5881	5408242.1885
97	CB-3248	Reserved (surface only)	431454.5881	5408002.1885
98	CB-2601	Reserved (surface only)	431384.5881	5408102.1885
99	CB-1066	Reserved (surface only)	431664.5881	5408292.1885
100	CB-1779	Reserved (surface only)	431674.5881	5408222.1885
101	CB-1981	Reserved (surface only)	431594.5881	5408192.1885
102	CB-2134	Reserved (surface only)	431704.5881	5408172.1885
103	CB-151	Reserved (surface only)	431504.5881	5408502.1885
104	CB-341	Reserved (surface only)	431614.5881	5408442.1885
105	CB-3677	Reserved (surface only)	431834.5881	5407882.1885
106	CB-1851	Reserved (surface only)	431704.5881	5408212.1885

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	CB-3685	Reserved (surface only)	431494.5881	5407872.1885
108	CB-2840	Reserved (surface only)	431814.5881	5408072.1885
109	CB-2222	Reserved (surface only)	431874.5881	5408162.1885
110	CB-1236	Reserved (surface only)	431944.5881	5407972.1885
111	CB-1367	Reserved (surface only)	431574.5881	5407942.1885
112	CB-3154	Reserved (surface only)	431744.5881	5408022.1885
113	CB-2088	Reserved (surface only)	431954.5881	5408182.1885
114	CB-179	Reserved (surface only)	431534.5881	5408492.1885
115	CB-1836	Reserved (surface only)	431514.5881	5408212.1885
116	CB-2789	Reserved (surface only)	431274.5881	5408072.1885
117	CB-1073	Reserved (surface only)	431734.5881	5408292.1885
118	CB-2556	Reserved (surface only)	431654.5881	5408112.1885
119	CB-1793	Reserved (surface only)	431814.5881	5408222.1885
120	CB-2839	Reserved (surface only)	431804.5881	5408072.1885
121	CB-2154	Reserved (surface only)	431904.5881	5408172.1885
122	CB-660	Reserved (surface only)	431484.5881	5408362.1885
123	CB-393	Reserved (surface only)	431414.5881	5408422.1885
124	CB-1059	Reserved (surface only)	431564.5881	5408292.1885
125	CB-2248	Reserved (surface only)	431384.5881	5408152.1885
126	CB-998	Reserved (surface only)	431574.5881	5408302.1885
127	CB-2593	Reserved (surface only)	431304.5881	5408102.1885
128	CB-1999	Reserved (surface only)	431774.5881	5408192.1885
129	CB-2069	Reserved (surface only)	431764.5881	5408182.1885
130	CB-2656	Reserved (surface only)	431264.5881	5408092.1885
131	CB-3312	Reserved (surface only)	431494.5881	5407992.1885
132	CB-3948	Reserved (surface only)	431714.5881	5407792.1885
133	CB-940	Reserved (surface only)	431594.5881	5408312.1885
134	CB-870	Reserved (surface only)	431474.5881	5408322.1885
135	CB-912	Reserved (surface only)	431924.5881	5408322.1885
136	CB-3068	Reserved (surface only)	431504.5881	5408032.1885
137	CB-607	Reserved (surface only)	431434.5881	5408372.1885
138	CB-3799	Reserved (surface only)	431544.5881	5407842.1885
139	CB-3506	Reserved (surface only)	431474.5881	5407912.1885
140	CB-2470	Reserved (surface only)	431464.5881	5408122.1885
141	CB-2017	Reserved (surface only)	431954.5881	5408192.1885
142	CB-1751	Reserved (surface only)	431354.5881	5408222.1885
143	CB-64	Reserved (surface only)	431614.5881	5408552.1885
144	CB-2243	Reserved (surface only)	431334.5881	5408152.1885
145	CB-3147	Reserved (surface only)	431674.5881	5408022.1885
146	CB-2086	Reserved (surface only)	431934.5881	5408182.1885
147	CB-1032	Reserved (surface only)	431944.5881	5408302.1885
148	CB-2527	Reserved (surface only)	431334.5881	5408112.1885
149	CB-1804	Reserved (surface only)	431924.5881	5408222.1885
150	CB-513	Reserved (surface only)	431394.5881	5408392.1885

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	FC-569	Surface	428315.8370	5407913.1278
2	FC-920	Surface	428325.8370	5407868.1278
3	FC-398	Surface	428140.8370	5407928.1278
4	FC-306	Surface	428130.8370	5407938.1278
5	FC-87	Surface	428200.8370	5407978.1278
6	FC-767	Surface	428195.8370	5407888.1278
7	FC-251	Surface	428265.8370	5407948.1278
8	FC-919	Surface	428320.8370	5407868.1278
9	FC-785	Surface	428285.8370	5407888.1278
10	FC-685	Surface	428225.8370	5407898.1278
11	FC-317	Surface	428185.8370	5407938.1278
12	FC-546	Surface	428200.8370	5407913.1278
13	FC-789	Surface	428305.8370	5407888.1278
14	FC-493	Surface	428160.8370	5407918.1278
15	FC-733	Surface	428245.8370	5407893.1278
16	FC-2	Surface	428185.8370	5408028.1278
17	FC-538	Surface	428160.8370	5407913.1278
18	FC-562	Surface	428280.8370	5407913.1278
19	FC-921	Surface	428120.8370	5407863.1278
20	FC-387	Surface	428315.8370	5407933.1278
21	FC-526	Surface	428325.8370	5407918.1278
22	FC-185	Surface	428280.8370	5407958.1278
23	FC-693	Surface	428265.8370	5407898.1278
24	FC-667	Surface	428135.8370	5407898.1278
25	FC-186	Surface	428285.8370	5407958.1278
26	FC-891	Surface	428170.8370	5407873.1278
27	FC-703	Surface	428315.8370	5407898.1278
28	FC-122	Surface	428205.8370	5407968.1278
29	FC-783	Surface	428275.8370	5407888.1278
30	FC-576	Surface	428125.8370	5407908.1278
31	FC-272	Surface	428170.8370	5407943.1278
32	FC-138	Surface	428185.8370	5407963.1278
33	FC-95	Surface	428160.8370	5407973.1278
34	FC-100	Surface	428185.8370	5407973.1278
35	FC-173	Surface	428220.8370	5407958.1278
36	FC-583	Surface	428160.8370	5407908.1278
37	FC-462	Surface	428230.8370	5407923.1278
38	FC-713	Surface	428145.8370	5407893.1278
39	FC-928	Surface	428155.8370	5407863.1278
40	FC-162	Surface	428165.8370	5407958.1278
41	FC-182	Surface	428265.8370	5407958.1278
42	FC-792	Surface	428320.8370	5407888.1278
43	FC-431	Surface	428305.8370	5407928.1278
44	FC-797	Surface	428130.8370	5407883.1278
45	FC-136	Surface	428175.8370	5407963.1278
46	FC-301	Surface	428315.8370	5407943.1278
47	FC-246	Surface	428240.8370	5407948.1278
48	FC-916	Surface	428160.8370	5407868.1278
49	FC-371	Surface	428235.8370	5407933.1278
50	FC-828	Surface	428285.8370	5407883.1278
51	FC-844	Surface	428150.8370	5407878.1278
52	FC-332	Surface	428260.8370	5407938.1278
53	FC-616	Surface	428325.8370	5407908.1278

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	FC-177	Surface	428240.8370	5407958.1278
55	FC-881	Surface	428120.8370	5407873.1278
56	FC-545	Surface	428195.8370	5407913.1278
57	FC-139	Surface	428190.8370	5407963.1278
58	FC-382	Surface	428290.8370	5407933.1278
59	FC-430	Surface	428300.8370	5407928.1278
60	FC-714	Surface	428150.8370	5407893.1278
61	FC-624	Subsurface	428140.8370	5407903.1278
62	FC-899	Subsurface	428290.8370	5407873.1278
63	FC-694	Subsurface	428270.8370	5407898.1278
64	FC-316	Subsurface	428180.8370	5407938.1278
65	FC-853	Subsurface	428195.8370	5407878.1278
66	FC-513	Reserved (surface or subsurface)	428260.8370	5407918.1278
67	FC-225	Reserved (surface or subsurface)	428135.8370	5407948.1278
68	FC-255	Reserved (surface or subsurface)	428285.8370	5407948.1278
69	FC-64	Reserved (surface or subsurface)	428140.8370	5407983.1278
70	FC-404	Reserved (surface or subsurface)	428170.8370	5407928.1278
71	FC-725	Reserved (surface or subsurface)	428205.8370	5407893.1278
72	FC-391	Reserved (surface or subsurface)	428335.8370	5407933.1278
73	FC-608	Reserved (surface or subsurface)	428285.8370	5407908.1278
74	FC-846	Reserved (surface or subsurface)	428160.8370	5407878.1278
75	FC-924	Reserved (surface or subsurface)	428135.8370	5407863.1278
76	FC-150	Reserved (surface or subsurface)	428245.8370	5407963.1278
77	FC-503	Reserved (surface or subsurface)	428210.8370	5407918.1278
78	FC-90	Reserved (surface or subsurface)	428135.8370	5407973.1278
79	FC-31	Reserved (surface or subsurface)	428160.8370	5408003.1278
80	FC-305	Reserved (surface or subsurface)	428125.8370	5407938.1278
81	FC-334	Reserved (surface or subsurface)	428270.8370	5407938.1278
82	FC-937	Reserved (surface or subsurface)	428125.8370	5407853.1278
83	FC-532	Reserved (surface or subsurface)	428130.8370	5407913.1278
84	FC-270	Reserved (surface or subsurface)	428160.8370	5407943.1278
85	FC-6	Reserved (surface or subsurface)	428180.8370	5408023.1278
86	FC-631	Reserved (surface or subsurface)	428175.8370	5407903.1278
87	FC-855	Reserved (surface or subsurface)	428205.8370	5407878.1278
88	FC-370	Reserved (surface or subsurface)	428230.8370	5407933.1278
89	FC-491	Reserved (surface or subsurface)	428150.8370	5407918.1278
90	FC-775	Reserved (surface or subsurface)	428235.8370	5407888.1278
91	FC-485	Reserved (surface or subsurface)	428120.8370	5407918.1278
92	FC-549	Reserved (surface or subsurface)	428215.8370	5407913.1278
93	FC-152	Reserved (surface or subsurface)	428255.8370	5407963.1278
94	FC-519	Reserved (surface or subsurface)	428290.8370	5407918.1278
95	FC-646	Reserved (surface or subsurface)	428250.8370	5407903.1278
96	FC-268	Reserved (surface or subsurface)	428150.8370	5407943.1278
97	FC-642	Reserved (surface or subsurface)	428230.8370	5407903.1278
98	FC-324	Reserved (surface or subsurface)	428220.8370	5407938.1278
99	FC-467	Reserved (surface or subsurface)	428255.8370	5407923.1278
100	FC-528	Reserved (surface or subsurface)	428335.8370	5407918.1278
101	FC-914	Reserved (surface or subsurface)	428150.8370	5407868.1278
102	FC-337	Reserved (surface or subsurface)	428285.8370	5407938.1278
103	FC-30	Reserved (surface or subsurface)	428155.8370	5408003.1278
104	FC-459	Reserved (surface or subsurface)	428215.8370	5407923.1278
105	FC-809	Reserved (surface or subsurface)	428190.8370	5407883.1278
106	FC-883	Reserved (surface or subsurface)	428130.8370	5407873.1278

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	FC-757	Reserved (surface or subsurface)	428145.8370	5407888.1278
108	FC-761	Reserved (surface or subsurface)	428165.8370	5407888.1278
109	FC-165	Reserved (surface or subsurface)	428180.8370	5407958.1278
110	FC-367	Reserved (surface or subsurface)	428215.8370	5407933.1278
111	FC-472	Reserved (surface or subsurface)	428280.8370	5407923.1278
112	FC-771	Reserved (surface or subsurface)	428215.8370	5407888.1278
113	FC-99	Reserved (surface or subsurface)	428180.8370	5407973.1278
114	FC-913	Reserved (surface or subsurface)	428145.8370	5407868.1278
115	FC-837	Reserved (surface or subsurface)	428330.8370	5407883.1278
116	FC-470	Reserved (surface or subsurface)	428270.8370	5407923.1278
117	FC-708	Reserved (surface or subsurface)	428120.8370	5407893.1278
118	FC-168	Reserved (surface or subsurface)	428195.8370	5407958.1278
119	FC-55	Reserved (surface or subsurface)	428140.8370	5407988.1278
120	FC-869	Reserved (surface or subsurface)	428275.8370	5407878.1278
121	FC-930	Reserved (surface or subsurface)	428120.8370	5407858.1278
122	FC-231	Reserved (surface or subsurface)	428165.8370	5407948.1278
123	FC-784	Reserved (surface or subsurface)	428280.8370	5407888.1278
124	FC-826	Reserved (surface or subsurface)	428275.8370	5407883.1278
125	FC-446	Reserved (surface or subsurface)	428150.8370	5407923.1278
126	FC-873	Reserved (surface or subsurface)	428295.8370	5407878.1278
127	FC-499	Reserved (surface or subsurface)	428190.8370	5407918.1278
128	FC-726	Reserved (surface or subsurface)	428210.8370	5407893.1278
129	FC-74	Reserved (surface or subsurface)	428135.8370	5407978.1278
130	FC-481	Reserved (surface or subsurface)	428325.8370	5407923.1278
131	FC-812	Reserved (surface or subsurface)	428205.8370	5407883.1278
132	FC-721	Reserved (surface or subsurface)	428185.8370	5407893.1278
133	FC-343	Reserved (surface or subsurface)	428315.8370	5407938.1278
134	FC-71	Reserved (surface or subsurface)	428175.8370	5407983.1278
135	FC-158	Reserved (surface or subsurface)	428145.8370	5407958.1278
136	FC-169	Reserved (surface or subsurface)	428200.8370	5407958.1278
137	FC-451	Reserved (surface or subsurface)	428175.8370	5407923.1278
138	FC-1	Reserved (surface or subsurface)	428180.8370	5408028.1278
139	FC-793	Reserved (surface or subsurface)	428325.8370	5407888.1278
140	FC-77	Reserved (surface or subsurface)	428150.8370	5407978.1278
141	FC-206	Reserved (surface or subsurface)	428220.8370	5407953.1278
142	FC-686	Reserved (surface or subsurface)	428230.8370	5407898.1278
143	FC-78	Reserved (surface or subsurface)	428155.8370	5407978.1278
144	FC-240	Reserved (surface or subsurface)	428210.8370	5407948.1278
145	FC-293	Reserved (surface or subsurface)	428275.8370	5407943.1278
146	FC-798	Reserved (surface or subsurface)	428135.8370	5407883.1278
147	FC-731	Reserved (surface or subsurface)	428235.8370	5407893.1278
148	FC-266	Reserved (surface or subsurface)	428140.8370	5407943.1278
149	FC-72	Reserved (surface or subsurface)	428180.8370	5407983.1278
150	FC-230	Reserved (surface or subsurface)	428160.8370	5407948.1278

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	BF-472	Surface	422830.0796	5400905.9620
2	BF-267	Surface	422895.0796	5400975.9620
3	BF-340	Surface	422875.0796	5400955.9620
4	BF-436	Surface	422820.0796	5400920.9620
5	BF-62	Surface	422905.0796	5401025.9620
6	BF-385	Surface	422840.0796	5400940.9620
7	BF-373	Surface	422865.0796	5400945.9620
8	BF-303	Surface	422875.0796	5400965.9620
9	BF-153	Surface	422855.0796	5401000.9620
10	BF-119	Surface	422905.0796	5401010.9620
11	BF-250	Surface	422910.0796	5400980.9620
12	BF-504	Surface	422805.0796	5400885.9620
13	BF-191	Surface	422935.0796	5400995.9620
14	BF-271	Surface	422915.0796	5400975.9620
15	BF-143	Surface	422915.0796	5401005.9620
16	BF-420	Surface	422870.0796	5400930.9620
17	BF-255	Surface	422835.0796	5400975.9620
18	BF-249	Surface	422905.0796	5400980.9620
19	BF-319	Surface	422860.0796	5400960.9620
20	BF-175	Surface	422855.0796	5400995.9620
21	BF-270	Surface	422910.0796	5400975.9620
22	BF-450	Surface	422830.0796	5400915.9620
23	BF-158	Surface	422880.0796	5401000.9620
24	BF-506	Surface	422790.0796	5400880.9620
25	BF-362	Surface	422895.0796	5400950.9620
26	BF-122	Surface	422920.0796	5401010.9620
27	BF-376	Surface	422880.0796	5400945.9620
28	BF-206	Surface	422900.0796	5400990.9620
29	BF-330	Surface	422825.0796	5400955.9620
30	BF-46	Surface	422900.0796	5401030.9620
31	BF-227	Surface	422900.0796	5400985.9620
32	BF-378	Surface	422890.0796	5400945.9620
33	BF-254	Surface	422930.0796	5400980.9620
34	BF-129	Surface	422955.0796	5401010.9620
35	BF-9	Surface	422915.0796	5401050.9620
36	BF-53	Surface	422935.0796	5401030.9620
37	BF-224	Surface	422885.0796	5400985.9620
38	BF-282	Surface	422870.0796	5400970.9620
39	BF-37	Surface	422920.0796	5401035.9620
40	BF-208	Surface	422910.0796	5400990.9620
41	BF-177	Surface	422865.0796	5400995.9620
42	BF-326	Surface	422895.0796	5400960.9620
43	BF-346	Surface	422815.0796	5400950.9620
44	BF-162	Surface	422900.0796	5401000.9620
45	BF-395	Surface	422815.0796	5400935.9620
46	BF-94	Surface	422885.0796	5401015.9620
47	BF-430	Surface	422850.0796	5400925.9620
48	BF-286	Surface	422890.0796	5400970.9620
49	BF-52	Surface	422930.0796	5401030.9620
50	BF-146	Surface	422930.0796	5401005.9620
51	BF-214	Surface	422940.0796	5400990.9620
52	BF-198	Surface	422860.0796	5400990.9620
53	BF-50	Surface	422920.0796	5401030.9620

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	BF-23	Surface	422905.0796	5401040.9620
55	BF-80	Surface	422910.0796	5401020.9620
56	BF-219	Surface	422860.0796	5400985.9620
57	BF-269	Surface	422905.0796	5400975.9620
58	BF-253	Surface	422925.0796	5400980.9620
59	BF-2	Surface	422920.0796	5401060.9620
60	BF-313	Surface	422830.0796	5400960.9620
61	BF-44	Subsurface	422890.0796	5401030.9620
62	BF-379	Subsurface	422810.0796	5400940.9620
63	BF-370	Subsurface	422850.0796	5400945.9620
64	BF-241	Subsurface	422865.0796	5400980.9620
65	BF-381	Subsurface	422820.0796	5400940.9620
66	BF-159	Reserved (surface or subsurface)	422885.0796	5401000.9620
67	BF-348	Reserved (surface or subsurface)	422825.0796	5400950.9620
68	BF-363	Reserved (surface or subsurface)	422815.0796	5400945.9620
69	BF-507	Reserved (surface or subsurface)	422795.0796	5400880.9620
70	BF-467	Reserved (surface or subsurface)	422805.0796	5400905.9620
71	BF-489	Reserved (surface or subsurface)	422810.0796	5400895.9620
72	BF-438	Reserved (surface or subsurface)	422830.0796	5400920.9620
73	BF-398	Reserved (surface or subsurface)	422830.0796	5400935.9620
74	BF-85	Reserved (surface or subsurface)	422935.0796	5401020.9620
75	BF-354	Reserved (surface or subsurface)	422855.0796	5400950.9620
76	BF-190	Reserved (surface or subsurface)	422930.0796	5400995.9620
77	BF-114	Reserved (surface or subsurface)	422880.0796	5401010.9620
78	BF-445	Reserved (surface or subsurface)	422805.0796	5400915.9620
79	BF-307	Reserved (surface or subsurface)	422895.0796	5400965.9620
80	BF-473	Reserved (surface or subsurface)	422835.0796	5400905.9620
81	BF-27	Reserved (surface or subsurface)	422925.0796	5401040.9620
82	BF-148	Reserved (surface or subsurface)	422940.0796	5401005.9620
83	BF-435	Reserved (surface or subsurface)	422815.0796	5400920.9620
84	BF-407	Reserved (surface or subsurface)	422875.0796	5400935.9620
85	BF-439	Reserved (surface or subsurface)	422835.0796	5400920.9620
86	BF-475	Reserved (surface or subsurface)	422790.0796	5400900.9620
87	BF-61	Reserved (surface or subsurface)	422900.0796	5401025.9620
88	BF-387	Reserved (surface or subsurface)	422850.0796	5400940.9620
89	BF-460	Reserved (surface or subsurface)	422825.0796	5400910.9620
90	BF-130	Reserved (surface or subsurface)	422960.0796	5401010.9620
91	BF-482	Reserved (surface or subsurface)	422825.0796	5400900.9620
92	BF-17	Reserved (surface or subsurface)	422920.0796	5401045.9620
93	BF-30	Reserved (surface or subsurface)	422940.0796	5401040.9620
94	BF-7	Reserved (surface or subsurface)	422905.0796	5401050.9620
95	BF-133	Reserved (surface or subsurface)	422865.0796	5401005.9620
96	BF-306	Reserved (surface or subsurface)	422890.0796	5400965.9620
97	BF-3	Reserved (surface or subsurface)	422910.0796	5401055.9620
98	BF-235	Reserved (surface or subsurface)	422835.0796	5400980.9620
99	BF-144	Reserved (surface or subsurface)	422920.0796	5401005.9620
100	BF-338	Reserved (surface or subsurface)	422865.0796	5400955.9620
101	BF-343	Reserved (surface or subsurface)	422890.0796	5400955.9620
102	BF-68	Reserved (surface or subsurface)	422935.0796	5401025.9620
103	BF-276	Reserved (surface or subsurface)	422840.0796	5400970.9620
104	BF-226	Reserved (surface or subsurface)	422895.0796	5400985.9620
105	BF-493	Reserved (surface or subsurface)	422785.0796	5400890.9620
106	BF-316	Reserved (surface or subsurface)	422845.0796	5400960.9620

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	BF-105	Reserved (surface or subsurface)	422940.0796	5401015.9620
108	BF-99	Reserved (surface or subsurface)	422910.0796	5401015.9620
109	BF-349	Reserved (surface or subsurface)	422830.0796	5400950.9620
110	BF-426	Reserved (surface or subsurface)	422830.0796	5400925.9620
111	BF-368	Reserved (surface or subsurface)	422840.0796	5400945.9620
112	BF-230	Reserved (surface or subsurface)	422915.0796	5400985.9620
113	BF-391	Reserved (surface or subsurface)	422870.0796	5400940.9620
114	BF-145	Reserved (surface or subsurface)	422925.0796	5401005.9620
115	BF-287	Reserved (surface or subsurface)	422895.0796	5400970.9620
116	BF-295	Reserved (surface or subsurface)	422835.0796	5400965.9620
117	BF-353	Reserved (surface or subsurface)	422850.0796	5400950.9620
118	BF-410	Reserved (surface or subsurface)	422820.0796	5400930.9620
119	BF-180	Reserved (surface or subsurface)	422880.0796	5400995.9620
120	BF-252	Reserved (surface or subsurface)	422920.0796	5400980.9620
121	BF-127	Reserved (surface or subsurface)	422945.0796	5401010.9620
122	BF-172	Reserved (surface or subsurface)	422950.0796	5401000.9620
123	BF-101	Reserved (surface or subsurface)	422920.0796	5401015.9620
124	BF-382	Reserved (surface or subsurface)	422825.0796	5400940.9620
125	BF-234	Reserved (surface or subsurface)	422935.0796	5400985.9620
126	BF-116	Reserved (surface or subsurface)	422890.0796	5401010.9620
127	BF-123	Reserved (surface or subsurface)	422925.0796	5401010.9620
128	BF-339	Reserved (surface or subsurface)	422870.0796	5400955.9620
129	BF-383	Reserved (surface or subsurface)	422830.0796	5400940.9620
130	BF-247	Reserved (surface or subsurface)	422895.0796	5400980.9620
131	BF-262	Reserved (surface or subsurface)	422870.0796	5400975.9620
132	BF-19	Reserved (surface or subsurface)	422930.0796	5401045.9620
133	BF-199	Reserved (surface or subsurface)	422865.0796	5400990.9620
134	BF-238	Reserved (surface or subsurface)	422850.0796	5400980.9620
135	BF-497	Reserved (surface or subsurface)	422805.0796	5400890.9620
136	BF-377	Reserved (surface or subsurface)	422885.0796	5400945.9620
137	BF-171	Reserved (surface or subsurface)	422945.0796	5401000.9620
138	BF-403	Reserved (surface or subsurface)	422855.0796	5400935.9620
139	BF-455	Reserved (surface or subsurface)	422800.0796	5400910.9620
140	BF-412	Reserved (surface or subsurface)	422830.0796	5400930.9620
141	BF-13	Reserved (surface or subsurface)	422900.0796	5401045.9620
142	BF-189	Reserved (surface or subsurface)	422925.0796	5400995.9620
143	BF-182	Reserved (surface or subsurface)	422890.0796	5400995.9620
144	BF-347	Reserved (surface or subsurface)	422820.0796	5400950.9620
145	BF-315	Reserved (surface or subsurface)	422840.0796	5400960.9620
146	BF-26	Reserved (surface or subsurface)	422920.0796	5401040.9620
147	BF-107	Reserved (surface or subsurface)	422950.0796	5401015.9620
148	BF-411	Reserved (surface or subsurface)	422825.0796	5400930.9620
149	BF-266	Reserved (surface or subsurface)	422890.0796	5400975.9620
150	BF-481	Reserved (surface or subsurface)	422820.0796	5400900.9620

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	SN-199	Surface	422079.2075	5398485.1720
2	SN-446	Surface	422099.2075	5398375.1720
3	SN-666	Surface	422129.2075	5398255.1720
4	SN-502	Surface	422279.2075	5398355.1720
5	SN-311	Surface	422259.2075	5398445.1720
6	SN-490	Surface	422159.2075	5398355.1720
7	SN-238	Surface	422229.2075	5398475.1720
8	SN-99	Surface	422199.2075	5398535.1720
9	SN-586	Surface	422199.2075	5398305.1720
10	SN-589	Surface	422229.2075	5398305.1720
11	SN-89	Surface	422099.2075	5398535.1720
12	SN-276	Surface	422139.2075	5398455.1720
13	SN-356	Surface	422249.2075	5398425.1720
14	SN-553	Surface	422239.2075	5398325.1720
15	SN-483	Surface	422279.2075	5398365.1720
16	SN-448	Surface	422119.2075	5398375.1720
17	SN-39	Surface	422029.2075	5398555.1720
18	SN-375	Surface	422219.2075	5398415.1720
19	SN-463	Surface	422269.2075	5398375.1720
20	SN-288	Surface	422259.2075	5398455.1720
21	SN-673	Surface	422199.2075	5398255.1720
22	SN-235	Surface	422199.2075	5398475.1720
23	SN-550	Surface	422209.2075	5398325.1720
24	SN-494	Surface	422199.2075	5398355.1720
25	SN-201	Surface	422099.2075	5398485.1720
26	SN-11	Surface	422169.2075	5398585.1720
27	SN-149	Surface	422039.2075	5398505.1720
28	SN-322	Surface	422139.2075	5398435.1720
29	SN-214	Surface	422229.2075	5398485.1720
30	SN-289	Surface	422039.2075	5398445.1720
31	SN-602	Surface	422159.2075	5398295.1720
32	SN-82	Surface	422029.2075	5398535.1720
33	SN-509	Surface	422159.2075	5398345.1720
34	SN-176	Surface	422079.2075	5398495.1720
35	SN-173	Surface	422049.2075	5398495.1720
36	SN-379	Surface	422259.2075	5398415.1720
37	SN-2	Surface	422149.2075	5398595.1720
38	SN-47	Surface	422109.2075	5398555.1720
39	SN-213	Surface	422219.2075	5398485.1720
40	SN-143	Surface	422199.2075	5398515.1720
41	SN-565	Surface	422179.2075	5398315.1720
42	SN-335	Surface	422269.2075	5398435.1720
43	SN-462	Surface	422259.2075	5398375.1720
44	SN-343	Surface	422119.2075	5398425.1720
45	SN-34	Surface	422159.2075	5398565.1720
46	SN-536	Surface	422249.2075	5398335.1720
47	SN-85	Surface	422059.2075	5398535.1720
48	SN-290	Surface	422049.2075	5398445.1720
49	SN-507	Surface	422139.2075	5398345.1720
50	SN-412	Surface	422159.2075	5398395.1720
51	SN-178	Surface	422099.2075	5398495.1720
52	SN-324	Surface	422159.2075	5398435.1720
53	SN-325	Surface	422169.2075	5398435.1720

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	SN-4	Surface	422169.2075	5398595.1720
55	SN-332	Surface	422239.2075	5398435.1720
56	SN-529	Surface	422179.2075	5398335.1720
57	SN-650	Surface	422249.2075	5398275.1720
58	SN-489	Surface	422149.2075	5398355.1720
59	SN-121	Surface	422199.2075	5398525.1720
60	SN-312	Surface	422269.2075	5398445.1720
61	SN-555	Reserved (surface only)	422259.2075	5398325.1720
62	SN-436	Reserved (surface only)	422199.2075	5398385.1720
63	SN-126	Subsurface	422029.2075	5398515.1720
64	SN-232	Subsurface	422169.2075	5398475.1720
65	SN-471	Reserved (surface only)	422159.2075	5398365.1720
66	SN-435	Reserved (surface only)	422189.2075	5398385.1720
67	SN-337	Subsurface	422059.2075	5398425.1720
68	SN-533	Reserved (surface only)	422219.2075	5398335.1720
69	SN-407	Reserved (surface only)	422109.2075	5398395.1720
70	SN-367	Subsurface	422139.2075	5398415.1720
71	SN-119	Subsurface	422179.2075	5398525.1720
72	SN-557	Reserved (surface only)	422279.2075	5398325.1720
73	SN-303	Reserved (surface only)	422179.2075	5398445.1720
74	SN-262	Reserved (surface only)	422229.2075	5398465.1720
75	SN-443	Reserved (surface only)	422269.2075	5398385.1720
76	SN-389	Reserved (surface only)	422139.2075	5398405.1720
77	SN-628	Reserved (surface only)	422219.2075	5398285.1720
78	SN-684	Reserved (surface only)	422159.2075	5398235.1720
79	SN-32	Reserved (surface or subsurface)	422139.2075	5398565.1720
80	SN-625	Reserved (surface only)	422189.2075	5398285.1720
81	SN-333	Reserved (surface only)	422249.2075	5398435.1720
82	SN-469	Reserved (surface only)	422139.2075	5398365.1720
83	SN-679	Reserved (surface only)	422169.2075	5398245.1720
84	SN-207	Reserved (surface or subsurface)	422159.2075	5398485.1720
85	SN-574	Reserved (surface only)	422269.2075	5398315.1720
86	SN-193	Reserved (surface or subsurface)	422019.2075	5398485.1720
87	SN-353	Reserved (surface only)	422219.2075	5398425.1720
88	SN-671	Reserved (surface only)	422179.2075	5398255.1720
89	SN-226	Reserved (surface or subsurface)	422109.2075	5398475.1720
90	SN-304	Reserved (surface only)	422189.2075	5398445.1720
91	SN-172	Reserved (surface or subsurface)	422039.2075	5398495.1720
92	SN-202	Reserved (surface or subsurface)	422109.2075	5398485.1720
93	SN-652	Reserved (surface only)	422109.2075	5398265.1720
94	SN-77	Reserved (surface or subsurface)	422199.2075	5398545.1720
95	SN-648	Reserved (surface only)	422229.2075	5398275.1720
96	SN-283	Reserved (surface only)	422209.2075	5398455.1720
97	SN-188	Reserved (surface only)	422199.2075	5398495.1720
98	SN-210	Reserved (surface only)	422189.2075	5398485.1720
99	SN-52	Reserved (surface or subsurface)	422159.2075	5398555.1720
100	SN-116	Reserved (surface or subsurface)	422149.2075	5398525.1720
101	SN-610	Reserved (surface only)	422239.2075	5398295.1720
102	SN-98	Reserved (surface or subsurface)	422189.2075	5398535.1720
103	SN-590	Reserved (surface only)	422239.2075	5398305.1720
104	SN-141	Reserved (surface or subsurface)	422179.2075	5398515.1720
105	SN-607	Reserved (surface only)	422209.2075	5398295.1720
106	SN-63	Reserved (surface or subsurface)	422059.2075	5398545.1720

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	SN-307	Reserved (surface only)	422219.2075	5398445.1720
108	SN-263	Reserved (surface only)	422239.2075	5398465.1720
109	SN-524	Reserved (surface only)	422129.2075	5398335.1720
110	SN-345	Reserved (surface or subsurface)	422139.2075	5398425.1720
111	SN-260	Reserved (surface only)	422209.2075	5398465.1720
112	SN-277	Reserved (surface or subsurface)	422149.2075	5398455.1720
113	SN-321	Reserved (surface or subsurface)	422129.2075	5398435.1720
114	SN-225	Reserved (surface or subsurface)	422099.2075	5398475.1720
115	SN-190	Reserved (surface only)	422219.2075	5398495.1720
116	SN-496	Reserved (surface only)	422219.2075	5398355.1720
117	SN-498	Reserved (surface only)	422239.2075	5398355.1720
118	SN-157	Reserved (surface or subsurface)	422119.2075	5398505.1720
119	SN-563	Reserved (surface only)	422159.2075	5398315.1720
120	SN-444	Reserved (surface only)	422079.2075	5398375.1720
121	SN-422	Reserved (surface only)	422259.2075	5398395.1720
122	SN-522	Reserved (surface only)	422289.2075	5398345.1720
123	SN-608	Reserved (surface only)	422219.2075	5398295.1720
124	SN-543	Reserved (surface only)	422139.2075	5398325.1720
125	SN-286	Reserved (surface only)	422239.2075	5398455.1720
126	SN-613	Reserved (surface only)	422269.2075	5398295.1720
127	SN-56	Reserved (surface or subsurface)	422199.2075	5398555.1720
128	SN-445	Reserved (surface only)	422089.2075	5398375.1720
129	SN-468	Reserved (surface only)	422129.2075	5398365.1720
130	SN-561	Reserved (surface only)	422139.2075	5398315.1720
131	SN-285	Reserved (surface only)	422229.2075	5398455.1720
132	SN-372	Reserved (surface only)	422189.2075	5398415.1720
133	SN-371	Reserved (surface only)	422179.2075	5398415.1720
134	SN-641	Reserved (surface only)	422159.2075	5398275.1720
135	SN-166	Reserved (surface only)	422209.2075	5398505.1720
136	SN-484	Reserved (surface only)	422099.2075	5398355.1720
137	SN-195	Reserved (surface or subsurface)	422039.2075	5398485.1720
138	SN-90	Reserved (surface or subsurface)	422109.2075	5398535.1720
139	SN-338	Reserved (surface or subsurface)	422069.2075	5398425.1720
140	SN-510	Reserved (surface only)	422169.2075	5398345.1720
141	SN-170	Reserved (surface or subsurface)	422019.2075	5398495.1720
142	SN-203	Reserved (surface or subsurface)	422119.2075	5398485.1720
143	SN-26	Reserved (surface or subsurface)	422079.2075	5398565.1720
144	SN-127	Reserved (surface or subsurface)	422039.2075	5398515.1720
145	SN-575	Reserved (surface only)	422279.2075	5398315.1720
146	SN-49	Reserved (surface or subsurface)	422129.2075	5398555.1720
147	SN-377	Reserved (surface only)	422239.2075	5398415.1720
148	SN-336	Reserved (surface or subsurface)	422049.2075	5398425.1720
149	SN-549	Reserved (surface only)	422199.2075	5398325.1720
150	SN-603	Reserved (surface only)	422169.2075	5398295.1720

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	EV-1249	Surface	424719.4666	5394072.3992
2	EV-1566	Surface	424709.4666	5394012.3992
3	EV-1090	Surface	425009.4666	5394102.3992
4	EV-1965	Surface	424699.4666	5393882.3992
5	EV-370	Surface	425099.4666	5394222.3992
6	EV-1945	Surface	424649.4666	5393892.3992
7	EV-1223	Surface	425079.4666	5394082.3992
8	EV-230	Surface	425089.4666	5394252.3992
9	EV-81	Surface	424929.4666	5394292.3992
10	EV-1813	Surface	424809.4666	5393952.3992
11	EV-1125	Surface	424729.4666	5394092.3992
12	EV-512	Surface	424789.4666	5394192.3992
13	EV-1771	Surface	424729.4666	5393962.3992
14	EV-1612	Surface	424719.4666	5394002.3992
15	EV-1582	Surface	424869.4666	5394012.3992
16	EV-72	Surface	425079.4666	5394302.3992
17	EV-798	Surface	424579.4666	5394142.3992
18	EV-1923	Surface	424609.4666	5393902.3992
19	EV-980	Surface	425159.4666	5394122.3992
20	EV-1377	Surface	424849.4666	5394052.3992
21	EV-864	Surface	424619.4666	5394132.3992
22	EV-248	Surface	424849.4666	5394242.3992
23	EV-955	Surface	424909.4666	5394122.3992
24	EV-1151	Surface	424989.4666	5394092.3992
25	EV-950	Surface	424859.4666	5394122.3992
26	EV-269	Surface	425059.4666	5394242.3992
27	EV-554	Surface	424599.4666	5394182.3992
28	EV-1880	Surface	424619.4666	5393922.3992
29	EV-707	Surface	424899.4666	5394162.3992
30	EV-1661	Surface	424779.4666	5393992.3992
31	EV-878	Surface	424759.4666	5394132.3992
32	EV-1864	Surface	424719.4666	5393932.3992
33	EV-365	Surface	425049.4666	5394222.3992
34	EV-364	Surface	425039.4666	5394222.3992
35	EV-267	Surface	425039.4666	5394242.3992
36	EV-1738	Surface	424759.4666	5393972.3992
37	EV-1139	Surface	424869.4666	5394092.3992
38	EV-1341	Surface	425049.4666	5394062.3992
39	EV-1916	Surface	424749.4666	5393912.3992
40	EV-1508	Surface	424599.4666	5394022.3992
41	EV-143	Surface	424959.4666	5394272.3992
42	EV-1892	Surface	424739.4666	5393922.3992
43	EV-79	Surface	424909.4666	5394292.3992
44	EV-85	Surface	424969.4666	5394292.3992
45	EV-1778	Surface	424799.4666	5393962.3992
46	EV-1416	Surface	424699.4666	5394042.3992
47	EV-673	Surface	424559.4666	5394162.3992
48	EV-1288	Surface	425109.4666	5394072.3992
49	EV-1669	Surface	424859.4666	5393992.3992
50	EV-1694	Surface	424699.4666	5393982.3992
51	EV-481	Surface	425079.4666	5394202.3992
52	EV-439	Surface	424659.4666	5394202.3992
53	EV-1037	Surface	425109.4666	5394112.3992

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	EV-1679	Surface	424959.4666	5393992.3992
55	EV-772	Surface	424939.4666	5394152.3992
56	EV-1312	Surface	424759.4666	5394062.3992
57	EV-1620	Surface	424799.4666	5394002.3992
58	EV-765	Surface	424869.4666	5394152.3992
59	EV-1485	Surface	424869.4666	5394032.3992
60	EV-1741	Surface	424789.4666	5393972.3992
61	EV-1092	Subsurface	425029.4666	5394102.3992
62	EV-579	Subsurface	424849.4666	5394182.3992
63	EV-1878	Subsurface	424599.4666	5393922.3992
64	EV-1593	Subsurface	424979.4666	5394012.3992
65	EV-944	Subsurface	424799.4666	5394122.3992
66	EV-1247	Reserved (surface or subsurface)	424699.4666	5394072.3992
67	EV-1657	Reserved (surface or subsurface)	424739.4666	5393992.3992
68	EV-1342	Reserved (surface or subsurface)	425059.4666	5394062.3992
69	EV-912	Reserved (surface or subsurface)	425099.4666	5394132.3992
70	EV-212	Reserved (surface or subsurface)	424909.4666	5394252.3992
71	EV-683	Reserved (surface or subsurface)	424659.4666	5394162.3992
72	EV-1064	Reserved (surface or subsurface)	424749.4666	5394102.3992
73	EV-1874	Reserved (surface or subsurface)	424819.4666	5393932.3992
74	EV-1451	Reserved (surface or subsurface)	425049.4666	5394042.3992
75	EV-1074	Reserved (surface or subsurface)	424849.4666	5394102.3992
76	EV-2	Reserved (surface or subsurface)	425059.4666	5394352.3992
77	EV-1246	Reserved (surface or subsurface)	424689.4666	5394072.3992
78	EV-1334	Reserved (surface or subsurface)	424979.4666	5394062.3992
79	EV-1914	Reserved (surface or subsurface)	424729.4666	5393912.3992
80	EV-549	Reserved (surface or subsurface)	424549.4666	5394182.3992
81	EV-915	Reserved (surface or subsurface)	425129.4666	5394132.3992
82	EV-838	Reserved (surface or subsurface)	424979.4666	5394142.3992
83	EV-354	Reserved (surface or subsurface)	424939.4666	5394222.3992
84	EV-850	Reserved (surface or subsurface)	425099.4666	5394142.3992
85	EV-1623	Reserved (surface or subsurface)	424829.4666	5394002.3992
86	EV-377	Reserved (surface or subsurface)	424629.4666	5394212.3992
87	EV-1317	Reserved (surface or subsurface)	424809.4666	5394062.3992
88	EV-1782	Reserved (surface or subsurface)	424839.4666	5393962.3992
89	EV-1872	Reserved (surface or subsurface)	424799.4666	5393932.3992
90	EV-1026	Reserved (surface or subsurface)	424999.4666	5394112.3992
91	EV-1630	Reserved (surface or subsurface)	424899.4666	5394002.3992
92	EV-479	Reserved (surface or subsurface)	425059.4666	5394202.3992
93	EV-1348	Reserved (surface or subsurface)	425119.4666	5394062.3992
94	EV-393	Reserved (surface or subsurface)	424789.4666	5394212.3992
95	EV-686	Reserved (surface or subsurface)	424689.4666	5394162.3992
96	EV-405	Reserved (surface or subsurface)	424909.4666	5394212.3992
97	EV-810	Reserved (surface or subsurface)	424699.4666	5394142.3992
98	EV-790	Reserved (surface or subsurface)	425119.4666	5394152.3992
99	EV-1590	Reserved (surface or subsurface)	424949.4666	5394012.3992
100	EV-1843	Reserved (surface or subsurface)	424789.4666	5393942.3992
101	EV-515	Reserved (surface or subsurface)	424819.4666	5394192.3992
102	EV-121	Reserved (surface or subsurface)	425049.4666	5394282.3992
103	EV-836	Reserved (surface or subsurface)	424959.4666	5394142.3992
104	EV-963	Reserved (surface or subsurface)	424989.4666	5394122.3992
105	EV-1095	Reserved (surface or subsurface)	425059.4666	5394102.3992
106	EV-1060	Reserved (surface or subsurface)	424709.4666	5394102.3992

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	EV-445	Reserved (surface or subsurface)	424719.4666	5394202.3992
108	EV-1322	Reserved (surface or subsurface)	424859.4666	5394062.3992
109	EV-993	Reserved (surface or subsurface)	424669.4666	5394112.3992
110	EV-932	Reserved (surface or subsurface)	424679.4666	5394122.3992
111	EV-618	Reserved (surface or subsurface)	424619.4666	5394172.3992
112	EV-1919	Reserved (surface or subsurface)	424779.4666	5393912.3992
113	EV-353	Reserved (surface or subsurface)	424929.4666	5394222.3992
114	EV-1929	Reserved (surface or subsurface)	424669.4666	5393902.3992
115	EV-919	Reserved (surface or subsurface)	425169.4666	5394132.3992
116	EV-1698	Reserved (surface or subsurface)	424739.4666	5393982.3992
117	EV-1437	Reserved (surface or subsurface)	424909.4666	5394042.3992
118	EV-1887	Reserved (surface or subsurface)	424689.4666	5393922.3992
119	EV-1910	Reserved (surface or subsurface)	424689.4666	5393912.3992
120	EV-616	Reserved (surface or subsurface)	424599.4666	5394172.3992
121	EV-1512	Reserved (surface or subsurface)	424639.4666	5394022.3992
122	EV-1616	Reserved (surface or subsurface)	424759.4666	5394002.3992
123	EV-1294	Reserved (surface or subsurface)	425169.4666	5394072.3992
124	EV-1156	Reserved (surface or subsurface)	425039.4666	5394092.3992
125	EV-284	Reserved (surface or subsurface)	424739.4666	5394232.3992
126	EV-659	Reserved (surface or subsurface)	425029.4666	5394172.3992
127	EV-615	Reserved (surface or subsurface)	424589.4666	5394172.3992
128	EV-340	Reserved (surface or subsurface)	424799.4666	5394222.3992
129	EV-1772	Reserved (surface or subsurface)	424739.4666	5393962.3992
130	EV-1548	Reserved (surface or subsurface)	424999.4666	5394022.3992
131	EV-375	Reserved (surface or subsurface)	424609.4666	5394212.3992
132	EV-297	Reserved (surface or subsurface)	424869.4666	5394232.3992
133	EV-743	Reserved (surface or subsurface)	424649.4666	5394152.3992
134	EV-623	Reserved (surface or subsurface)	424669.4666	5394172.3992
135	EV-1692	Reserved (surface or subsurface)	424679.4666	5393982.3992
136	EV-1257	Reserved (surface or subsurface)	424799.4666	5394072.3992
137	EV-1607	Reserved (surface or subsurface)	424669.4666	5394002.3992
138	EV-1274	Reserved (surface or subsurface)	424969.4666	5394072.3992
139	EV-486	Reserved (surface or subsurface)	424529.4666	5394192.3992
140	EV-1117	Reserved (surface or subsurface)	424649.4666	5394092.3992
141	EV-1823	Reserved (surface or subsurface)	424589.4666	5393942.3992
142	EV-1773	Reserved (surface or subsurface)	424749.4666	5393962.3992
143	EV-107	Reserved (surface or subsurface)	424909.4666	5394282.3992
144	EV-1443	Reserved (surface or subsurface)	424969.4666	5394042.3992
145	EV-1793	Reserved (surface or subsurface)	424609.4666	5393952.3992
146	EV-1498	Reserved (surface or subsurface)	424999.4666	5394032.3992
147	EV-493	Reserved (surface or subsurface)	424599.4666	5394192.3992
148	EV-33	Reserved (surface or subsurface)	425069.4666	5394322.3992
149	EV-1287	Reserved (surface or subsurface)	425099.4666	5394072.3992
150	EV-1777	Reserved (surface or subsurface)	424789.4666	5393962.3992

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	SR-406	Surface	423701.7770	5393750.8269
2	SR-2911	Surface	423691.7770	5393220.8269
3	SR-2620	Surface	424011.7770	5392910.8269
4	SR-4121	Surface	423911.7770	5392970.8269
5	SR-3101	Surface	423561.7770	5393170.8269
6	SR-2204	Surface	423861.7770	5393300.8269
7	SR-1788	Surface	423951.7770	5393400.8269
8	SR-3026	Surface	423571.7770	5393190.8269
9	SR-202	Surface	423781.7770	5393800.8269
10	SR-3479	Surface	423601.7770	5393080.8269
11	SR-3304	Surface	423711.7770	5393120.8269
12	SR-1692	Surface	423791.7770	5393420.8269
13	SR-219	Surface	423951.7770	5393800.8269
14	SR-2941	Surface	424021.7770	5393220.8269
15	SR-2992	Surface	423701.7770	5393200.8269
16	SR-490	Surface	423961.7770	5393730.8269
17	SR-2345	Surface	424051.7770	5393270.8269
18	SR-2157	Surface	423791.7770	5393310.8269
19	SR-3225	Surface	423711.7770	5393140.8269
20	SR-2755	Surface	423881.7770	5392880.8269
21	SR-1336	Surface	423971.7770	5393520.8269
22	SR-2469	Surface	423591.7770	5393230.8269
23	SR-2518	Surface	424051.7770	5392930.8269
24	SR-789	Surface	423991.7770	5393650.8269
25	SR-2541	Surface	423751.7770	5392920.8269
26	SR-544	Surface	423701.7770	5393710.8269
27	SR-4386	Surface	423791.7770	5392830.8269
28	SR-3556	Surface	424041.7770	5393070.8269
29	SR-1915	Surface	423911.7770	5393370.8269
30	SR-3127	Surface	423971.7770	5393170.8269
31	SR-152	Surface	424071.7770	5393820.8269
32	SR-2320	Surface	423801.7770	5393270.8269
33	SR-3345	Surface	423681.7770	5393110.8269
34	SR-2264	Surface	424061.7770	5393290.8269
35	SR-2653	Surface	423831.7770	5392900.8269
36	SR-679	Surface	423621.7770	5393670.8269
37	SR-876	Surface	423951.7770	5393630.8269
38	SR-1376	Surface	423961.7770	5393510.8269
39	SR-4216	Surface	423721.7770	5392950.8269
40	SR-453	Surface	423941.7770	5393740.8269
41	SR-2849	Surface	423911.7770	5392860.8269
42	SR-1722	Surface	423621.7770	5393410.8269
43	SR-3567	Surface	423551.7770	5393060.8269
44	SR-2374	Surface	423931.7770	5393260.8269
45	SR-2843	Surface	423851.7770	5392860.8269
46	SR-3659	Surface	424011.7770	5393050.8269
47	SR-2201	Surface	423831.7770	5393300.8269
48	SR-3319	Surface	423941.7770	5393120.8269
49	SR-1497	Surface	423561.7770	5393470.8269
50	SR-4387	Surface	423801.7770	5392830.8269
51	SR-1981	Surface	423671.7770	5393350.8269
52	SR-3694	Surface	423781.7770	5393040.8269
53	SR-2360	Surface	423791.7770	5393260.8269

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	SR-1480	Surface	423881.7770	5393480.8269
55	SR-3724	Surface	424081.7770	5393040.8269
56	SR-2455	Surface	423971.7770	5393240.8269
57	SR-4319	Surface	423621.7770	5392930.8269
58	SR-1953	Surface	423881.7770	5393360.8269
59	SR-2471	Surface	423701.7770	5393230.8269
60	SR-2268	Surface	423561.7770	5393280.8269
61	SR-4212	Subsurface	423641.7770	5392950.8269
62	SR-872	Subsurface	423911.7770	5393630.8269
63	SR-2034	Subsurface	423831.7770	5393340.8269
64	SR-2202	Subsurface	423841.7770	5393300.8269
65	SR-584	Subsurface	423791.7770	5393700.8269
66	SR-1746	Reserved (surface or subsurface)	423931.7770	5393410.8269
67	SR-3432	Reserved (surface or subsurface)	423591.7770	5393090.8269
68	SR-653	Reserved (surface or subsurface)	423831.7770	5393680.8269
69	SR-3072	Reserved (surface or subsurface)	423701.7770	5393180.8269
70	SR-1958	Reserved (surface or subsurface)	423931.7770	5393360.8269
71	SR-3522	Reserved (surface or subsurface)	423581.7770	5393070.8269
72	SR-3862	Reserved (surface or subsurface)	423601.7770	5393010.8269
73	SR-2235	Reserved (surface or subsurface)	423771.7770	5393290.8269
74	SR-1821	Reserved (surface or subsurface)	423861.7770	5393390.8269
75	SR-3895	Reserved (surface or subsurface)	423991.7770	5393010.8269
76	SR-3973	Reserved (surface or subsurface)	423541.7770	5392990.8269
77	SR-3856	Reserved (surface or subsurface)	423541.7770	5393010.8269
78	SR-1291	Reserved (surface or subsurface)	423931.7770	5393530.8269
79	SR-2709	Reserved (surface or subsurface)	423901.7770	5392890.8269
80	SR-3403	Reserved (surface or subsurface)	423891.7770	5393100.8269
81	SR-961	Reserved (surface or subsurface)	423881.7770	5393610.8269
82	SR-2290	Reserved (surface or subsurface)	423911.7770	5393280.8269
83	SR-1270	Reserved (surface or subsurface)	423661.7770	5393530.8269
84	SR-4160	Reserved (surface or subsurface)	423721.7770	5392960.8269
85	SR-1379	Reserved (surface or subsurface)	423991.7770	5393510.8269
86	SR-3118	Reserved (surface or subsurface)	423881.7770	5393170.8269
87	SR-2713	Reserved (surface or subsurface)	423941.7770	5392890.8269
88	SR-2834	Reserved (surface or subsurface)	423761.7770	5392860.8269
89	SR-2056	Reserved (surface or subsurface)	424051.7770	5393340.8269
90	SR-3047	Reserved (surface or subsurface)	423911.7770	5393190.8269
91	SR-2678	Reserved (surface or subsurface)	424081.7770	5392900.8269
92	SR-282	Reserved (surface or subsurface)	423721.7770	5393780.8269
93	SR-724	Reserved (surface or subsurface)	423741.7770	5393660.8269
94	SR-3540	Reserved (surface or subsurface)	423881.7770	5393070.8269
95	SR-3881	Reserved (surface or subsurface)	423851.7770	5393010.8269
96	SR-3382	Reserved (surface or subsurface)	423561.7770	5393100.8269
97	SR-4142	Reserved (surface or subsurface)	424121.7770	5392970.8269
98	SR-1500	Reserved (surface or subsurface)	423591.7770	5393470.8269
99	SR-5	Reserved (surface or subsurface)	423771.7770	5393890.8269
100	SR-802	Reserved (surface or subsurface)	423651.7770	5393640.8269
101	SR-1348	Reserved (surface or subsurface)	423611.7770	5393510.8269
102	SR-1844	Reserved (surface or subsurface)	423621.7770	5393380.8269
103	SR-1526	Reserved (surface or subsurface)	423971.7770	5393470.8269
104	SR-3221	Reserved (surface or subsurface)	423601.7770	5393140.8269
105	SR-1331	Reserved (surface or subsurface)	423921.7770	5393520.8269
106	SR-3938	Reserved (surface or subsurface)	423831.7770	5393000.8269

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	SR-3872	Reserved (surface or subsurface)	423761.7770	5393010.8269
108	SR-3235	Reserved (surface or subsurface)	423901.7770	5393140.8269
109	SR-3961	Reserved (surface or subsurface)	424061.7770	5393000.8269
110	SR-2796	Reserved (surface or subsurface)	423821.7770	5392870.8269
111	SR-1808	Reserved (surface or subsurface)	423731.7770	5393390.8269
112	SR-4282	Reserved (surface or subsurface)	423831.7770	5392940.8269
113	SR-3706	Reserved (surface or subsurface)	423901.7770	5393040.8269
114	SR-539	Reserved (surface or subsurface)	423651.7770	5393710.8269
115	SR-675	Reserved (surface or subsurface)	424051.7770	5393680.8269
116	SR-915	Reserved (surface or subsurface)	423881.7770	5393620.8269
117	SR-3634	Reserved (surface or subsurface)	423761.7770	5393050.8269
118	SR-728	Reserved (surface or subsurface)	423801.7770	5393660.8269
119	SR-1328	Reserved (surface or subsurface)	423891.7770	5393520.8269
120	SR-930	Reserved (surface or subsurface)	424031.7770	5393620.8269
121	SR-3263	Reserved (surface or subsurface)	423701.7770	5393130.8269
122	SR-3949	Reserved (surface or subsurface)	423941.7770	5393000.8269
123	SR-64	Reserved (surface or subsurface)	423821.7770	5393840.8269
124	SR-3375	Reserved (surface or subsurface)	424071.7770	5393110.8269
125	SR-1197	Reserved (surface or subsurface)	423821.7770	5393550.8269
126	SR-4474	Reserved (surface or subsurface)	423841.7770	5392800.8269
127	SR-2975	Reserved (surface or subsurface)	423971.7770	5393210.8269
128	SR-327	Reserved (surface or subsurface)	423751.7770	5393770.8269
129	SR-3418	Reserved (surface or subsurface)	424041.7770	5393100.8269
130	SR-1667	Reserved (surface or subsurface)	423941.7770	5393430.8269
131	SR-990	Reserved (surface or subsurface)	423711.7770	5393600.8269
132	SR-2395	Reserved (surface or subsurface)	423711.7770	5393250.8269
133	SR-956	Reserved (surface or subsurface)	423831.7770	5393610.8269
134	SR-3443	Reserved (surface or subsurface)	423811.7770	5393090.8269
135	SR-97	Reserved (surface or subsurface)	423861.7770	5393830.8269
136	SR-2059	Reserved (surface or subsurface)	423551.7770	5393330.8269
137	SR-3116	Reserved (surface or subsurface)	423861.7770	5393170.8269
138	SR-3665	Reserved (surface or subsurface)	424071.7770	5393050.8269
139	SR-3068	Reserved (surface or subsurface)	423601.7770	5393180.8269
140	SR-1427	Reserved (surface or subsurface)	423611.7770	5393490.8269
141	SR-3860	Reserved (surface or subsurface)	423581.7770	5393010.8269
142	SR-1510	Reserved (surface or subsurface)	423811.7770	5393470.8269
143	SR-1364	Reserved (surface or subsurface)	423841.7770	5393510.8269
144	SR-438	Reserved (surface or subsurface)	423671.7770	5393740.8269
145	SR-3650	Reserved (surface or subsurface)	423921.7770	5393050.8269
146	SR-3797	Reserved (surface or subsurface)	423541.7770	5393020.8269
147	SR-4285	Reserved (surface or subsurface)	423861.7770	5392940.8269
148	SR-4277	Reserved (surface or subsurface)	423781.7770	5392940.8269
149	SR-765	Reserved (surface or subsurface)	423751.7770	5393650.8269
150	SR-1235	Reserved (surface or subsurface)	423791.7770	5393540.8269

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	KL-65	Surface	417995.1812	5392013.3601
2	KL-174	Surface	417965.1812	5391853.3601
3	KL-149	Surface	417885.1812	5391863.3601
4	KL-85	Surface	417985.1812	5391983.3601
5	KL-277	Surface	417925.1812	5391793.3601
6	KL-5	Surface	418025.1812	5392093.3601
7	KL-285	Surface	417835.1812	5391783.3601
8	KL-240	Surface	417915.1812	5391813.3601
9	KL-93	Surface	418005.1812	5391973.3601
10	KL-98	Surface	417995.1812	5391963.3601
11	KL-204	Surface	417915.1812	5391833.3601
12	KL-289	Surface	417875.1812	5391783.3601
13	KL-300	Surface	417985.1812	5391783.3601
14	KL-79	Surface	417985.1812	5391993.3601
15	KL-94	Surface	417955.1812	5391963.3601
16	KL-236	Surface	417875.1812	5391813.3601
17	KL-100	Surface	417955.1812	5391953.3601
18	KL-248	Surface	417815.1812	5391803.3601
19	KL-32	Surface	417995.1812	5392053.3601
20	KL-112	Surface	417955.1812	5391933.3601
21	KL-232	Surface	417835.1812	5391813.3601
22	KL-33	Surface	418005.1812	5392053.3601
23	KL-175	Surface	417975.1812	5391853.3601
24	KL-16	Surface	418005.1812	5392073.3601
25	KL-233	Surface	417845.1812	5391813.3601
26	KL-14	Surface	418055.1812	5392083.3601
27	KL-60	Surface	418015.1812	5392023.3601
28	KL-9	Surface	418005.1812	5392083.3601
29	KL-121	Surface	417995.1812	5391923.3601
30	KL-228	Surface	417975.1812	5391823.3601
31	KL-222	Surface	417915.1812	5391823.3601
32	KL-8	Surface	418055.1812	5392093.3601
33	KL-304	Surface	417915.1812	5391773.3601
34	KL-145	Surface	417945.1812	5391873.3601
35	KL-87	Surface	418005.1812	5391983.3601
36	KL-122	Surface	417955.1812	5391913.3601
37	KL-28	Surface	418045.1812	5392063.3601
38	KL-266	Surface	417815.1812	5391793.3601
39	KL-27	Surface	418035.1812	5392063.3601
40	KL-84	Surface	417975.1812	5391983.3601
41	KL-230	Surface	417815.1812	5391813.3601
42	KL-72	Surface	417985.1812	5392003.3601
43	KL-71	Surface	417975.1812	5392003.3601
44	KL-81	Surface	418005.1812	5391993.3601
45	KL-250	Surface	417835.1812	5391803.3601
46	KL-90	Surface	417975.1812	5391973.3601
47	KL-231	Surface	417825.1812	5391813.3601
48	KL-12	Surface	418035.1812	5392083.3601
49	KL-221	Surface	417905.1812	5391823.3601
50	KL-281	Surface	417965.1812	5391793.3601
51	KL-296	Surface	417945.1812	5391783.3601
52	KL-154	Surface	417935.1812	5391863.3601
53	KL-164	Surface	417865.1812	5391853.3601

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	KL-127	Surface	417955.1812	5391903.3601
55	KL-2	Surface	418035.1812	5392103.3601
56	KL-264	Surface	417975.1812	5391803.3601
57	KL-295	Surface	417935.1812	5391783.3601
58	KL-257	Surface	417905.1812	5391803.3601
59	KL-259	Surface	417925.1812	5391803.3601
60	KL-108	Surface	417975.1812	5391943.3601
61	KL-297	Subsurface	417955.1812	5391783.3601
62	KL-203	Subsurface	417905.1812	5391833.3601
63	KL-3	Subsurface	418045.1812	5392103.3601
64	KL-268	Subsurface	417835.1812	5391793.3601
65	KL-116	Subsurface	417995.1812	5391933.3601
66	KL-213	Reserved (surface or subsurface)	417825.1812	5391823.3601
67	KL-101	Reserved (surface or subsurface)	417965.1812	5391953.3601
68	KL-13	Reserved (surface or subsurface)	418045.1812	5392083.3601
69	KL-278	Reserved (surface or subsurface)	417935.1812	5391793.3601
70	KL-47	Reserved (surface or subsurface)	418055.1812	5392043.3601
71	KL-38	Reserved (surface or subsurface)	418055.1812	5392053.3601
72	KL-152	Reserved (surface or subsurface)	417915.1812	5391863.3601
73	KL-96	Reserved (surface or subsurface)	417975.1812	5391963.3601
74	KL-20	Reserved (surface or subsurface)	418045.1812	5392073.3601
75	KL-109	Reserved (surface or subsurface)	417985.1812	5391943.3601
76	KL-88	Reserved (surface or subsurface)	418015.1812	5391983.3601
77	KL-255	Reserved (surface or subsurface)	417885.1812	5391803.3601
78	KL-299	Reserved (surface or subsurface)	417975.1812	5391783.3601
79	KL-142	Reserved (surface or subsurface)	417915.1812	5391873.3601
80	KL-245	Reserved (surface or subsurface)	417965.1812	5391813.3601
81	KL-301	Reserved (surface or subsurface)	417885.1812	5391773.3601
82	KL-219	Reserved (surface or subsurface)	417885.1812	5391823.3601
83	KL-258	Reserved (surface or subsurface)	417915.1812	5391803.3601
84	KL-205	Reserved (surface or subsurface)	417925.1812	5391833.3601
85	KL-107	Reserved (surface or subsurface)	417965.1812	5391943.3601
86	KL-238	Reserved (surface or subsurface)	417895.1812	5391813.3601
87	KL-129	Reserved (surface or subsurface)	417975.1812	5391903.3601
88	KL-36	Reserved (surface or subsurface)	418035.1812	5392053.3601
89	KL-302	Reserved (surface or subsurface)	417895.1812	5391773.3601
90	KL-130	Reserved (surface or subsurface)	417985.1812	5391903.3601
91	KL-99	Reserved (surface or subsurface)	418005.1812	5391963.3601
92	KL-110	Reserved (surface or subsurface)	417995.1812	5391943.3601
93	KL-199	Reserved (surface or subsurface)	417865.1812	5391833.3601
94	KL-134	Reserved (surface or subsurface)	417975.1812	5391893.3601
95	KL-48	Reserved (surface or subsurface)	417975.1812	5392033.3601
96	KL-138	Reserved (surface or subsurface)	417965.1812	5391883.3601
97	KL-246	Reserved (surface or subsurface)	417975.1812	5391813.3601
98	KL-22	Reserved (surface or subsurface)	418065.1812	5392073.3601
99	KL-68	Reserved (surface or subsurface)	418025.1812	5392013.3601
100	KL-86	Reserved (surface or subsurface)	417995.1812	5391983.3601
101	KL-59	Reserved (surface or subsurface)	418005.1812	5392023.3601
102	KL-58	Reserved (surface or subsurface)	417995.1812	5392023.3601
103	KL-44	Reserved (surface or subsurface)	418025.1812	5392043.3601
104	KL-288	Reserved (surface or subsurface)	417865.1812	5391783.3601
105	KL-125	Reserved (surface or subsurface)	417985.1812	5391913.3601
106	KL-181	Reserved (surface or subsurface)	417865.1812	5391843.3601

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	KL-189	Reserved (surface or subsurface)	417945.1812	5391843.3601
108	KL-315	Reserved (surface or subsurface)	417955.1812	5391763.3601
109	KL-294	Reserved (surface or subsurface)	417925.1812	5391783.3601
110	KL-179	Reserved (surface or subsurface)	417845.1812	5391843.3601
111	KL-173	Reserved (surface or subsurface)	417955.1812	5391853.3601
112	KL-171	Reserved (surface or subsurface)	417935.1812	5391853.3601
113	KL-144	Reserved (surface or subsurface)	417935.1812	5391873.3601
114	KL-21	Reserved (surface or subsurface)	418055.1812	5392073.3601
115	KL-147	Reserved (surface or subsurface)	417965.1812	5391873.3601
116	KL-306	Reserved (surface or subsurface)	417935.1812	5391773.3601
117	KL-31	Reserved (surface or subsurface)	417985.1812	5392053.3601
118	KL-177	Reserved (surface or subsurface)	417825.1812	5391843.3601
119	KL-267	Reserved (surface or subsurface)	417825.1812	5391793.3601
120	KL-124	Reserved (surface or subsurface)	417975.1812	5391913.3601
121	KL-57	Reserved (surface or subsurface)	417985.1812	5392023.3601
122	KL-176	Reserved (surface or subsurface)	417815.1812	5391843.3601
123	KL-92	Reserved (surface or subsurface)	417995.1812	5391973.3601
124	KL-18	Reserved (surface or subsurface)	418025.1812	5392073.3601
125	KL-146	Reserved (surface or subsurface)	417955.1812	5391873.3601
126	KL-70	Reserved (surface or subsurface)	417965.1812	5392003.3601
127	KL-91	Reserved (surface or subsurface)	417985.1812	5391973.3601
128	KL-76	Reserved (surface or subsurface)	418025.1812	5392003.3601
129	KL-214	Reserved (surface or subsurface)	417835.1812	5391823.3601
130	KL-114	Reserved (surface or subsurface)	417975.1812	5391933.3601
131	KL-216	Reserved (surface or subsurface)	417855.1812	5391823.3601
132	KL-42	Reserved (surface or subsurface)	418005.1812	5392043.3601
133	KL-280	Reserved (surface or subsurface)	417955.1812	5391793.3601
134	KL-83	Reserved (surface or subsurface)	417965.1812	5391983.3601
135	KL-113	Reserved (surface or subsurface)	417965.1812	5391933.3601
136	KL-50	Reserved (surface or subsurface)	417995.1812	5392033.3601
137	KL-131	Reserved (surface or subsurface)	417945.1812	5391893.3601
138	KL-185	Reserved (surface or subsurface)	417905.1812	5391843.3601
139	KL-224	Reserved (surface or subsurface)	417935.1812	5391823.3601
140	KL-163	Reserved (surface or subsurface)	417855.1812	5391853.3601
141	KL-29	Reserved (surface or subsurface)	418055.1812	5392063.3601
142	KL-143	Reserved (surface or subsurface)	417925.1812	5391873.3601
143	KL-74	Reserved (surface or subsurface)	418005.1812	5392003.3601
144	KL-262	Reserved (surface or subsurface)	417955.1812	5391803.3601
145	KL-191	Reserved (surface or subsurface)	417965.1812	5391843.3601
146	KL-220	Reserved (surface or subsurface)	417895.1812	5391823.3601
147	KL-151	Reserved (surface or subsurface)	417905.1812	5391863.3601
148	KL-136	Reserved (surface or subsurface)	417945.1812	5391883.3601
149	KL-229	Reserved (surface or subsurface)	417805.1812	5391813.3601
150	KL-312	Reserved (surface or subsurface)	417925.1812	5391763.3601

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	WB-2826	Surface	420630.6450	5385670.4425
2	WB-339	Surface	420390.8203	5386901.9897
3	WB-2328	Surface	420560.6450	5385800.4425
4	WB-1376	Surface	420550.8203	5386671.9897
5	WB-1057	Surface	420510.8203	5386731.9897
6	WB-2001	Surface	420570.8203	5386521.9897
7	WB-1768	Surface	420420.8203	5386591.9897
8	WB-1891	Surface	420550.8203	5386561.9897
9	WB-218	Surface	420380.8203	5386941.9897
10	WB-3329	Surface	420730.6450	5385560.4425
11	WB-2280	Surface	420410.6450	5385810.4425
12	WB-2698	Surface	420470.6450	5385700.4425
13	WB-2886	Surface	420830.6450	5385660.4425
14	WB-3352	Surface	420570.6450	5385550.4425
15	WB-1425	Surface	420490.8203	5386661.9897
16	WB-1092	Surface	420360.8203	5386721.9897
17	WB-2497	Surface	420410.6450	5385750.4425
18	WB-2423	Surface	420460.6450	5385770.4425
19	WB-240	Surface	420320.8203	5386931.9897
20	WB-2600	Surface	420620.6450	5385730.4425
21	WB-1345	Surface	420790.8203	5386681.9897
22	WB-424	Surface	420560.8203	5386881.9897
23	WB-1178	Surface	420710.8203	5386711.9897
24	WB-999	Surface	420430.8203	5386741.9897
25	WB-3417	Surface	420500.6450	5385530.4425
26	WB-3327	Surface	420710.6450	5385560.4425
27	WB-3301	Surface	420450.6450	5385560.4425
28	WB-284	Surface	420470.8203	5386921.9897
29	WB-702	Surface	420680.8203	5386811.9897
30	WB-927	Surface	420680.8203	5386761.9897
31	WB-2097	Surface	420400.6450	5385920.4425
32	WB-263	Surface	420550.8203	5386931.9897
33	WB-1444	Surface	420680.8203	5386661.9897
34	WB-1331	Surface	420650.8203	5386681.9897
35	WB-1400	Surface	420790.8203	5386671.9897
36	WB-1762	Surface	420360.8203	5386591.9897
37	WB-3403	Surface	420710.6450	5385540.4425
38	WB-3091	Surface	420510.6450	5385610.4425
39	WB-188	Surface	420350.8203	5386951.9897
40	WB-1546	Surface	420600.8203	5386641.9897
41	WB-1620	Surface	420800.8203	5386631.9897
42	WB-1790	Surface	420640.8203	5386591.9897
43	WB-2667	Surface	420520.6450	5385710.4425
44	WB-3089	Surface	420490.6450	5385610.4425
45	WB-786	Surface	420650.8203	5386791.9897
46	WB-1242	Surface	420300.8203	5386691.9897
47	WB-3161	Surface	420750.6450	5385600.4425
48	WB-2212	Surface	420620.6450	5385840.4425
49	WB-2528	Surface	420720.6450	5385750.4425
50	WB-3361	Surface	420660.6450	5385550.4425
51	WB-1806	Surface	420400.8203	5386581.9897
52	WB-3415	Surface	420480.6450	5385530.4425
53	WB-1008	Surface	420520.8203	5386741.9897

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	WB-2572	Surface	420740.6450	5385740.4425
55	WB-2479	Surface	420640.6450	5385760.4425
56	WB-3649	Surface	420670.6450	5385450.4425
57	WB-1880	Surface	420440.8203	5386561.9897
58	WB-3607	Surface	420670.6450	5385470.4425
59	WB-553	Surface	420400.8203	5386841.9897
60	WB-3094	Surface	420540.6450	5385610.4425
61	WB-1115	Subsurface	420590.8203	5386721.9897
62	WB-2916	Subsurface	420710.6450	5385650.4425
63	WB-1311	Subsurface	420450.8203	5386681.9897
64	WB-1946	Subsurface	420510.8203	5386541.9897
65	WB-2101	Subsurface	420440.6450	5385920.4425
66	WB-838	Reserved (surface or subsurface)	420720.8203	5386781.9897
67	WB-2112	Reserved (surface or subsurface)	420410.6450	5385900.4425
68	WB-1864	Reserved (surface or subsurface)	420610.8203	5386571.9897
69	WB-66	Reserved (surface or subsurface)	420280.8203	5387001.9897
70	WB-3534	Reserved (surface or subsurface)	420720.6450	5385500.4425
71	WB-1491	Reserved (surface or subsurface)	420600.8203	5386651.9897
72	WB-926	Reserved (surface or subsurface)	420670.8203	5386761.9897
73	WB-1014	Reserved (surface or subsurface)	420580.8203	5386741.9897
74	WB-3451	Reserved (surface or subsurface)	420510.6450	5385520.4425
75	WB-1815	Reserved (surface or subsurface)	420490.8203	5386581.9897
76	WB-665	Reserved (surface or subsurface)	420310.8203	5386811.9897
77	WB-600	Reserved (surface or subsurface)	420480.8203	5386831.9897
78	WB-1772	Reserved (surface or subsurface)	420460.8203	5386591.9897
79	WB-1637	Reserved (surface or subsurface)	420460.8203	5386621.9897
80	WB-2860	Reserved (surface or subsurface)	420570.6450	5385660.4425
81	WB-1165	Reserved (surface or subsurface)	420580.8203	5386711.9897
82	WB-1945	Reserved (surface or subsurface)	420500.8203	5386541.9897
83	WB-181	Reserved (surface or subsurface)	420280.8203	5386951.9897
84	WB-3540	Reserved (surface or subsurface)	420780.6450	5385500.4425
85	WB-3667	Reserved (surface or subsurface)	420670.6450	5385440.4425
86	WB-403	Reserved (surface or subsurface)	420350.8203	5386881.9897
87	WB-2765	Reserved (surface or subsurface)	420780.6450	5385690.4425
88	WB-2831	Reserved (surface or subsurface)	420680.6450	5385670.4425
89	WB-497	Reserved (surface or subsurface)	420590.8203	5386861.9897
90	WB-629	Reserved (surface or subsurface)	420370.8203	5386821.9897
91	WB-1049	Reserved (surface or subsurface)	420430.8203	5386731.9897
92	WB-825	Reserved (surface or subsurface)	420590.8203	5386781.9897
93	WB-2806	Reserved (surface or subsurface)	420820.6450	5385680.4425
94	WB-2019	Reserved (surface or subsurface)	420550.8203	5386511.9897
95	WB-2687	Reserved (surface or subsurface)	420720.6450	5385710.4425
96	WB-1825	Reserved (surface or subsurface)	420590.8203	5386581.9897
97	WB-1662	Reserved (surface or subsurface)	420710.8203	5386621.9897
98	WB-851	Reserved (surface or subsurface)	420390.8203	5386771.9897
99	WB-2262	Reserved (surface or subsurface)	420540.6450	5385820.4425
100	WB-875	Reserved (surface or subsurface)	420630.8203	5386771.9897
101	WB-941	Reserved (surface or subsurface)	420340.8203	5386751.9897
102	WB-3441	Reserved (surface or subsurface)	420740.6450	5385530.4425
103	WB-1601	Reserved (surface or subsurface)	420610.8203	5386631.9897
104	WB-1102	Reserved (surface or subsurface)	420460.8203	5386721.9897
105	WB-2725	Reserved (surface or subsurface)	420740.6450	5385700.4425
106	WB-2850	Reserved (surface or subsurface)	420470.6450	5385660.4425

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	WB-1243	Reserved (surface or subsurface)	420310.8203	5386691.9897
108	WB-2077	Reserved (surface or subsurface)	420400.6450	5385950.4425
109	WB-1050	Reserved (surface or subsurface)	420440.8203	5386731.9897
110	WB-1332	Reserved (surface or subsurface)	420660.8203	5386681.9897
111	WB-229	Reserved (surface or subsurface)	420490.8203	5386941.9897
112	WB-363	Reserved (surface or subsurface)	420300.8203	5386891.9897
113	WB-2730	Reserved (surface or subsurface)	420790.6450	5385700.4425
114	WB-149	Reserved (surface or subsurface)	420450.8203	5386971.9897
115	WB-613	Reserved (surface or subsurface)	420610.8203	5386831.9897
116	WB-2169	Reserved (surface or subsurface)	420460.6450	5385850.4425
117	WB-580	Reserved (surface or subsurface)	420670.8203	5386841.9897
118	WB-1488	Reserved (surface or subsurface)	420570.8203	5386651.9897
119	WB-1687	Reserved (surface or subsurface)	420480.8203	5386611.9897
120	WB-3319	Reserved (surface or subsurface)	420630.6450	5385560.4425
121	WB-3577	Reserved (surface or subsurface)	420610.6450	5385480.4425
122	WB-102	Reserved (surface or subsurface)	420430.8203	5386991.9897
123	WB-2583	Reserved (surface or subsurface)	420450.6450	5385730.4425
124	WB-113	Reserved (surface or subsurface)	420320.8203	5386981.9897
125	WB-764	Reserved (surface or subsurface)	420430.8203	5386791.9897
126	WB-2070	Reserved (surface or subsurface)	420400.8203	5386451.9897
127	WB-2147	Reserved (surface or subsurface)	420510.6450	5385870.4425
128	WB-940	Reserved (surface or subsurface)	420330.8203	5386751.9897
129	WB-709	Reserved (surface or subsurface)	420320.8203	5386801.9897
130	WB-3343	Reserved (surface or subsurface)	420480.6450	5385550.4425
131	WB-3354	Reserved (surface or subsurface)	420590.6450	5385550.4425
132	WB-1708	Reserved (surface or subsurface)	420690.8203	5386611.9897
133	WB-1029	Reserved (surface or subsurface)	420730.8203	5386741.9897
134	WB-2935	Reserved (surface or subsurface)	420430.6450	5385640.4425
135	WB-169	Reserved (surface or subsurface)	420410.8203	5386961.9897
136	WB-3105	Reserved (surface or subsurface)	420650.6450	5385610.4425
137	WB-3595	Reserved (surface or subsurface)	420550.6450	5385470.4425
138	WB-1965	Reserved (surface or subsurface)	420440.8203	5386531.9897
139	WB-2463	Reserved (surface or subsurface)	420480.6450	5385760.4425
140	WB-2764	Reserved (surface or subsurface)	420770.6450	5385690.4425
141	WB-854	Reserved (surface or subsurface)	420420.8203	5386771.9897
142	WB-37	Reserved (surface or subsurface)	420350.8203	5387021.9897
143	WB-2322	Reserved (surface or subsurface)	420500.6450	5385800.4425
144	WB-3218	Reserved (surface or subsurface)	420440.6450	5385580.4425
145	WB-340	Reserved (surface or subsurface)	420400.8203	5386901.9897
146	WB-3692	Reserved (surface or subsurface)	420610.6450	5385420.4425
147	WB-887	Reserved (surface or subsurface)	420750.8203	5386771.9897
148	WB-2201	Reserved (surface or subsurface)	420510.6450	5385840.4425
149	WB-1656	Reserved (surface or subsurface)	420650.8203	5386621.9897
150	WB-2213	Reserved (surface or subsurface)	420630.6450	5385840.4425

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	KF-360	Surface	417140.5287	5382715.4700
2	KF-664	Surface	417130.5287	5382605.4700
3	KF-227	Surface	417130.5287	5382750.4700
4	KF-456	Surface	417100.5287	5382685.4700
5	KF-382	Surface	417155.5287	5382710.4700
6	KF-314	Surface	417100.5287	5382725.4700
7	KF-733	Surface	417110.5287	5382575.4700
8	KF-763	Surface	417150.5287	5382565.4700
9	KF-544	Surface	417110.5287	5382650.4700
10	KF-736	Surface	417125.5287	5382575.4700
11	KF-107	Surface	417125.5287	5382800.4700
12	KF-118	Surface	417130.5287	5382795.4700
13	KF-698	Surface	417110.5287	5382590.4700
14	KF-242	Surface	417115.5287	5382745.4700
15	KF-284	Surface	417140.5287	5382735.4700
16	KF-522	Surface	417120.5287	5382660.4700
17	KF-58	Surface	417100.5287	5382825.4700
18	KF-649	Surface	417125.5287	5382610.4700
19	KF-624	Surface	417135.5287	5382620.4700
20	KF-558	Surface	417120.5287	5382645.4700
21	KF-137	Surface	417125.5287	5382785.4700
22	KF-45	Surface	417115.5287	5382835.4700
23	KF-570	Surface	417120.5287	5382640.4700
24	KF-178	Surface	417115.5287	5382765.4700
25	KF-745	Surface	417115.5287	5382570.4700
26	KF-42	Surface	417100.5287	5382835.4700
27	KF-92	Surface	417095.5287	5382805.4700
28	KF-104	Surface	417110.5287	5382800.4700
29	KF-148	Surface	417130.5287	5382780.4700
30	KF-534	Surface	417120.5287	5382655.4700
31	KF-353	Surface	417105.5287	5382715.4700
32	KF-665	Surface	417135.5287	5382605.4700
33	KF-188	Surface	417100.5287	5382760.4700
34	KF-205	Surface	417105.5287	5382755.4700
35	KF-596	Surface	417125.5287	5382630.4700
36	KF-15	Surface	417095.5287	5382855.4700
37	KF-496	Surface	417110.5287	5382670.4700
38	KF-399	Surface	417145.5287	5382705.4700
39	KF-785	Surface	417110.5287	5382550.4700
40	KF-501	Surface	417135.5287	5382670.4700
41	KF-51	Surface	417105.5287	5382830.4700
42	KF-489	Surface	417135.5287	5382675.4700
43	KF-471	Surface	417110.5287	5382680.4700
44	KF-139	Surface	417085.5287	5382780.4700
45	KF-485	Surface	417115.5287	5382675.4700
46	KF-568	Surface	417110.5287	5382640.4700
47	KF-259	Surface	417110.5287	5382740.4700
48	KF-158	Surface	417130.5287	5382775.4700
49	KF-134	Surface	417110.5287	5382785.4700
50	KF-339	Surface	417130.5287	5382720.4700
51	KF-254	Surface	417085.5287	5382740.4700
52	KF-69	Surface	417115.5287	5382820.4700
53	KF-114	Surface	417110.5287	5382795.4700

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	KF-653	Surface	417145.5287	5382610.4700
55	KF-349	Surface	417085.5287	5382715.4700
56	KF-53	Surface	417115.5287	5382830.4700
57	KF-343	Surface	417150.5287	5382720.4700
58	KF-424	Surface	417085.5287	5382695.4700
59	KF-674	Surface	417115.5287	5382600.4700
60	KF-373	Surface	417110.5287	5382710.4700
61	KF-477	Subsurface	417140.5287	5382680.4700
62	KF-122	Subsurface	417100.5287	5382790.4700
63	KF-660	Subsurface	417110.5287	5382605.4700
64	KF-193	Subsurface	417125.5287	5382760.4700
65	KF-294	Subsurface	417095.5287	5382730.4700
66	KF-692	Reserved (surface or subsurface)	417140.5287	5382595.4700
67	KF-702	Reserved (surface or subsurface)	417130.5287	5382590.4700
68	KF-573	Reserved (surface or subsurface)	417135.5287	5382640.4700
69	KF-217	Reserved (surface or subsurface)	417165.5287	5382755.4700
70	KF-293	Reserved (surface or subsurface)	417090.5287	5382730.4700
71	KF-16	Reserved (surface or subsurface)	417100.5287	5382855.4700
72	KF-520	Reserved (surface or subsurface)	417110.5287	5382660.4700
73	KF-513	Reserved (surface or subsurface)	417135.5287	5382665.4700
74	KF-756	Reserved (surface or subsurface)	417115.5287	5382565.4700
75	KF-308	Reserved (surface or subsurface)	417165.5287	5382730.4700
76	KF-364	Reserved (surface or subsurface)	417160.5287	5382715.4700
77	KF-648	Reserved (surface or subsurface)	417120.5287	5382610.4700
78	KF-759	Reserved (surface or subsurface)	417130.5287	5382565.4700
79	KF-34	Reserved (surface or subsurface)	417095.5287	5382840.4700
80	KF-569	Reserved (surface or subsurface)	417115.5287	5382640.4700
81	KF-448	Reserved (surface or subsurface)	417130.5287	5382690.4700
82	KF-292	Reserved (surface or subsurface)	417085.5287	5382730.4700
83	KF-72	Reserved (surface or subsurface)	417085.5287	5382815.4700
84	KF-782	Reserved (surface or subsurface)	417145.5287	5382555.4700
85	KF-640	Reserved (surface or subsurface)	417150.5287	5382615.4700
86	KF-584	Reserved (surface or subsurface)	417130.5287	5382635.4700
87	KF-753	Reserved (surface or subsurface)	417155.5287	5382570.4700
88	KF-613	Reserved (surface or subsurface)	417145.5287	5382625.4700
89	KF-453	Reserved (surface or subsurface)	417085.5287	5382685.4700
90	KF-230	Reserved (surface or subsurface)	417145.5287	5382750.4700
91	KF-781	Reserved (surface or subsurface)	417140.5287	5382555.4700
92	KF-655	Reserved (surface or subsurface)	417085.5287	5382605.4700
93	KF-156	Reserved (surface or subsurface)	417120.5287	5382775.4700
94	KF-276	Reserved (surface or subsurface)	417100.5287	5382735.4700
95	KF-239	Reserved (surface or subsurface)	417100.5287	5382745.4700
96	KF-502	Reserved (surface or subsurface)	417140.5287	5382670.4700
97	KF-599	Reserved (surface or subsurface)	417140.5287	5382630.4700
98	KF-761	Reserved (surface or subsurface)	417140.5287	5382565.4700
99	KF-661	Reserved (surface or subsurface)	417115.5287	5382605.4700
100	KF-160	Reserved (surface or subsurface)	417085.5287	5382770.4700
101	KF-641	Reserved (surface or subsurface)	417085.5287	5382610.4700
102	KF-609	Reserved (surface or subsurface)	417125.5287	5382625.4700
103	KF-533	Reserved (surface or subsurface)	417115.5287	5382655.4700
104	KF-40	Reserved (surface or subsurface)	417090.5287	5382835.4700
105	KF-265	Reserved (surface or subsurface)	417140.5287	5382740.4700
106	KF-164	Reserved (surface or subsurface)	417105.5287	5382770.4700

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	KF-521	Reserved (surface or subsurface)	417115.5287	5382660.4700
108	KF-414	Reserved (surface or subsurface)	417125.5287	5382700.4700
109	KF-716	Reserved (surface or subsurface)	417140.5287	5382585.4700
110	KF-635	Reserved (surface or subsurface)	417125.5287	5382615.4700
111	KF-142	Reserved (surface or subsurface)	417100.5287	5382780.4700
112	KF-198	Reserved (surface or subsurface)	417150.5287	5382760.4700
113	KF-138	Reserved (surface or subsurface)	417130.5287	5382785.4700
114	KF-732	Reserved (surface or subsurface)	417105.5287	5382575.4700
115	KF-209	Reserved (surface or subsurface)	417125.5287	5382755.4700
116	KF-737	Reserved (surface or subsurface)	417130.5287	5382575.4700
117	KF-457	Reserved (surface or subsurface)	417105.5287	5382685.4700
118	KF-452	Reserved (surface or subsurface)	417150.5287	5382690.4700
119	KF-722	Reserved (surface or subsurface)	417110.5287	5382580.4700
120	KF-300	Reserved (surface or subsurface)	417125.5287	5382730.4700
121	KF-226	Reserved (surface or subsurface)	417125.5287	5382750.4700
122	KF-475	Reserved (surface or subsurface)	417130.5287	5382680.4700
123	KF-542	Reserved (surface or subsurface)	417100.5287	5382650.4700
124	KF-586	Reserved (surface or subsurface)	417140.5287	5382635.4700
125	KF-291	Reserved (surface or subsurface)	417175.5287	5382735.4700
126	KF-36	Reserved (surface or subsurface)	417105.5287	5382840.4700
127	KF-402	Reserved (surface or subsurface)	417160.5287	5382705.4700
128	KF-46	Reserved (surface or subsurface)	417120.5287	5382835.4700
129	KF-247	Reserved (surface or subsurface)	417140.5287	5382745.4700
130	KF-634	Reserved (surface or subsurface)	417120.5287	5382615.4700
131	KF-604	Reserved (surface or subsurface)	417100.5287	5382625.4700
132	KF-789	Reserved (surface or subsurface)	417130.5287	5382550.4700
133	KF-524	Reserved (surface or subsurface)	417130.5287	5382660.4700
134	KF-394	Reserved (surface or subsurface)	417120.5287	5382705.4700
135	KF-480	Reserved (surface or subsurface)	417090.5287	5382675.4700
136	KF-687	Reserved (surface or subsurface)	417115.5287	5382595.4700
137	KF-28	Reserved (surface or subsurface)	417100.5287	5382845.4700
138	KF-515	Reserved (surface or subsurface)	417085.5287	5382660.4700
139	KF-450	Reserved (surface or subsurface)	417140.5287	5382690.4700
140	KF-726	Reserved (surface or subsurface)	417130.5287	5382580.4700
141	KF-213	Reserved (surface or subsurface)	417145.5287	5382755.4700
142	KF-39	Reserved (surface or subsurface)	417085.5287	5382835.4700
143	KF-302	Reserved (surface or subsurface)	417135.5287	5382730.4700
144	KF-651	Reserved (surface or subsurface)	417135.5287	5382610.4700
145	KF-713	Reserved (surface or subsurface)	417125.5287	5382585.4700
146	KF-303	Reserved (surface or subsurface)	417140.5287	5382730.4700
147	KF-786	Reserved (surface or subsurface)	417115.5287	5382550.4700
148	KF-358	Reserved (surface or subsurface)	417130.5287	5382715.4700
149	KF-685	Reserved (surface or subsurface)	417105.5287	5382595.4700
150	KF-108	Reserved (surface or subsurface)	417130.5287	5382800.4700

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	LY-19	Surface	417719.6722	5381698.9784
2	LY-1215	Surface	417759.6722	5381508.9784
3	LY-1532	Surface	417179.6722	5381458.9784
4	LY-1732	Surface	417799.6722	5381438.9784
5	LY-1565	Surface	417519.6722	5381458.9784
6	LY-2200	Surface	417319.6722	5381408.9784
7	LY-2140	Surface	417649.6722	5381308.9784
8	LY-3106	Surface	417589.6722	5381138.9784
9	LY-1720	Surface	417679.6722	5381438.9784
10	LY-2767	Surface	417369.6722	5381238.9784
11	LY-1403	Surface	417349.6722	5381478.9784
12	LY-3213	Surface	417519.6722	5381078.9784
13	LY-1964	Surface	417389.6722	5381338.9784
14	LY-1141	Surface	417799.6722	5381518.9784
15	LY-3223	Surface	417619.6722	5381078.9784
16	LY-1184	Surface	417439.6722	5381508.9784
17	LY-1837	Surface	417549.6722	5381418.9784
18	LY-1362	Surface	417699.6722	5381488.9784
19	LY-596	Surface	417759.6722	5381588.9784
20	LY-2707	Surface	417729.6722	5381258.9784
21	LY-827	Surface	417779.6722	5381558.9784
22	LY-1069	Surface	417869.6722	5381528.9784
23	LY-2432	Surface	417289.6722	5381368.9784
24	LY-1682	Surface	417279.6722	5381438.9784
25	LY-1088	Surface	417269.6722	5381518.9784
26	LY-3006	Surface	417559.6722	5381178.9784
27	LY-2346	Surface	417619.6722	5381388.9784
28	LY-1937	Surface	417719.6722	5381348.9784
29	LY-1150	Surface	417889.6722	5381518.9784
30	LY-1166	Surface	417259.6722	5381508.9784
31	LY-572	Surface	417519.6722	5381588.9784
32	LY-520	Surface	417749.6722	5381598.9784
33	LY-258	Surface	417759.6722	5381638.9784
34	LY-471	Surface	417259.6722	5381598.9784
35	LY-545	Surface	417249.6722	5381588.9784
36	LY-1249	Surface	417319.6722	5381498.9784
37	LY-263	Surface	417809.6722	5381638.9784
38	LY-1284	Surface	417689.6722	5381498.9784
39	LY-3008	Surface	417609.6722	5381178.9784
40	LY-2877	Surface	417669.6722	5381218.9784
41	LY-1799	Surface	417819.6722	5381428.9784
42	LY-1085	Surface	417239.6722	5381518.9784
43	LY-981	Surface	417769.6722	5381538.9784
44	LY-1242	Surface	417249.6722	5381498.9784
45	LY-1260	Surface	417429.6722	5381498.9784
46	LY-289	Surface	417479.6722	5381628.9784
47	LY-1666	Surface	417819.6722	5381448.9784
48	LY-1928	Surface	417629.6722	5381348.9784
49	LY-1683	Surface	417289.6722	5381438.9784
50	LY-2232	Surface	417679.6722	5381408.9784
51	LY-111	Surface	417729.6722	5381668.9784
52	LY-1136	Surface	417749.6722	5381518.9784
53	LY-1566	Surface	417529.6722	5381458.9784

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	LY-996	Surface	417139.6722	5381528.9784
55	LY-2811	Surface	417379.6722	5381228.9784
56	LY-70	Surface	417679.6722	5381678.9784
57	LY-832	Surface	417829.6722	5381558.9784
58	LY-2742	Surface	417619.6722	5381248.9784
59	LY-2997	Surface	417469.6722	5381178.9784
60	LY-421	Surface	417489.6722	5381608.9784
61	LY-1111	Reserved (surface only)	417499.6722	5381518.9784
62	LY-1995	Subsurface	417769.6722	5381338.9784
63	LY-2570	Subsurface	417759.6722	5381288.9784
64	LY-801	Reserved (surface only)	417519.6722	5381558.9784
65	LY-238	Reserved (surface only)	417559.6722	5381638.9784
66	LY-1337	Reserved (surface only)	417439.6722	5381488.9784
67	LY-2120	Reserved (surface only)	417389.6722	5381308.9784
68	LY-455	Reserved (surface only)	417829.6722	5381608.9784
69	LY-706	Reserved (surface only)	417339.6722	5381568.9784
70	LY-2491	Reserved (surface only)	417389.6722	5381298.9784
71	LY-1600	Reserved (surface only)	417869.6722	5381458.9784
72	LY-517	Reserved (surface only)	417719.6722	5381598.9784
73	LY-2560	Subsurface	417659.6722	5381288.9784
74	LY-1449	Reserved (surface only)	417819.6722	5381478.9784
75	LY-1823	Reserved (surface only)	417379.6722	5381418.9784
76	LY-2864	Reserved (surface only)	417489.6722	5381218.9784
77	LY-376	Reserved (surface only)	417709.6722	5381618.9784
78	LY-764	Subsurface	417149.6722	5381558.9784
79	LY-190	Reserved (surface only)	417619.6722	5381648.9784
80	LY-3203	Reserved (surface only)	417559.6722	5381088.9784
81	LY-700	Reserved (surface only)	417279.6722	5381568.9784
82	LY-3105	Reserved (surface only)	417579.6722	5381138.9784
83	LY-390	Reserved (surface only)	417849.6722	5381618.9784
84	LY-1361	Subsurface	417689.6722	5381488.9784
85	LY-1026	Reserved (surface only)	417439.6722	5381528.9784
86	LY-2290	Reserved (surface or subsurface)	417649.6722	5381398.9784
87	LY-3200	Reserved (surface only)	417529.6722	5381088.9784
88	LY-2502	Reserved (surface only)	417569.6722	5381298.9784
89	LY-2335	Reserved (surface only)	417509.6722	5381388.9784
90	LY-1298	Reserved (surface only)	417829.6722	5381498.9784
91	LY-1488	Reserved (surface only)	417469.6722	5381468.9784
92	LY-2960	Reserved (surface only)	417709.6722	5381198.9784
93	LY-2788	Reserved (surface only)	417639.6722	5381238.9784
94	LY-1745	Reserved (surface or subsurface)	417249.6722	5381428.9784
95	LY-2053	Reserved (surface or subsurface)	417229.6722	5381318.9784
96	LY-2908	Reserved (surface only)	417519.6722	5381208.9784
97	LY-2106	Reserved (surface or subsurface)	417249.6722	5381308.9784
98	LY-623	Reserved (surface only)	417269.6722	5381578.9784
99	LY-2661	Reserved (surface only)	417719.6722	5381268.9784
100	LY-273	Reserved (surface only)	417319.6722	5381628.9784
101	LY-135	Reserved (surface only)	417549.6722	5381658.9784
102	LY-1014	Reserved (surface only)	417319.6722	5381528.9784
103	LY-2492	Reserved (surface only)	417399.6722	5381298.9784
104	LY-1849	Reserved (surface only)	417309.6722	5381358.9784
105	LY-2878	Reserved (surface only)	417679.6722	5381218.9784
106	LY-667	Reserved (surface or subsurface)	417709.6722	5381578.9784

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	LY-325	Reserved (surface only)	417839.6722	5381628.9784
108	LY-2467	Reserved (surface or subsurface)	417699.6722	5381368.9784
109	LY-3102	Reserved (surface only)	417549.6722	5381138.9784
110	LY-1039	Reserved (surface only)	417569.6722	5381528.9784
111	LY-137	Reserved (surface only)	417569.6722	5381658.9784
112	LY-1050	Reserved (surface or subsurface)	417679.6722	5381528.9784
113	LY-1041	Reserved (surface only)	417589.6722	5381528.9784
114	LY-838	Reserved (surface or subsurface)	417119.6722	5381548.9784
115	LY-1132	Reserved (surface or subsurface)	417709.6722	5381518.9784
116	LY-1003	Reserved (surface or subsurface)	417209.6722	5381528.9784
117	LY-2996	Reserved (surface only)	417459.6722	5381178.9784
118	LY-125	Reserved (surface only)	417869.6722	5381668.9784
119	LY-1675	Reserved (surface or subsurface)	417209.6722	5381438.9784
120	LY-1731	Reserved (surface or subsurface)	417789.6722	5381438.9784
121	LY-1201	Reserved (surface only)	417619.6722	5381508.9784
122	LY-2037	Reserved (surface or subsurface)	417659.6722	5381328.9784
123	LY-756	Reserved (surface only)	417839.6722	5381568.9784
124	LY-676	Reserved (surface only)	417799.6722	5381578.9784
125	LY-160	Reserved (surface only)	417799.6722	5381658.9784
126	LY-2164	Reserved (surface or subsurface)	417619.6722	5381418.9784
127	LY-343	Reserved (surface only)	417379.6722	5381618.9784
128	LY-2852	Reserved (surface only)	417369.6722	5381218.9784
129	LY-1467	Reserved (surface or subsurface)	417249.6722	5381468.9784
130	LY-1728	Reserved (surface or subsurface)	417759.6722	5381438.9784
131	LY-1892	Reserved (surface only)	417809.6722	5381358.9784
132	LY-1628	Reserved (surface only)	417419.6722	5381448.9784
133	LY-2333	Reserved (surface only)	417439.6722	5381388.9784
134	LY-1882	Reserved (surface or subsurface)	417709.6722	5381358.9784
135	LY-492	Reserved (surface only)	417469.6722	5381598.9784
136	LY-2871	Reserved (surface only)	417609.6722	5381218.9784
137	LY-1641	Reserved (surface only)	417569.6722	5381448.9784
138	LY-2135	Reserved (surface or subsurface)	417599.6722	5381308.9784
139	LY-2740	Reserved (surface only)	417599.6722	5381248.9784
140	LY-967	Reserved (surface or subsurface)	417629.6722	5381538.9784
141	LY-146	Reserved (surface only)	417659.6722	5381658.9784
142	LY-2850	Reserved (surface only)	417349.6722	5381218.9784
143	LY-2826	Reserved (surface only)	417579.6722	5381228.9784
144	LY-1288	Reserved (surface or subsurface)	417729.6722	5381498.9784
145	LY-1586	Reserved (surface or subsurface)	417729.6722	5381458.9784
146	LY-2064	Reserved (surface only)	417339.6722	5381318.9784
147	LY-2030	Reserved (surface or subsurface)	417589.6722	5381328.9784
148	LY-1008	Reserved (surface only)	417259.6722	5381528.9784
149	LY-1460	Reserved (surface or subsurface)	417179.6722	5381468.9784
150	LY-2796	Reserved (surface only)	417719.6722	5381238.9784

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	CF-1707	Surface	417130.4533	5380163.8605
2	CF-3004	Surface	417530.4533	5379973.8605
3	CF-1146	Surface	417610.4533	5380253.8605
4	CF-2275	Surface	417250.4533	5379993.8605
5	CF-3476	Surface	417520.4533	5379873.8605
6	CF-1001	Surface	417660.4533	5380273.8605
7	CF-1959	Surface	417660.4533	5380133.8605
8	CF-1230	Surface	417770.4533	5380243.8605
9	CF-3375	Surface	417290.4533	5379893.8605
10	CF-606	Surface	417810.4533	5380323.8605
11	CF-2398	Surface	417640.4533	5380083.8605
12	CF-3096	Surface	417350.4533	5379953.8605
13	CF-525	Surface	417910.4533	5380333.8605
14	CF-1853	Surface	417260.4533	5380143.8605
15	CF-2597	Surface	417680.4533	5380053.8605
16	CF-2972	Surface	417210.4533	5379973.8605
17	CF-406	Surface	417560.4533	5380343.8605
18	CF-832	Surface	417560.4533	5380293.8605
19	CF-3172	Surface	417590.4533	5379943.8605
20	CF-2097	Surface	417690.4533	5380113.8605
21	CF-1439	Surface	417150.4533	5380203.8605
22	CF-3467	Surface	417430.4533	5379873.8605
23	CF-1721	Surface	417270.4533	5380163.8605
24	CF-3171	Surface	417580.4533	5379943.8605
25	CF-1424	Surface	417680.4533	5380213.8605
26	CF-2395	Surface	417610.4533	5380083.8605
27	CF-1643	Surface	417160.4533	5380173.8605
28	CF-2855	Surface	417680.4533	5380013.8605
29	CF-1156	Surface	417710.4533	5380253.8605
30	CF-210	Surface	418040.4533	5380373.8605
31	CF-2975	Surface	417240.4533	5379973.8605
32	CF-346	Surface	417740.4533	5380353.8605
33	CF-1401	Surface	417450.4533	5380213.8605
34	CF-3364	Surface	417610.4533	5379903.8605
35	CF-1731	Surface	417370.4533	5380163.8605
36	CF-3100	Surface	417390.4533	5379953.8605
37	CF-826	Surface	417500.4533	5380293.8605
38	CF-1889	Surface	417620.4533	5380143.8605
39	CF-1552	Surface	417600.4533	5380193.8605
40	CF-3253	Surface	417420.4533	5379923.8605
41	CF-2458	Surface	417590.4533	5380073.8605
42	CF-3041	Surface	417340.4533	5379963.8605
43	CF-3613	Surface	417580.4533	5379833.8605
44	CF-375	Surface	417250.4533	5380343.8605
45	CF-2130	Surface	417340.4533	5380103.8605
46	CF-1566	Surface	417740.4533	5380193.8605
47	CF-1211	Surface	417580.4533	5380243.8605
48	CF-2489	Surface	417250.4533	5380063.8605
49	CF-626	Surface	418020.4533	5380323.8605
50	CF-89	Surface	417560.4533	5380393.8605
51	CF-1861	Surface	417340.4533	5380143.8605
52	CF-1512	Surface	417200.4533	5380193.8605
53	CF-1599	Surface	417390.4533	5380183.8605

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	CF-183	Surface	417460.4533	5380373.8605
55	CF-1051	Surface	417390.4533	5380263.8605
56	CF-2670	Surface	417120.4533	5380033.8605
57	CF-2880	Surface	417290.4533	5380003.8605
58	CF-1972	Surface	417120.4533	5380123.8605
59	CF-2459	Surface	417600.4533	5380073.8605
60	CF-1817	Surface	417560.4533	5380153.8605
61	CF-88	Subsurface	417550.4533	5380393.8605
62	CF-854	Subsurface	417780.4533	5380293.8605
63	CF-1167	Subsurface	417140.4533	5380243.8605
64	CF-1609	Subsurface	417490.4533	5380183.8605
65	CF-2535	Subsurface	417710.4533	5380063.8605
66	CF-365	Reserved (surface or subsurface)	418060.4533	5380353.8605
67	CF-1987	Reserved (surface or subsurface)	417270.4533	5380123.8605
68	CF-2087	Reserved (surface or subsurface)	417590.4533	5380113.8605
69	CF-871	Reserved (surface or subsurface)	417150.4533	5380283.8605
70	CF-3219	Reserved (surface or subsurface)	417560.4533	5379933.8605
71	CF-768	Reserved (surface or subsurface)	417720.4533	5380303.8605
72	CF-3568	Reserved (surface or subsurface)	417430.4533	5379843.8605
73	CF-49	Reserved (surface or subsurface)	418080.4533	5380403.8605
74	CF-3334	Reserved (surface or subsurface)	417310.4533	5379903.8605
75	CF-859	Reserved (surface or subsurface)	417910.4533	5380293.8605
76	CF-2937	Reserved (surface or subsurface)	417440.4533	5379983.8605
77	CF-191	Reserved (surface or subsurface)	417540.4533	5380373.8605
78	CF-1516	Reserved (surface or subsurface)	417240.4533	5380193.8605
79	CF-77	Reserved (surface or subsurface)	417440.4533	5380393.8605
80	CF-2219	Reserved (surface or subsurface)	417550.4533	5380093.8605
81	CF-1159	Reserved (surface or subsurface)	417740.4533	5380253.8605
82	CF-3144	Reserved (surface or subsurface)	417310.4533	5379943.8605
83	CF-1460	Reserved (surface or subsurface)	417360.4533	5380203.8605
84	CF-2931	Reserved (surface or subsurface)	417380.4533	5379983.8605
85	CF-491	Reserved (surface or subsurface)	417570.4533	5380333.8605
86	CF-1660	Reserved (surface or subsurface)	417330.4533	5380173.8605
87	CF-2202	Reserved (surface or subsurface)	417380.4533	5380093.8605
88	CF-1462	Reserved (surface or subsurface)	417380.4533	5380203.8605
89	CF-3616	Reserved (surface or subsurface)	417610.4533	5379833.8605
90	CF-877	Reserved (surface or subsurface)	417210.4533	5380283.8605
91	CF-2439	Reserved (surface or subsurface)	417400.4533	5380073.8605
92	CF-443	Reserved (surface or subsurface)	417980.4533	5380343.8605
93	CF-971	Reserved (surface or subsurface)	417360.4533	5380273.8605
94	CF-374	Reserved (surface or subsurface)	417240.4533	5380343.8605
95	CF-3687	Reserved (surface or subsurface)	417570.4533	5379803.8605
96	CF-2199	Reserved (surface or subsurface)	417350.4533	5380093.8605
97	CF-2849	Reserved (surface or subsurface)	417620.4533	5380013.8605
98	CF-747	Reserved (surface or subsurface)	417510.4533	5380303.8605
99	CF-603	Reserved (surface or subsurface)	417780.4533	5380323.8605
100	CF-3129	Reserved (surface or subsurface)	417680.4533	5379953.8605
101	CF-3255	Reserved (surface or subsurface)	417440.4533	5379923.8605
102	CF-2267	Reserved (surface or subsurface)	417170.4533	5379993.8605
103	CF-206	Reserved (surface or subsurface)	417770.4533	5380373.8605
104	CF-397	Reserved (surface or subsurface)	417470.4533	5380343.8605
105	CF-1470	Reserved (surface or subsurface)	417460.4533	5380203.8605
106	CF-650	Reserved (surface or subsurface)	417360.4533	5380313.8605

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	CF-409	Reserved (surface or subsurface)	417590.4533	5380343.8605
108	CF-3335	Reserved (surface or subsurface)	417320.4533	5379903.8605
109	CF-1920	Reserved (surface or subsurface)	417270.4533	5380133.8605
110	CF-2764	Reserved (surface or subsurface)	417410.4533	5380023.8605
111	CF-3560	Reserved (surface or subsurface)	417670.4533	5379853.8605
112	CF-382	Reserved (surface or subsurface)	417320.4533	5380343.8605
113	CF-3541	Reserved (surface or subsurface)	417480.4533	5379853.8605
114	CF-1598	Reserved (surface or subsurface)	417380.4533	5380183.8605
115	CF-672	Reserved (surface or subsurface)	417580.4533	5380313.8605
116	CF-2685	Reserved (surface or subsurface)	417270.4533	5380033.8605
117	CF-1542	Reserved (surface or subsurface)	417500.4533	5380193.8605
118	CF-1383	Reserved (surface or subsurface)	417270.4533	5380213.8605
119	CF-1966	Reserved (surface or subsurface)	417730.4533	5380133.8605
120	CF-1564	Reserved (surface or subsurface)	417720.4533	5380193.8605
121	CF-1372	Reserved (surface or subsurface)	417160.4533	5380213.8605
122	CF-2076	Reserved (surface or subsurface)	417480.4533	5380113.8605
123	CF-279	Reserved (surface or subsurface)	417800.4533	5380363.8605
124	CF-2637	Reserved (surface or subsurface)	417430.4533	5380043.8605
125	CF-3453	Reserved (surface or subsurface)	417670.4533	5379883.8605
126	CF-3618	Reserved (surface or subsurface)	417630.4533	5379833.8605
127	CF-3551	Reserved (surface or subsurface)	417580.4533	5379853.8605
128	CF-331	Reserved (surface or subsurface)	417590.4533	5380353.8605
129	CF-111	Reserved (surface or subsurface)	417310.4533	5380383.8605
130	CF-3689	Reserved (surface or subsurface)	417590.4533	5379803.8605
131	CF-74	Reserved (surface or subsurface)	417410.4533	5380393.8605
132	CF-2565	Reserved (surface or subsurface)	417360.4533	5380053.8605
133	CF-43	Reserved (surface or subsurface)	417490.4533	5380403.8605
134	CF-101	Reserved (surface or subsurface)	417210.4533	5380383.8605
135	CF-453	Reserved (surface or subsurface)	417190.4533	5380333.8605
136	CF-3319	Reserved (surface or subsurface)	417610.4533	5379913.8605
137	CF-693	Reserved (surface or subsurface)	417790.4533	5380313.8605
138	CF-1738	Reserved (surface or subsurface)	417440.4533	5380163.8605
139	CF-956	Reserved (surface or subsurface)	417210.4533	5380273.8605
140	CF-1681	Reserved (surface or subsurface)	417540.4533	5380173.8605
141	CF-3168	Reserved (surface or subsurface)	417550.4533	5379943.8605
142	CF-2590	Reserved (surface or subsurface)	417610.4533	5380053.8605
143	CF-906	Reserved (surface or subsurface)	417500.4533	5380283.8605
144	CF-2778	Reserved (surface or subsurface)	417550.4533	5380023.8605
145	CF-1747	Reserved (surface or subsurface)	417530.4533	5380163.8605
146	CF-2194	Reserved (surface or subsurface)	417300.4533	5380093.8605
147	CF-1977	Reserved (surface or subsurface)	417170.4533	5380123.8605
148	CF-893	Reserved (surface or subsurface)	417370.4533	5380283.8605
149	CF-614	Reserved (surface or subsurface)	417900.4533	5380323.8605
150	CF-434	Reserved (surface or subsurface)	417840.4533	5380343.8605

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	CR-1544	Surface	418033.5710	5381110.9888
2	CR-2000	Surface	418173.5710	5381010.9888
3	CR-1872	Surface	418153.5710	5381030.9888
4	CR-1007	Surface	418123.5710	5380870.9888
5	CR-2550	Surface	418153.5710	5380830.9888
6	CR-2237	Surface	418153.5710	5380970.9888
7	CR-2629	Surface	418253.5710	5380780.9888
8	CR-286	Surface	417973.5710	5381290.9888
9	CR-733	Surface	418193.5710	5381060.9888
10	CR-1779	Surface	418053.5710	5381070.9888
11	CR-1216	Surface	418083.5710	5381170.9888
12	CR-295	Surface	418063.5710	5381290.9888
13	CR-829	Surface	417943.5710	5381040.9888
14	CR-1796	Surface	418223.5710	5381070.9888
15	CR-923	Surface	418173.5710	5380900.9888
16	CR-2577	Surface	418223.5710	5380820.9888
17	CR-1005	Surface	418103.5710	5380870.9888
18	CR-1992	Surface	418093.5710	5381010.9888
19	CR-1460	Surface	418323.5710	5381130.9888
20	CR-888	Surface	418143.5710	5380910.9888
21	CR-1665	Surface	418093.5710	5381090.9888
22	CR-664	Surface	417863.5710	5381210.9888
23	CR-1493	Surface	418093.5710	5381120.9888
24	CR-66	Surface	418093.5710	5381360.9888
25	CR-1685	Surface	418293.5710	5381090.9888
26	CR-692	Surface	418143.5710	5381210.9888
27	CR-1817	Surface	417833.5710	5381060.9888
28	CR-1195	Surface	417873.5710	5381170.9888
29	CR-602	Surface	418263.5710	5381230.9888
30	CR-316	Surface	418273.5710	5381290.9888
31	CR-1261	Surface	417993.5710	5381160.9888
32	CR-672	Surface	417943.5710	5381210.9888
33	CR-1477	Surface	417933.5710	5381120.9888
34	CR-447	Surface	418193.5710	5381260.9888
35	CR-1204	Surface	417963.5710	5381170.9888
36	CR-479	Surface	418023.5710	5381250.9888
37	CR-1164	Surface	418093.5710	5381180.9888
38	CR-2090	Surface	417813.5710	5380990.9888
39	CR-154	Surface	418113.5710	5381330.9888
40	CR-630	Surface	418033.5710	5381220.9888
41	CR-2432	Surface	417953.5710	5380920.9888
42	CR-1713	Surface	417983.5710	5381080.9888
43	CR-2223	Surface	418013.5710	5380970.9888
44	CR-199	Surface	417913.5710	5381310.9888
45	CR-291	Surface	418023.5710	5381290.9888
46	CR-588	Surface	418123.5710	5381230.9888
47	CR-2449	Surface	418123.5710	5380920.9888
48	CR-1666	Surface	418103.5710	5381090.9888
49	CR-698	Surface	418203.5710	5381210.9888
50	CR-1509	Surface	418253.5710	5381120.9888
51	CR-1897	Surface	417773.5710	5381020.9888
52	CR-36	Surface	417973.5710	5381370.9888
53	CR-266	Surface	418203.5710	5381300.9888

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	CR-887	Surface	418133.5710	5380910.9888
55	CR-2213	Surface	417913.5710	5380970.9888
56	CR-1745	Surface	418303.5710	5381080.9888
57	CR-1046	Surface	417963.5710	5381200.9888
58	CR-47	Surface	418083.5710	5381370.9888
59	CR-918	Surface	418123.5710	5380900.9888
60	CR-1865	Surface	418083.5710	5381030.9888
61	CR-2093	Reserved (surface only)	417843.5710	5380990.9888
62	CR-1306	Reserved (surface only)	417893.5710	5381150.9888
63	CR-494	Subsurface	418173.5710	5381250.9888
64	CR-1682	Subsurface	418263.5710	5381090.9888
65	CR-2348	Reserved (surface only)	417913.5710	5380940.9888
66	CR-2043	Reserved (surface only)	417963.5710	5381000.9888
67	CR-2343	Subsurface	418293.5710	5380950.9888
68	CR-477	Subsurface	418003.5710	5381250.9888
69	CR-1507	Subsurface	418233.5710	5381120.9888
70	CR-49	Reserved (surface only)	417923.5710	5381360.9888
71	CR-1358	Reserved (surface only)	417863.5710	5381140.9888
72	CR-1180	Reserved (surface or subsurface)	418253.5710	5381180.9888
73	CR-1536	Reserved (surface only)	417953.5710	5381110.9888
74	CR-2162	Reserved (surface only)	417953.5710	5380980.9888
75	CR-2329	Reserved (surface only)	418153.5710	5380950.9888
76	CR-817	Reserved (surface only)	417823.5710	5381040.9888
77	CR-928	Reserved (surface only)	418223.5710	5380900.9888
78	CR-1813	Reserved (surface only)	417793.5710	5381060.9888
79	CR-2632	Reserved (surface only)	418283.5710	5380780.9888
80	CR-150	Reserved (surface or subsurface)	418073.5710	5381330.9888
81	CR-205	Reserved (surface or subsurface)	417973.5710	5381310.9888
82	CR-2225	Reserved (surface only)	418033.5710	5380970.9888
83	CR-2027	Reserved (surface only)	417803.5710	5381000.9888
84	CR-742	Reserved (surface or subsurface)	418283.5710	5381060.9888
85	CR-143	Reserved (surface or subsurface)	418003.5710	5381330.9888
86	CR-578	Reserved (surface or subsurface)	418023.5710	5381230.9888
87	CR-2516	Reserved (surface only)	418263.5710	5380850.9888
88	CR-28	Reserved (surface only)	418043.5710	5381380.9888
89	CR-655	Reserved (surface or subsurface)	418283.5710	5381220.9888
90	CR-1945	Reserved (surface or subsurface)	418253.5710	5381020.9888
91	CR-979	Reserved (surface only)	418133.5710	5380880.9888
92	CR-306	Reserved (surface or subsurface)	418173.5710	5381290.9888
93	CR-329	Reserved (surface or subsurface)	417953.5710	5381280.9888
94	CR-2121	Reserved (surface only)	418123.5710	5380990.9888
95	CR-907	Reserved (surface only)	418013.5710	5380900.9888
96	CR-2459	Reserved (surface only)	418223.5710	5380920.9888
97	CR-1922	Reserved (surface only)	418023.5710	5381020.9888
98	CR-248	Reserved (surface or subsurface)	418023.5710	5381300.9888
99	CR-1080	Reserved (surface or subsurface)	418303.5710	5381200.9888
100	CR-424	Reserved (surface or subsurface)	417963.5710	5381260.9888
101	CR-29	Reserved (surface only)	418053.5710	5381380.9888
102	CR-1496	Reserved (surface or subsurface)	418123.5710	5381120.9888
103	CR-707	Reserved (surface or subsurface)	418293.5710	5381210.9888
104	CR-34	Reserved (surface only)	417953.5710	5381370.9888
105	CR-1103	Reserved (surface or subsurface)	418013.5710	5381190.9888
106	CR-1891	Reserved (surface or subsurface)	418343.5710	5381030.9888

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	CR-2609	Reserved (surface only)	418273.5710	5380800.9888
108	CR-1569	Reserved (surface or subsurface)	418283.5710	5381110.9888
109	CR-1827	Reserved (surface only)	417933.5710	5381060.9888
110	CR-259	Reserved (surface or subsurface)	418133.5710	5381300.9888
111	CR-1231	Reserved (surface or subsurface)	418233.5710	5381170.9888
112	CR-1424	Reserved (surface only)	417963.5710	5381130.9888
113	CR-2588	Reserved (surface only)	418183.5710	5380810.9888
114	CR-258	Reserved (surface or subsurface)	418123.5710	5381300.9888
115	CR-294	Reserved (surface or subsurface)	418053.5710	5381290.9888
116	CR-2423	Reserved (surface only)	418253.5710	5380930.9888
117	CR-394	Reserved (surface or subsurface)	418133.5710	5381270.9888
118	CR-2475	Reserved (surface only)	418013.5710	5380910.9888
119	CR-2163	Reserved (surface only)	417963.5710	5380980.9888
120	CR-963	Reserved (surface only)	418273.5710	5380890.9888
121	CR-938	Reserved (surface only)	418023.5710	5380890.9888
122	CR-2498	Reserved (surface only)	418083.5710	5380850.9888
123	CR-432	Reserved (surface or subsurface)	418043.5710	5381260.9888
124	CR-1237	Reserved (surface or subsurface)	418293.5710	5381170.9888
125	CR-2335	Reserved (surface only)	418213.5710	5380950.9888
126	CR-202	Reserved (surface or subsurface)	417943.5710	5381310.9888
127	CR-2246	Reserved (surface or subsurface)	418243.5710	5380970.9888
128	CR-1111	Reserved (surface or subsurface)	418093.5710	5381190.9888
129	CR-616	Reserved (surface only)	417893.5710	5381220.9888
130	CR-1763	Reserved (surface only)	417893.5710	5381070.9888
131	CR-1126	Reserved (surface or subsurface)	418243.5710	5381190.9888
132	CR-2377	Reserved (surface only)	418203.5710	5380940.9888
133	CR-1112	Reserved (surface or subsurface)	418103.5710	5381190.9888
134	CR-1225	Reserved (surface or subsurface)	418173.5710	5381170.9888
135	CR-586	Reserved (surface or subsurface)	418103.5710	5381230.9888
136	CR-581	Reserved (surface or subsurface)	418053.5710	5381230.9888
137	CR-1537	Reserved (surface only)	417963.5710	5381110.9888
138	CR-2300	Reserved (surface or subsurface)	418303.5710	5380960.9888
139	CR-1501	Reserved (surface or subsurface)	418173.5710	5381120.9888
140	CR-1871	Reserved (surface only)	418143.5710	5381030.9888
141	CR-2078	Reserved (surface or subsurface)	418313.5710	5381000.9888
142	CR-1303	Reserved (surface only)	417863.5710	5381150.9888
143	CR-628	Reserved (surface or subsurface)	418013.5710	5381220.9888
144	CR-942	Reserved (surface only)	418063.5710	5380890.9888
145	CR-339	Reserved (surface or subsurface)	418053.5710	5381280.9888
146	CR-2298	Reserved (surface or subsurface)	418283.5710	5380960.9888
147	CR-405	Reserved (surface or subsurface)	418243.5710	5381270.9888
148	CR-1866	Reserved (surface only)	418093.5710	5381030.9888
149	CR-92	Reserved (surface or subsurface)	418083.5710	5381350.9888
150	CR-1374	Reserved (surface or subsurface)	418023.5710	5381140.9888

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	BB-1164	Surface	414960.3594	5374111.5491
2	BB-921	Surface	415300.3594	5374191.5491
3	BB-109	Surface	415100.3594	5374411.5491
4	BB-407	Surface	415280.3594	5374311.5491
5	BB-1024	Surface	415130.3594	5374161.5491
6	BB-479	Surface	415200.3594	5374291.5491
7	BB-1436	Surface	414970.3594	5373981.5491
8	BB-1249	Surface	415080.3594	5374081.5491
9	BB-695	Surface	415230.3594	5374241.5491
10	BB-1159	Surface	415180.3594	5374121.5491
11	BB-664	Surface	415350.3594	5374251.5491
12	BB-101	Surface	415200.3594	5374421.5491
13	BB-71	Surface	415190.3594	5374441.5491
14	BB-792	Surface	415320.3594	5374221.5491
15	BB-1456	Surface	414980.3594	5373971.5491
16	BB-528	Surface	415270.3594	5374281.5491
17	BB-1139	Surface	414980.3594	5374121.5491
18	BB-1279	Surface	415160.3594	5374071.5491
19	BB-1143	Surface	415020.3594	5374121.5491
20	BB-1346	Surface	415020.3594	5374031.5491
21	BB-876	Surface	415280.3594	5374201.5491
22	BB-296	Surface	415200.3594	5374341.5491
23	BB-867	Surface	415190.3594	5374201.5491
24	BB-348	Surface	415050.3594	5374321.5491
25	BB-814	Surface	415100.3594	5374211.5491
26	BB-1129	Surface	415170.3594	5374131.5491
27	BB-1237	Surface	414960.3594	5374081.5491
28	BB-1366	Surface	415030.3594	5374021.5491
29	BB-660	Surface	415310.3594	5374251.5491
30	BB-662	Surface	415330.3594	5374251.5491
31	BB-1326	Surface	415020.3594	5374041.5491
32	BB-952	Surface	415190.3594	5374181.5491
33	BB-1212	Surface	415180.3594	5374101.5491
34	BB-1432	Surface	415120.3594	5373991.5491
35	BB-1025	Surface	415140.3594	5374161.5491
36	BB-639	Surface	415100.3594	5374251.5491
37	BB-189	Surface	415260.3594	5374381.5491
38	BB-351	Surface	415080.3594	5374321.5491
39	BB-788	Surface	415280.3594	5374221.5491
40	BB-295	Surface	415190.3594	5374341.5491
41	BB-328	Surface	415200.3594	5374331.5491
42	BB-47	Surface	415180.3594	5374461.5491
43	BB-255	Surface	415100.3594	5374351.5491
44	BB-715	Surface	414990.3594	5374231.5491
45	BB-57	Surface	415170.3594	5374451.5491
46	BB-1266	Surface	415030.3594	5374071.5491
47	BB-220	Surface	415320.3594	5374371.5491
48	BB-706	Surface	415340.3594	5374241.5491
49	BB-813	Surface	415090.3594	5374211.5491
50	BB-142	Surface	415230.3594	5374401.5491
51	BB-532	Surface	415310.3594	5374281.5491
52	BB-442	Surface	415240.3594	5374301.5491
53	BB-1443	Surface	415040.3594	5373981.5491

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	BB-606	Surface	415190.3594	5374261.5491
55	BB-1324	Surface	415000.3594	5374041.5491
56	BB-734	Surface	415180.3594	5374231.5491
57	BB-335	Surface	415270.3594	5374331.5491
58	BB-550	Surface	415060.3594	5374271.5491
59	BB-160	Surface	415200.3594	5374391.5491
60	BB-1210	Surface	415160.3594	5374101.5491
61	BB-919	Subsurface	415280.3594	5374191.5491
62	BB-515	Subsurface	415140.3594	5374281.5491
63	BB-1403	Subsurface	415020.3594	5374001.5491
64	BB-345	Subsurface	415370.3594	5374331.5491
65	BB-1217	Subsurface	414990.3594	5374091.5491
66	BB-972	Reserved (surface or subsurface)	414990.3594	5374171.5491
67	BB-795	Reserved (surface or subsurface)	415350.3594	5374221.5491
68	BB-273	Reserved (surface or subsurface)	415280.3594	5374351.5491
69	BB-80	Reserved (surface or subsurface)	415150.3594	5374431.5491
70	BB-1391	Reserved (surface or subsurface)	415090.3594	5374011.5491
71	BB-1478	Reserved (surface or subsurface)	415100.3594	5373961.5491
72	BB-178	Reserved (surface or subsurface)	415150.3594	5374381.5491
73	BB-811	Reserved (surface or subsurface)	415070.3594	5374211.5491
74	BB-1209	Reserved (surface or subsurface)	415150.3594	5374101.5491
75	BB-786	Reserved (surface or subsurface)	415260.3594	5374221.5491
76	BB-363	Reserved (surface or subsurface)	415200.3594	5374321.5491
77	BB-364	Reserved (surface or subsurface)	415210.3594	5374321.5491
78	BB-1151	Reserved (surface or subsurface)	415100.3594	5374121.5491
79	BB-1106	Reserved (surface or subsurface)	415260.3594	5374141.5491
80	BB-801	Reserved (surface or subsurface)	415410.3594	5374221.5491
81	BB-1108	Reserved (surface or subsurface)	414960.3594	5374131.5491
82	BB-460	Reserved (surface or subsurface)	415420.3594	5374301.5491
83	BB-366	Reserved (surface or subsurface)	415230.3594	5374321.5491
84	BB-59	Reserved (surface or subsurface)	415190.3594	5374451.5491
85	BB-810	Reserved (surface or subsurface)	415060.3594	5374211.5491
86	BB-440	Reserved (surface or subsurface)	415220.3594	5374301.5491
87	BB-630	Reserved (surface or subsurface)	415010.3594	5374251.5491
88	BB-490	Reserved (surface or subsurface)	415310.3594	5374291.5491
89	BB-628	Reserved (surface or subsurface)	415410.3594	5374261.5491
90	BB-978	Reserved (surface or subsurface)	415050.3594	5374171.5491
91	BB-881	Reserved (surface or subsurface)	415330.3594	5374201.5491
92	BB-482	Reserved (surface or subsurface)	415230.3594	5374291.5491
93	BB-309	Reserved (surface or subsurface)	415330.3594	5374341.5491
94	BB-362	Reserved (surface or subsurface)	415190.3594	5374321.5491
95	BB-392	Reserved (surface or subsurface)	415130.3594	5374311.5491
96	BB-416	Reserved (surface or subsurface)	415370.3594	5374311.5491
97	BB-1040	Reserved (surface or subsurface)	415290.3594	5374161.5491
98	BB-1435	Reserved (surface or subsurface)	414960.3594	5373981.5491
99	BB-1118	Reserved (surface or subsurface)	415060.3594	5374131.5491
100	BB-78	Reserved (surface or subsurface)	415130.3594	5374431.5491
101	BB-1297	Reserved (surface or subsurface)	415130.3594	5374061.5491
102	BB-301	Reserved (surface or subsurface)	415250.3594	5374341.5491
103	BB-19	Reserved (surface or subsurface)	415140.3594	5374491.5491
104	BB-936	Reserved (surface or subsurface)	415030.3594	5374181.5491
105	BB-519	Reserved (surface or subsurface)	415180.3594	5374281.5491
106	BB-633	Reserved (surface or subsurface)	415040.3594	5374251.5491

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	BB-1013	Reserved (surface or subsurface)	415020.3594	5374161.5491
108	BB-1305	Reserved (surface or subsurface)	415010.3594	5374051.5491
109	BB-105	Reserved (surface or subsurface)	415240.3594	5374421.5491
110	BB-135	Reserved (surface or subsurface)	415160.3594	5374401.5491
111	BB-661	Reserved (surface or subsurface)	415320.3594	5374251.5491
112	BB-859	Reserved (surface or subsurface)	415110.3594	5374201.5491
113	BB-421	Reserved (surface or subsurface)	415030.3594	5374301.5491
114	BB-1174	Reserved (surface or subsurface)	415060.3594	5374111.5491
115	BB-873	Reserved (surface or subsurface)	415250.3594	5374201.5491
116	BB-990	Reserved (surface or subsurface)	415170.3594	5374171.5491
117	BB-1063	Reserved (surface or subsurface)	415160.3594	5374151.5491
118	BB-948	Reserved (surface or subsurface)	415150.3594	5374181.5491
119	BB-1246	Reserved (surface or subsurface)	415050.3594	5374081.5491
120	BB-1145	Reserved (surface or subsurface)	415040.3594	5374121.5491
121	BB-82	Reserved (surface or subsurface)	415170.3594	5374431.5491
122	BB-1343	Reserved (surface or subsurface)	414990.3594	5374031.5491
123	BB-665	Reserved (surface or subsurface)	415360.3594	5374251.5491
124	BB-1445	Reserved (surface or subsurface)	415060.3594	5373981.5491
125	BB-926	Reserved (surface or subsurface)	415350.3594	5374191.5491
126	BB-1358	Reserved (surface or subsurface)	415140.3594	5374031.5491
127	BB-738	Reserved (surface or subsurface)	415220.3594	5374231.5491
128	BB-1206	Reserved (surface or subsurface)	415120.3594	5374101.5491
129	BB-534	Reserved (surface or subsurface)	415330.3594	5374281.5491
130	BB-272	Reserved (surface or subsurface)	415270.3594	5374351.5491
131	BB-752	Reserved (surface or subsurface)	415360.3594	5374231.5491
132	BB-845	Reserved (surface or subsurface)	415410.3594	5374211.5491
133	BB-1476	Reserved (surface or subsurface)	415080.3594	5373961.5491
134	BB-1213	Reserved (surface or subsurface)	415190.3594	5374101.5491
135	BB-349	Reserved (surface or subsurface)	415060.3594	5374321.5491
136	BB-1124	Reserved (surface or subsurface)	415120.3594	5374131.5491
137	BB-783	Reserved (surface or subsurface)	415230.3594	5374221.5491
138	BB-196	Reserved (surface or subsurface)	415080.3594	5374371.5491
139	BB-1155	Reserved (surface or subsurface)	415140.3594	5374121.5491
140	BB-1370	Reserved (surface or subsurface)	415070.3594	5374021.5491
141	BB-1371	Reserved (surface or subsurface)	415080.3594	5374021.5491
142	BB-840	Reserved (surface or subsurface)	415360.3594	5374211.5491
143	BB-1312	Reserved (surface or subsurface)	415080.3594	5374051.5491
144	BB-915	Reserved (surface or subsurface)	415240.3594	5374191.5491
145	BB-68	Reserved (surface or subsurface)	415160.3594	5374441.5491
146	BB-1207	Reserved (surface or subsurface)	415130.3594	5374101.5491
147	BB-794	Reserved (surface or subsurface)	415340.3594	5374221.5491
148	BB-1045	Reserved (surface or subsurface)	414980.3594	5374151.5491
149	BB-1319	Reserved (surface or subsurface)	415150.3594	5374051.5491
150	BB-317	Reserved (surface or subsurface)	415090.3594	5374331.5491

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	BC-482	Surface	409884.2722	5367188.6514
2	BC-1759	Surface	409634.2722	5366858.6514
3	BC-3511	Surface	410064.2722	5366578.6514
4	BC-2858	Surface	410224.2722	5366448.6514
5	BC-462	Surface	409664.2722	5367188.6514
6	BC-978	Surface	409854.2722	5367038.6514
7	BC-807	Surface	409954.2722	5367088.6514
8	BC-1257	Surface	409684.2722	5366968.6514
9	BC-908	Surface	409914.2722	5367058.6514
10	BC-851	Surface	409634.2722	5367068.6514
11	BC-2981	Surface	409964.2722	5366698.6514
12	BC-3417	Surface	409884.2722	5366598.6514
13	BC-4064	Surface	410284.2722	5366328.6514
14	BC-2465	Surface	409824.2722	5366718.6514
15	BC-551	Surface	409934.2722	5367168.6514
16	BC-209	Surface	409794.2722	5367278.6514
17	BC-3001	Surface	410164.2722	5366698.6514
18	BC-4195	Surface	410214.2722	5366278.6514
19	BC-836	Surface	409914.2722	5367078.6514
20	BC-1316	Surface	409844.2722	5366958.6514
21	BC-3553	Surface	410114.2722	5366568.6514
22	BC-683	Surface	409604.2722	5367118.6514
23	BC-715	Surface	409594.2722	5367108.6514
24	BC-135	Surface	409804.2722	5367308.6514
25	BC-4134	Surface	410104.2722	5366298.6514
26	BC-208	Surface	409784.2722	5367278.6514
27	BC-3727	Surface	409964.2722	5366408.6514
28	BC-385	Surface	409854.2722	5367218.6514
29	BC-2555	Surface	409704.2722	5366698.6514
30	BC-4214	Surface	410184.2722	5366268.6514
31	BC-3654	Surface	410084.2722	5366538.6514
32	BC-446	Surface	409844.2722	5367198.6514
33	BC-3917	Surface	410234.2722	5366368.6514
34	BC-891	Surface	409744.2722	5367058.6514
35	BC-3775	Surface	410024.2722	5366398.6514
36	BC-486	Surface	409924.2722	5367188.6514
37	BC-3677	Surface	409974.2722	5366528.6514
38	BC-3057	Surface	409754.2722	5366678.6514
39	BC-2609	Surface	410304.2722	5366518.6514
40	BC-1970	Surface	409844.2722	5366818.6514
41	BC-2025	Surface	409914.2722	5366808.6514
42	BC-725	Surface	409784.2722	5367108.6514
43	BC-2362	Surface	409794.2722	5366738.6514
44	BC-3957	Surface	410254.2722	5366358.6514
45	BC-2044	Surface	410104.2722	5366808.6514
46	BC-1079	Surface	409594.2722	5367008.6514
47	BC-1162	Surface	409604.2722	5366988.6514
48	BC-466	Surface	409724.2722	5367188.6514
49	BC-349	Surface	409794.2722	5367228.6514
50	BC-498	Surface	409724.2722	5367178.6514
51	BC-3632	Surface	409864.2722	5366538.6514
52	BC-528	Surface	409654.2722	5367168.6514
53	BC-389	Surface	409894.2722	5367218.6514

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	BC-832	Surface	409874.2722	5367078.6514
55	BC-2394	Surface	410114.2722	5366738.6514
56	BC-1773	Surface	409774.2722	5366858.6514
57	BC-881	Surface	409574.2722	5367058.6514
58	BC-789	Surface	409774.2722	5367088.6514
59	BC-3701	Surface	410174.2722	5366418.6514
60	BC-4016	Surface	410134.2722	5366338.6514
61	BC-2617	Subsurface	409884.2722	5366508.6514
62	BC-1448	Subsurface	409834.2722	5366928.6514
63	BC-2463	Subsurface	409804.2722	5366718.6514
64	BC-2314	Subsurface	409814.2722	5366748.6514
65	BC-3459	Subsurface	409914.2722	5366588.6514
66	BC-4121	Reserved (surface or subsurface)	410254.2722	5366308.6514
67	BC-1450	Reserved (surface or subsurface)	409854.2722	5366928.6514
68	BC-2668	Reserved (surface or subsurface)	410074.2722	5366498.6514
69	BC-2953	Reserved (surface or subsurface)	410334.2722	5366428.6514
70	BC-759	Reserved (surface or subsurface)	409804.2722	5367098.6514
71	BC-1366	Reserved (surface or subsurface)	409914.2722	5366948.6514
72	BC-4281	Reserved (surface or subsurface)	410144.2722	5366228.6514
73	BC-3738	Reserved (surface or subsurface)	410074.2722	5366408.6514
74	BC-4193	Reserved (surface or subsurface)	410194.2722	5366278.6514
75	BC-668	Reserved (surface or subsurface)	409854.2722	5367128.6514
76	BC-170	Reserved (surface or subsurface)	409664.2722	5367288.6514
77	BC-1121	Reserved (surface or subsurface)	409604.2722	5366998.6514
78	BC-1820	Reserved (surface or subsurface)	409764.2722	5366848.6514
79	BC-770	Reserved (surface or subsurface)	409914.2722	5367098.6514
80	BC-464	Reserved (surface or subsurface)	409684.2722	5367188.6514
81	BC-3874	Reserved (surface or subsurface)	410194.2722	5366378.6514
82	BC-984	Reserved (surface or subsurface)	409914.2722	5367038.6514
83	BC-3626	Reserved (surface or subsurface)	410314.2722	5366548.6514
84	BC-580	Reserved (surface or subsurface)	409914.2722	5367158.6514
85	BC-103	Reserved (surface or subsurface)	409704.2722	5367318.6514
86	BC-2060	Reserved (surface or subsurface)	409754.2722	5366798.6514
87	BC-1898	Reserved (surface or subsurface)	409594.2722	5366828.6514
88	BC-2369	Reserved (surface or subsurface)	409864.2722	5366738.6514
89	BC-1798	Reserved (surface or subsurface)	410024.2722	5366858.6514
90	BC-2868	Reserved (surface or subsurface)	410324.2722	5366448.6514
91	BC-231	Reserved (surface or subsurface)	409754.2722	5367268.6514
92	BC-1772	Reserved (surface or subsurface)	409764.2722	5366858.6514
93	BC-4101	Reserved (surface or subsurface)	410054.2722	5366308.6514
94	BC-4106	Reserved (surface or subsurface)	410104.2722	5366308.6514
95	BC-3309	Reserved (surface or subsurface)	410034.2722	5366628.6514
96	BC-3444	Reserved (surface or subsurface)	410284.2722	5366598.6514
97	BC-1956	Reserved (surface or subsurface)	409704.2722	5366818.6514
98	BC-2954	Reserved (surface or subsurface)	410344.2722	5366428.6514
99	BC-424	Reserved (surface or subsurface)	409944.2722	5367208.6514
100	BC-1979	Reserved (surface or subsurface)	409934.2722	5366818.6514
101	BC-3280	Reserved (surface or subsurface)	410264.2722	5366638.6514
102	BC-690	Reserved (surface or subsurface)	409754.2722	5367118.6514
103	BC-3130	Reserved (surface or subsurface)	410024.2722	5366668.6514
104	BC-2925	Reserved (surface or subsurface)	410004.2722	5366428.6514
105	BC-245	Reserved (surface or subsurface)	409894.2722	5367268.6514
106	BC-2759	Reserved (surface or subsurface)	409924.2722	5366468.6514

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	BC-1813	Reserved (surface or subsurface)	409694.2722	5366848.6514
108	BC-1928	Reserved (surface or subsurface)	409894.2722	5366828.6514
109	BC-1951	Reserved (surface or subsurface)	409654.2722	5366818.6514
110	BC-2664	Reserved (surface or subsurface)	410034.2722	5366498.6514
111	BC-1146	Reserved (surface or subsurface)	409884.2722	5366998.6514
112	BC-3581	Reserved (surface or subsurface)	410044.2722	5366558.6514
113	BC-3439	Reserved (surface or subsurface)	410104.2722	5366598.6514
114	BC-1444	Reserved (surface or subsurface)	409794.2722	5366928.6514
115	BC-419	Reserved (surface or subsurface)	409894.2722	5367208.6514
116	BC-2688	Reserved (surface or subsurface)	409934.2722	5366488.6514
117	BC-3377	Reserved (surface or subsurface)	409884.2722	5366608.6514
118	BC-2342	Reserved (surface or subsurface)	410094.2722	5366748.6514
119	BC-981	Reserved (surface or subsurface)	409884.2722	5367038.6514
120	BC-995	Reserved (surface or subsurface)	409574.2722	5367028.6514
121	BC-1092	Reserved (surface or subsurface)	409764.2722	5367008.6514
122	BC-2271	Reserved (surface or subsurface)	409884.2722	5366758.6514
123	BC-1568	Reserved (surface or subsurface)	409644.2722	5366898.6514
124	BC-3498	Reserved (surface or subsurface)	409934.2722	5366578.6514
125	BC-3369	Reserved (surface or subsurface)	409804.2722	5366608.6514
126	BC-1553	Reserved (surface or subsurface)	409964.2722	5366908.6514
127	BC-3641	Reserved (surface or subsurface)	409954.2722	5366538.6514
128	BC-2911	Reserved (surface or subsurface)	410344.2722	5366438.6514
129	BC-2225	Reserved (surface or subsurface)	409914.2722	5366768.6514
130	BC-1847	Reserved (surface or subsurface)	410034.2722	5366848.6514
131	BC-319	Reserved (surface or subsurface)	409794.2722	5367238.6514
132	BC-3945	Reserved (surface or subsurface)	410134.2722	5366358.6514
133	BC-1032	Reserved (surface or subsurface)	409994.2722	5367028.6514
134	BC-829	Reserved (surface or subsurface)	409844.2722	5367078.6514
135	BC-1046	Reserved (surface or subsurface)	409724.2722	5367018.6514
136	BC-1291	Reserved (surface or subsurface)	410024.2722	5366968.6514
137	BC-3032	Reserved (surface or subsurface)	409974.2722	5366688.6514
138	BC-879	Reserved (surface or subsurface)	409994.2722	5367068.6514
139	BC-1071	Reserved (surface or subsurface)	409974.2722	5367018.6514
140	BC-1786	Reserved (surface or subsurface)	409904.2722	5366858.6514
141	BC-909	Reserved (surface or subsurface)	409924.2722	5367058.6514
142	BC-1599	Reserved (surface or subsurface)	409954.2722	5366898.6514
143	BC-4024	Reserved (surface or subsurface)	410214.2722	5366338.6514
144	BC-229	Reserved (surface or subsurface)	409734.2722	5367268.6514
145	BC-1896	Reserved (surface or subsurface)	410044.2722	5366838.6514
146	BC-2037	Reserved (surface or subsurface)	410034.2722	5366808.6514
147	BC-2251	Reserved (surface or subsurface)	409684.2722	5366758.6514
148	BC-3747	Reserved (surface or subsurface)	410194.2722	5366408.6514
149	BC-2245	Reserved (surface or subsurface)	410114.2722	5366768.6514
150	BC-3985	Reserved (surface or subsurface)	410174.2722	5366348.6514

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	AA-7	Surface	414669.7850	5345266.5364
2	AA-243	Surface	414569.7850	5345096.5364
3	AA-3	Surface	414659.7850	5345276.5364
4	AA-115	Surface	414469.7850	5345166.5364
5	AA-190	Surface	414569.7850	5345126.5364
6	AA-33	Surface	414709.7850	5345236.5364
7	AA-44	Surface	414459.7850	5345216.5364
8	AA-231	Surface	414609.7850	5345106.5364
9	AA-217	Surface	414469.7850	5345106.5364
10	AA-226	Surface	414559.7850	5345106.5364
11	AA-30	Surface	414679.7850	5345236.5364
12	AA-287	Surface	414539.7850	5345046.5364
13	AA-83	Surface	414469.7850	5345186.5364
14	AA-295	Surface	414529.7850	5345026.5364
15	AA-266	Surface	414549.7850	5345076.5364
16	AA-303	Surface	414559.7850	5345016.5364
17	AA-233	Surface	414469.7850	5345096.5364
18	AA-297	Surface	414549.7850	5345026.5364
19	AA-262	Surface	414509.7850	5345076.5364
20	AA-43	Surface	414449.7850	5345216.5364
21	AA-256	Surface	414559.7850	5345086.5364
22	AA-275	Surface	414549.7850	5345066.5364
23	AA-244	Surface	414579.7850	5345096.5364
24	AA-82	Surface	414459.7850	5345186.5364
25	AA-246	Surface	414599.7850	5345096.5364
26	AA-56	Surface	414459.7850	5345206.5364
27	AA-112	Surface	414439.7850	5345166.5364
28	AA-16	Surface	414699.7850	5345256.5364
29	AA-300	Surface	414579.7850	5345026.5364
30	AA-102	Surface	414499.7850	5345176.5364
31	AA-111	Surface	414429.7850	5345166.5364
32	AA-13	Surface	414669.7850	5345256.5364
33	AA-87	Surface	414509.7850	5345186.5364
34	AA-183	Surface	414499.7850	5345126.5364
35	AA-301	Surface	414589.7850	5345026.5364
36	AA-167	Surface	414539.7850	5345136.5364
37	AA-153	Surface	414629.7850	5345146.5364
38	AA-80	Surface	414439.7850	5345186.5364
39	AA-72	Surface	414649.7850	5345196.5364
40	AA-271	Surface	414509.7850	5345066.5364
41	AA-26	Surface	414639.7850	5345236.5364
42	AA-12	Surface	414659.7850	5345256.5364
43	AA-78	Surface	414419.7850	5345186.5364
44	AA-285	Surface	414519.7850	5345046.5364
45	AA-313	Surface	414579.7850	5345006.5364
46	AA-216	Surface	414459.7850	5345106.5364
47	AA-264	Surface	414529.7850	5345076.5364
48	AA-284	Surface	414509.7850	5345046.5364
49	AA-317	Surface	414619.7850	5345006.5364
50	AA-267	Surface	414559.7850	5345076.5364
51	AA-17	Surface	414709.7850	5345256.5364
52	AA-133	Surface	414499.7850	5345156.5364
53	AA-322	Surface	414599.7850	5344996.5364

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	AA-70	Surface	414479.7850	5345196.5364
55	AA-255	Surface	414549.7850	5345086.5364
56	AA-199	Surface	414469.7850	5345116.5364
57	AA-19	Surface	414649.7850	5345246.5364
58	AA-6	Surface	414659.7850	5345266.5364
59	AA-189	Surface	414559.7850	5345126.5364
60	AA-276	Surface	414559.7850	5345066.5364
61	AA-272	Subsurface	414519.7850	5345066.5364
62	AA-170	Subsurface	414579.7850	5345136.5364
63	AA-200	Subsurface	414479.7850	5345116.5364
64	AA-85	Subsurface	414489.7850	5345186.5364
65	AA-123	Subsurface	414659.7850	5345166.5364
66	AA-10	Reserved (surface or subsurface)	414639.7850	5345256.5364
67	AA-54	Reserved (surface or subsurface)	414439.7850	5345206.5364
68	AA-298	Reserved (surface or subsurface)	414559.7850	5345026.5364
69	AA-309	Reserved (surface or subsurface)	414619.7850	5345016.5364
70	AA-293	Reserved (surface or subsurface)	414549.7850	5345036.5364
71	AA-5	Reserved (surface or subsurface)	414649.7850	5345266.5364
72	AA-36	Reserved (surface or subsurface)	414649.7850	5345226.5364
73	AA-118	Reserved (surface or subsurface)	414499.7850	5345166.5364
74	AA-37	Reserved (surface or subsurface)	414659.7850	5345226.5364
75	AA-164	Reserved (surface or subsurface)	414509.7850	5345136.5364
76	AA-230	Reserved (surface or subsurface)	414599.7850	5345106.5364
77	AA-113	Reserved (surface or subsurface)	414449.7850	5345166.5364
78	AA-211	Reserved (surface or subsurface)	414589.7850	5345116.5364
79	AA-144	Reserved (surface or subsurface)	414459.7850	5345146.5364
80	AA-76	Reserved (surface or subsurface)	414689.7850	5345196.5364
81	AA-98	Reserved (surface or subsurface)	414459.7850	5345176.5364
82	AA-248	Reserved (surface or subsurface)	414479.7850	5345086.5364
83	AA-149	Reserved (surface or subsurface)	414509.7850	5345146.5364
84	AA-139	Reserved (surface or subsurface)	414659.7850	5345156.5364
85	AA-69	Reserved (surface or subsurface)	414469.7850	5345196.5364
86	AA-236	Reserved (surface or subsurface)	414499.7850	5345096.5364
87	AA-203	Reserved (surface or subsurface)	414509.7850	5345116.5364
88	AA-296	Reserved (surface or subsurface)	414539.7850	5345026.5364
89	AA-290	Reserved (surface or subsurface)	414519.7850	5345036.5364
90	AA-154	Reserved (surface or subsurface)	414639.7850	5345146.5364
91	AA-103	Reserved (surface or subsurface)	414509.7850	5345176.5364
92	AA-169	Reserved (surface or subsurface)	414569.7850	5345136.5364
93	AA-132	Reserved (surface or subsurface)	414489.7850	5345156.5364
94	AA-41	Reserved (surface or subsurface)	414699.7850	5345226.5364
95	AA-46	Reserved (surface or subsurface)	414639.7850	5345216.5364
96	AA-42	Reserved (surface or subsurface)	414709.7850	5345226.5364
97	AA-241	Reserved (surface or subsurface)	414549.7850	5345096.5364
98	AA-299	Reserved (surface or subsurface)	414569.7850	5345026.5364
99	AA-134	Reserved (surface or subsurface)	414509.7850	5345156.5364
100	AA-180	Reserved (surface or subsurface)	414469.7850	5345126.5364
101	AA-289	Reserved (surface or subsurface)	414559.7850	5345046.5364
102	AA-122	Reserved (surface or subsurface)	414649.7850	5345166.5364
103	AA-214	Reserved (surface or subsurface)	414619.7850	5345116.5364
104	AA-4	Reserved (surface or subsurface)	414639.7850	5345266.5364
105	AA-279	Reserved (surface or subsurface)	414519.7850	5345056.5364
106	AA-202	Reserved (surface or subsurface)	414499.7850	5345116.5364

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	AA-182	Reserved (surface or subsurface)	414489.7850	5345126.5364
108	AA-156	Reserved (surface or subsurface)	414659.7850	5345146.5364
109	AA-99	Reserved (surface or subsurface)	414469.7850	5345176.5364
110	AA-55	Reserved (surface or subsurface)	414449.7850	5345206.5364
111	AA-268	Reserved (surface or subsurface)	414569.7850	5345076.5364
112	AA-160	Reserved (surface or subsurface)	414469.7850	5345136.5364
113	AA-32	Reserved (surface or subsurface)	414699.7850	5345236.5364
114	AA-173	Reserved (surface or subsurface)	414609.7850	5345136.5364
115	AA-221	Reserved (surface or subsurface)	414509.7850	5345106.5364
116	AA-68	Reserved (surface or subsurface)	414459.7850	5345196.5364
117	AA-125	Reserved (surface or subsurface)	414679.7850	5345166.5364
118	AA-224	Reserved (surface or subsurface)	414539.7850	5345106.5364
119	AA-136	Reserved (surface or subsurface)	414529.7850	5345156.5364
120	AA-197	Reserved (surface or subsurface)	414639.7850	5345126.5364
121	AA-222	Reserved (surface or subsurface)	414519.7850	5345106.5364
122	AA-100	Reserved (surface or subsurface)	414479.7850	5345176.5364
123	AA-49	Reserved (surface or subsurface)	414669.7850	5345216.5364
124	AA-35	Reserved (surface or subsurface)	414639.7850	5345226.5364
125	AA-165	Reserved (surface or subsurface)	414519.7850	5345136.5364
126	AA-108	Reserved (surface or subsurface)	414679.7850	5345176.5364
127	AA-320	Reserved (surface or subsurface)	414579.7850	5344996.5364
128	AA-60	Reserved (surface or subsurface)	414659.7850	5345206.5364
129	AA-269	Reserved (surface or subsurface)	414489.7850	5345066.5364
130	AA-325	Reserved (surface or subsurface)	414629.7850	5344996.5364
131	AA-96	Reserved (surface or subsurface)	414439.7850	5345176.5364
132	AA-161	Reserved (surface or subsurface)	414479.7850	5345136.5364
133	AA-84	Reserved (surface or subsurface)	414479.7850	5345186.5364
134	AA-294	Reserved (surface or subsurface)	414559.7850	5345036.5364
135	AA-120	Reserved (surface or subsurface)	414519.7850	5345166.5364
136	AA-50	Reserved (surface or subsurface)	414679.7850	5345216.5364
137	AA-20	Reserved (surface or subsurface)	414659.7850	5345246.5364
138	AA-150	Reserved (surface or subsurface)	414519.7850	5345146.5364
139	AA-27	Reserved (surface or subsurface)	414649.7850	5345236.5364
140	AA-53	Reserved (surface or subsurface)	414709.7850	5345216.5364
141	AA-247	Reserved (surface or subsurface)	414609.7850	5345096.5364
142	AA-141	Reserved (surface or subsurface)	414679.7850	5345156.5364
143	AA-62	Reserved (surface or subsurface)	414679.7850	5345206.5364
144	AA-77	Reserved (surface or subsurface)	414699.7850	5345196.5364
145	AA-253	Reserved (surface or subsurface)	414529.7850	5345086.5364
146	AA-283	Reserved (surface or subsurface)	414559.7850	5345056.5364
147	AA-142	Reserved (surface or subsurface)	414439.7850	5345146.5364
148	AA-257	Reserved (surface or subsurface)	414569.7850	5345086.5364
149	AA-129	Reserved (surface or subsurface)	414459.7850	5345156.5364
150	AA-131	Reserved (surface or subsurface)	414479.7850	5345156.5364

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	NZ-792	Surface	408104.0796	5332514.0506
2	NZ-378	Surface	408614.0796	5332604.0506
3	NZ-113	Surface	408194.0796	5332674.0506
4	NZ-1450	Surface	408234.0796	5332354.0506
5	NZ-1538	Surface	408104.0796	5332314.0506
6	NZ-1288	Surface	408184.0796	5332394.0506
7	NZ-728	Surface	408434.0796	5332534.0506
8	NZ-803	Surface	408374.0796	5332514.0506
9	NZ-263	Surface	408104.0796	5332624.0506
10	NZ-1189	Surface	408414.0796	5332424.0506
11	NZ-768	Surface	408434.0796	5332524.0506
12	NZ-292	Surface	408064.0796	5332614.0506
13	NZ-256	Surface	408354.0796	5332634.0506
14	NZ-11	Surface	408164.0796	5332744.0506
15	NZ-543	Surface	408634.0796	5332574.0506
16	NZ-247	Surface	408264.0796	5332634.0506
17	NZ-1400	Surface	408104.0796	5332364.0506
18	NZ-136	Surface	408114.0796	5332664.0506
19	NZ-749	Surface	408644.0796	5332534.0506
20	NZ-1383	Surface	408334.0796	5332374.0506
21	NZ-881	Surface	408184.0796	5332494.0506
22	NZ-1192	Surface	408444.0796	5332424.0506
23	NZ-1045	Surface	408244.0796	5332454.0506
24	NZ-1328	Surface	408184.0796	5332384.0506
25	NZ-467	Surface	408324.0796	5332584.0506
26	NZ-1437	Surface	408104.0796	5332354.0506
27	NZ-562	Surface	408144.0796	5332564.0506
28	NZ-861	Surface	408534.0796	5332504.0506
29	NZ-261	Surface	408084.0796	5332624.0506
30	NZ-1072	Surface	408084.0796	5332444.0506
31	NZ-342	Surface	408104.0796	5332604.0506
32	NZ-1210	Surface	408214.0796	5332414.0506
33	NZ-538	Surface	408584.0796	5332574.0506
34	NZ-1298	Surface	408284.0796	5332394.0506
35	NZ-1523	Surface	408164.0796	5332324.0506
36	NZ-212	Surface	408244.0796	5332644.0506
37	NZ-913	Surface	408134.0796	5332484.0506
38	NZ-661	Surface	408684.0796	5332554.0506
39	NZ-820	Surface	408544.0796	5332514.0506
40	NZ-1249	Surface	408194.0796	5332404.0506
41	NZ-1419	Surface	408294.0796	5332364.0506
42	NZ-1081	Surface	408174.0796	5332444.0506
43	NZ-318	Surface	408324.0796	5332614.0506
44	NZ-862	Surface	408544.0796	5332504.0506
45	NZ-902	Surface	408514.0796	5332494.0506
46	NZ-322	Surface	408364.0796	5332614.0506
47	NZ-629	Surface	408224.0796	5332554.0506
48	NZ-20	Surface	408124.0796	5332724.0506
49	NZ-418	Surface	408494.0796	5332594.0506
50	NZ-338	Surface	408064.0796	5332604.0506
51	NZ-631	Surface	408244.0796	5332554.0506
52	NZ-272	Surface	408194.0796	5332624.0506
53	NZ-847	Surface	408394.0796	5332504.0506

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	NZ-528	Surface	408484.0796	5332574.0506
55	NZ-666	Surface	408074.0796	5332544.0506
56	NZ-281	Surface	408284.0796	5332624.0506
57	NZ-879	Surface	408164.0796	5332494.0506
58	NZ-669	Surface	408104.0796	5332544.0506
59	NZ-1520	Surface	408094.0796	5332324.0506
60	NZ-495	Surface	408054.0796	5332574.0506
61	NZ-28	Subsurface	408114.0796	5332714.0506
62	NZ-1112	Subsurface	408064.0796	5332434.0506
63	NZ-671	Subsurface	408124.0796	5332544.0506
64	NZ-462	Subsurface	408274.0796	5332584.0506
65	NZ-535	Subsurface	408554.0796	5332574.0506
66	NZ-309	Reserved (surface or subsurface)	408234.0796	5332614.0506
67	NZ-1297	Reserved (surface or subsurface)	408274.0796	5332394.0506
68	NZ-1178	Reserved (surface or subsurface)	408304.0796	5332424.0506
69	NZ-273	Reserved (surface or subsurface)	408204.0796	5332624.0506
70	NZ-459	Reserved (surface or subsurface)	408244.0796	5332584.0506
71	NZ-30	Reserved (surface or subsurface)	408134.0796	5332714.0506
72	NZ-77	Reserved (surface or subsurface)	408134.0796	5332684.0506
73	NZ-74	Reserved (surface or subsurface)	408104.0796	5332684.0506
74	NZ-1118	Reserved (surface or subsurface)	408124.0796	5332434.0506
75	NZ-1391	Reserved (surface or subsurface)	408014.0796	5332364.0506
76	NZ-354	Reserved (surface or subsurface)	408224.0796	5332604.0506
77	NZ-533	Reserved (surface or subsurface)	408534.0796	5332574.0506
78	NZ-976	Reserved (surface or subsurface)	408414.0796	5332474.0506
79	NZ-95	Reserved (surface or subsurface)	408314.0796	5332684.0506
80	NZ-511	Reserved (surface or subsurface)	408214.0796	5332574.0506
81	NZ-780	Reserved (surface or subsurface)	408554.0796	5332524.0506
82	NZ-10	Reserved (surface or subsurface)	408154.0796	5332744.0506
83	NZ-943	Reserved (surface or subsurface)	408084.0796	5332474.0506
84	NZ-1387	Reserved (surface or subsurface)	408374.0796	5332374.0506
85	NZ-735	Reserved (surface or subsurface)	408504.0796	5332534.0506
86	NZ-509	Reserved (surface or subsurface)	408194.0796	5332574.0506
87	NZ-301	Reserved (surface or subsurface)	408154.0796	5332614.0506
88	NZ-1131	Reserved (surface or subsurface)	408254.0796	5332434.0506
89	NZ-651	Reserved (surface or subsurface)	408584.0796	5332554.0506
90	NZ-645	Reserved (surface or subsurface)	408524.0796	5332554.0506
91	NZ-640	Reserved (surface or subsurface)	408474.0796	5332554.0506
92	NZ-1401	Reserved (surface or subsurface)	408114.0796	5332364.0506
93	NZ-1035	Reserved (surface or subsurface)	408144.0796	5332454.0506
94	NZ-936	Reserved (surface or subsurface)	408454.0796	5332484.0506
95	NZ-491	Reserved (surface or subsurface)	408684.0796	5332584.0506
96	NZ-67	Reserved (surface or subsurface)	408224.0796	5332694.0506
97	NZ-1411	Reserved (surface or subsurface)	408214.0796	5332364.0506
98	NZ-173	Reserved (surface or subsurface)	408174.0796	5332654.0506
99	NZ-449	Reserved (surface or subsurface)	408144.0796	5332584.0506
100	NZ-1293	Reserved (surface or subsurface)	408234.0796	5332394.0506
101	NZ-1034	Reserved (surface or subsurface)	408134.0796	5332454.0506
102	NZ-1119	Reserved (surface or subsurface)	408134.0796	5332434.0506
103	NZ-150	Reserved (surface or subsurface)	408254.0796	5332664.0506
104	NZ-1211	Reserved (surface or subsurface)	408224.0796	5332414.0506
105	NZ-1508	Reserved (surface or subsurface)	408224.0796	5332334.0506
106	NZ-951	Reserved (surface or subsurface)	408164.0796	5332474.0506

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	NZ-357	Reserved (surface or subsurface)	408254.0796	5332604.0506
108	NZ-358	Reserved (surface or subsurface)	408264.0796	5332604.0506
109	NZ-552	Reserved (surface or subsurface)	408044.0796	5332564.0506
110	NZ-849	Reserved (surface or subsurface)	408414.0796	5332504.0506
111	NZ-730	Reserved (surface or subsurface)	408454.0796	5332534.0506
112	NZ-993	Reserved (surface or subsurface)	408154.0796	5332464.0506
113	NZ-1548	Reserved (surface or subsurface)	408034.0796	5332294.0506
114	NZ-371	Reserved (surface or subsurface)	408544.0796	5332604.0506
115	NZ-1133	Reserved (surface or subsurface)	408274.0796	5332434.0506
116	NZ-123	Reserved (surface or subsurface)	408294.0796	5332674.0506
117	NZ-388	Reserved (surface or subsurface)	408064.0796	5332594.0506
118	NZ-9	Reserved (surface or subsurface)	408144.0796	5332744.0506
119	NZ-192	Reserved (surface or subsurface)	408364.0796	5332654.0506
120	NZ-37	Reserved (surface or subsurface)	408204.0796	5332714.0506
121	NZ-419	Reserved (surface or subsurface)	408504.0796	5332594.0506
122	NZ-1024	Reserved (surface or subsurface)	408464.0796	5332464.0506
123	NZ-480	Reserved (surface or subsurface)	408574.0796	5332584.0506
124	NZ-523	Reserved (surface or subsurface)	408334.0796	5332574.0506
125	NZ-24	Reserved (surface or subsurface)	408164.0796	5332724.0506
126	NZ-972	Reserved (surface or subsurface)	408374.0796	5332474.0506
127	NZ-52	Reserved (surface or subsurface)	408224.0796	5332704.0506
128	NZ-857	Reserved (surface or subsurface)	408494.0796	5332504.0506
129	NZ-701	Reserved (surface or subsurface)	408584.0796	5332544.0506
130	NZ-564	Reserved (surface or subsurface)	408164.0796	5332564.0506
131	NZ-1547	Reserved (surface or subsurface)	408024.0796	5332294.0506
132	NZ-609	Reserved (surface or subsurface)	408704.0796	5332564.0506
133	NZ-1483	Reserved (surface or subsurface)	408264.0796	5332344.0506
134	NZ-1512	Reserved (surface or subsurface)	408014.0796	5332324.0506
135	NZ-1426	Reserved (surface or subsurface)	408364.0796	5332364.0506
136	NZ-821	Reserved (surface or subsurface)	408554.0796	5332514.0506
137	NZ-154	Reserved (surface or subsurface)	408294.0796	5332664.0506
138	NZ-234	Reserved (surface or subsurface)	408134.0796	5332634.0506
139	NZ-1324	Reserved (surface or subsurface)	408144.0796	5332384.0506
140	NZ-931	Reserved (surface or subsurface)	408404.0796	5332484.0506
141	NZ-811	Reserved (surface or subsurface)	408454.0796	5332514.0506
142	NZ-381	Reserved (surface or subsurface)	408644.0796	5332604.0506
143	NZ-1217	Reserved (surface or subsurface)	408284.0796	5332414.0506
144	NZ-736	Reserved (surface or subsurface)	408514.0796	5332534.0506
145	NZ-270	Reserved (surface or subsurface)	408174.0796	5332624.0506
146	NZ-1076	Reserved (surface or subsurface)	408124.0796	5332444.0506
147	NZ-685	Reserved (surface or subsurface)	408424.0796	5332544.0506
148	NZ-1184	Reserved (surface or subsurface)	408364.0796	5332424.0506
149	NZ-1219	Reserved (surface or subsurface)	408304.0796	5332414.0506
150	NZ-1033	Reserved (surface or subsurface)	408124.0796	5332454.0506

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	HT-1355	Surface	408500.1242	5331241.2780
2	HT-1489	Surface	408340.1242	5331211.2780
3	HT-298	Surface	408820.1242	5331461.2780
4	HT-1592	Surface	408440.1242	5331191.2780
5	HT-461	Surface	408730.1242	5331421.2780
6	HT-1101	Surface	408240.1242	5331281.2780
7	HT-2218	Surface	408120.1242	5330821.2780
8	HT-884	Surface	408380.1242	5331321.2780
9	HT-1511	Surface	408560.1242	5331211.2780
10	HT-1724	Surface	408480.1242	5331161.2780
11	HT-871	Surface	408250.1242	5331321.2780
12	HT-1669	Surface	408340.1242	5331171.2780
13	HT-457	Surface	408690.1242	5331421.2780
14	HT-1545	Surface	408430.1242	5331201.2780
15	HT-701	Surface	408480.1242	5331361.2780
16	HT-347	Surface	408880.1242	5331451.2780
17	HT-1465	Surface	408580.1242	5331221.2780
18	HT-1183	Surface	408470.1242	5331271.2780
19	HT-1126	Surface	408490.1242	5331281.2780
20	HT-1619	Surface	408270.1242	5331181.2780
21	HT-1868	Surface	408460.1242	5331121.2780
22	HT-1456	Surface	408490.1242	5331221.2780
23	HT-953	Surface	408510.1242	5331311.2780
24	HT-737	Surface	408380.1242	5331351.2780
25	HT-221	Surface	408850.1242	5331481.2780
26	HT-1742	Surface	408270.1242	5331151.2780
27	HT-1089	Surface	408710.1242	5331291.2780
28	HT-210	Surface	408740.1242	5331481.2780
29	HT-462	Surface	408740.1242	5331421.2780
30	HT-1105	Surface	408280.1242	5331281.2780
31	HT-1052	Surface	408340.1242	5331291.2780
32	HT-2191	Surface	408100.1242	5330851.2780
33	HT-762	Surface	408630.1242	5331351.2780
34	HT-77	Surface	408680.1242	5331521.2780
35	HT-553	Surface	408790.1242	5331401.2780
36	HT-1482	Surface	408270.1242	5331211.2780
37	HT-1076	Surface	408580.1242	5331291.2780
38	HT-645	Surface	408390.1242	5331371.2780
39	HT-1651	Surface	408160.1242	5331171.2780
40	HT-1636	Surface	408440.1242	5331181.2780
41	HT-2160	Surface	408110.1242	5330901.2780
42	HT-112	Surface	408740.1242	5331511.2780
43	HT-176	Surface	408740.1242	5331491.2780
44	HT-43	Surface	408850.1242	5331541.2780
45	HT-688	Surface	408350.1242	5331361.2780
46	HT-1265	Surface	408150.1242	5331251.2780
47	HT-319	Surface	408600.1242	5331451.2780
48	HT-675	Surface	408690.1242	5331371.2780
49	HT-704	Surface	408510.1242	5331361.2780
50	HT-576	Surface	408590.1242	5331391.2780
51	HT-384	Surface	408820.1242	5331441.2780
52	HT-277	Surface	408610.1242	5331461.2780
53	HT-820	Surface	408730.1242	5331341.2780

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	HT-1783	Surface	408310.1242	5331141.2780
55	HT-1738	Surface	408230.1242	5331151.2780
56	HT-2235	Surface	408110.1242	5330801.2780
57	HT-38	Surface	408800.1242	5331541.2780
58	HT-660	Surface	408540.1242	5331371.2780
59	HT-217	Surface	408810.1242	5331481.2780
60	HT-1670	Surface	408350.1242	5331171.2780
61	HT-1893	Reserved (surface only)	408390.1242	5331111.2780
62	HT-2029	Subsurface	408200.1242	5331011.2780
63	HT-728	Reserved (surface only)	408750.1242	5331361.2780
64	HT-388	Reserved (surface only)	408860.1242	5331441.2780
65	HT-1044	Reserved (surface only)	408260.1242	5331291.2780
66	HT-1142	Reserved (surface only)	408650.1242	5331281.2780
67	HT-735	Reserved (surface only)	408360.1242	5331351.2780
68	HT-2170	Subsurface	408140.1242	5330891.2780
69	HT-2112	Subsurface	408120.1242	5330951.2780
70	HT-1760	Reserved (surface only)	408450.1242	5331151.2780
71	HT-1464	Reserved (surface only)	408570.1242	5331221.2780
72	HT-1785	Reserved (surface only)	408330.1242	5331141.2780
73	HT-666	Reserved (surface only)	408600.1242	5331371.2780
74	HT-991	Reserved (surface only)	408310.1242	5331301.2780
75	HT-1606	Subsurface	408140.1242	5331181.2780
76	HT-1632	Reserved (surface only)	408400.1242	5331181.2780
77	HT-864	Reserved (surface only)	408680.1242	5331331.2780
78	HT-1719	Reserved (surface only)	408430.1242	5331161.2780
79	HT-550	Reserved (surface only)	408760.1242	5331401.2780
80	HT-1971	Subsurface	408190.1242	5331061.2780
81	HT-2107	Reserved (surface or subsurface)	408230.1242	5330961.2780
82	HT-784	Reserved (surface only)	408370.1242	5331341.2780
83	HT-18	Reserved (surface or subsurface)	408820.1242	5331551.2780
84	HT-616	Reserved (surface only)	408550.1242	5331381.2780
85	HT-2053	Reserved (surface or subsurface)	408160.1242	5330991.2780
86	HT-308	Reserved (surface only)	408490.1242	5331451.2780
87	HT-1666	Reserved (surface only)	408310.1242	5331171.2780
88	HT-65	Reserved (surface or subsurface)	408830.1242	5331531.2780
89	HT-142	Reserved (surface only)	408730.1242	5331501.2780
90	HT-1535	Reserved (surface only)	408330.1242	5331201.2780
91	HT-799	Reserved (surface only)	408520.1242	5331341.2780
92	HT-1572	Reserved (surface only)	408240.1242	5331191.2780
93	HT-1748	Reserved (surface only)	408330.1242	5331151.2780
94	HT-1459	Reserved (surface only)	408520.1242	5331221.2780
95	HT-909	Reserved (surface only)	408630.1242	5331321.2780
96	HT-2120	Reserved (surface or subsurface)	408200.1242	5330951.2780
97	HT-284	Reserved (surface only)	408680.1242	5331461.2780
98	HT-1349	Reserved (surface only)	408440.1242	5331241.2780
99	HT-1750	Reserved (surface only)	408350.1242	5331151.2780
100	HT-916	Reserved (surface only)	408700.1242	5331321.2780
101	HT-536	Reserved (surface only)	408620.1242	5331401.2780
102	HT-2240	Reserved (surface or subsurface)	408090.1242	5330791.2780
103	HT-1453	Reserved (surface only)	408460.1242	5331221.2780
104	HT-1962	Reserved (surface only)	408210.1242	5331071.2780
105	HT-1892	Reserved (surface only)	408380.1242	5331111.2780
106	HT-1039	Reserved (surface or subsurface)	408210.1242	5331291.2780

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	HT-1559	Reserved (surface only)	408570.1242	5331201.2780
108	HT-1422	Reserved (surface or subsurface)	408150.1242	5331221.2780
109	HT-203	Reserved (surface only)	408670.1242	5331481.2780
110	HT-718	Reserved (surface only)	408650.1242	5331361.2780
111	HT-1193	Reserved (surface only)	408570.1242	5331271.2780
112	HT-355	Reserved (surface only)	408530.1242	5331441.2780
113	HT-1528	Reserved (surface only)	408260.1242	5331201.2780
114	HT-745	Reserved (surface only)	408460.1242	5331351.2780
115	HT-951	Reserved (surface only)	408490.1242	5331311.2780
116	HT-2145	Reserved (surface or subsurface)	408110.1242	5330921.2780
117	HT-290	Reserved (surface only)	408740.1242	5331461.2780
118	HT-1638	Reserved (surface only)	408460.1242	5331181.2780
119	HT-538	Reserved (surface only)	408640.1242	5331401.2780
120	HT-1627	Reserved (surface only)	408350.1242	5331181.2780
121	HT-886	Reserved (surface only)	408400.1242	5331321.2780
122	HT-1062	Reserved (surface only)	408440.1242	5331291.2780
123	HT-1484	Reserved (surface only)	408290.1242	5331211.2780
124	HT-1704	Reserved (surface only)	408280.1242	5331161.2780
125	HT-1503	Reserved (surface only)	408480.1242	5331211.2780
126	HT-1746	Reserved (surface only)	408310.1242	5331151.2780
127	HT-1379	Reserved (surface or subsurface)	408210.1242	5331231.2780
128	HT-1259	Reserved (surface only)	408650.1242	5331261.2780
129	HT-1099	Reserved (surface or subsurface)	408220.1242	5331281.2780
130	HT-1927	Reserved (surface or subsurface)	408170.1242	5331091.2780
131	HT-2	Reserved (surface or subsurface)	408880.1242	5331571.2780
132	HT-1727	Reserved (surface only)	408510.1242	5331161.2780
133	HT-87	Reserved (surface or subsurface)	408780.1242	5331521.2780
134	HT-2173	Reserved (surface or subsurface)	408110.1242	5330881.2780
135	HT-1410	Reserved (surface only)	408520.1242	5331231.2780
136	HT-551	Reserved (surface only)	408770.1242	5331401.2780
137	HT-1678	Reserved (surface only)	408430.1242	5331171.2780
138	HT-1454	Reserved (surface only)	408470.1242	5331221.2780
139	HT-964	Reserved (surface only)	408620.1242	5331311.2780
140	HT-1198	Reserved (surface only)	408620.1242	5331271.2780
141	HT-192	Reserved (surface or subsurface)	408900.1242	5331491.2780
142	HT-590	Reserved (surface only)	408730.1242	5331391.2780
143	HT-2026	Reserved (surface or subsurface)	408170.1242	5331011.2780
144	HT-975	Reserved (surface or subsurface)	408150.1242	5331301.2780
145	HT-1571	Reserved (surface only)	408230.1242	5331191.2780
146	HT-1660	Reserved (surface only)	408250.1242	5331171.2780
147	HT-1843	Reserved (surface only)	408210.1242	5331121.2780
148	HT-2114	Reserved (surface or subsurface)	408140.1242	5330951.2780
149	HT-1514	Reserved (surface only)	408590.1242	5331211.2780
150	HT-1311	Reserved (surface only)	408610.1242	5331251.2780

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	EN-1063	Surface	405058.9039	5321224.8128
2	EN-418	Surface	405458.9039	5321414.8128
3	EN-724	Surface	405638.9039	5321334.8128
4	EN-1000	Surface	405218.9039	5321244.8128
5	EN-473	Surface	405518.9039	5321404.8128
6	EN-1055	Surface	404978.9039	5321224.8128
7	EN-1135	Surface	404978.9039	5321204.8128
8	EN-383	Surface	405608.9039	5321424.8128
9	EN-832	Surface	405688.9039	5321304.8128
10	EN-471	Surface	405498.9039	5321404.8128
11	EN-315	Surface	405428.9039	5321434.8128
12	EN-799	Surface	405208.9039	5321304.8128
13	EN-292	Surface	405688.9039	5321444.8128
14	EN-331	Surface	405588.9039	5321434.8128
15	EN-588	Surface	405618.9039	5321374.8128
16	EN-796	Surface	405678.9039	5321314.8128
17	EN-1130	Surface	404928.9039	5321204.8128
18	EN-51	Surface	405568.9039	5321504.8128
19	EN-905	Surface	405208.9039	5321274.8128
20	EN-342	Surface	405698.9039	5321434.8128
21	EN-1355	Surface	405058.9039	5321144.8128
22	EN-243	Surface	405678.9039	5321454.8128
23	EN-950	Surface	405058.9039	5321254.8128
24	EN-125	Surface	405398.9039	5321474.8128
25	EN-1173	Surface	404958.9039	5321194.8128
26	EN-773	Surface	405308.9039	5321314.8128
27	EN-1240	Surface	404858.9039	5321174.8128
28	EN-1212	Surface	404958.9039	5321184.8128
29	EN-1081	Surface	405698.9039	5321224.8128
30	EN-576	Surface	405398.9039	5321374.8128
31	EN-710	Surface	405368.9039	5321334.8128
32	EN-732	Surface	405248.9039	5321324.8128
33	EN-380	Surface	405578.9039	5321424.8128
34	EN-764	Surface	405218.9039	5321314.8128
35	EN-453	Surface	405318.9039	5321404.8128
36	EN-946	Surface	405018.9039	5321254.8128
37	EN-347	Surface	405748.9039	5321434.8128
38	EN-860	Surface	405438.9039	5321294.8128
39	EN-556	Surface	405648.9039	5321384.8128
40	EN-1301	Surface	405128.9039	5321164.8128
41	EN-551	Surface	405508.9039	5321384.8128
42	EN-1149	Surface	405118.9039	5321204.8128
43	EN-230	Surface	405548.9039	5321454.8128
44	EN-992	Surface	405138.9039	5321244.8128
45	EN-1325	Surface	405048.9039	5321154.8128
46	EN-1097	Surface	404998.9039	5321214.8128
47	EN-1188	Surface	405108.9039	5321194.8128
48	EN-433	Surface	405618.9039	5321414.8128
49	EN-789	Surface	405468.9039	5321314.8128
50	EN-988	Surface	405098.9039	5321244.8128
51	EN-1208	Surface	404918.9039	5321184.8128
52	EN-193	Surface	405638.9039	5321464.8128
53	EN-955	Surface	405108.9039	5321254.8128

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	EN-1048	Surface	404908.9039	5321224.8128
55	EN-1161	Surface	404838.9039	5321194.8128
56	EN-294	Surface	405708.9039	5321444.8128
57	EN-1127	Surface	404898.9039	5321204.8128
58	EN-915	Surface	405658.9039	5321274.8128
59	EN-757	Surface	405638.9039	5321324.8128
60	EN-1321	Surface	405008.9039	5321154.8128
61	EN-370	Subsurface	405478.9039	5321424.8128
62	EN-944	Subsurface	405708.9039	5321264.8128
63	EN-500	Subsurface	405378.9039	5321394.8128
64	EN-87	Subsurface	405658.9039	5321494.8128
65	EN-350	Subsurface	405278.9039	5321424.8128
66	EN-952	Reserved (surface or subsurface)	405078.9039	5321254.8128
67	EN-1021	Reserved (surface or subsurface)	405068.9039	5321234.8128
68	EN-176	Reserved (surface or subsurface)	405468.9039	5321464.8128
69	EN-1270	Reserved (surface or subsurface)	404818.9039	5321164.8128
70	EN-774	Reserved (surface or subsurface)	405318.9039	5321314.8128
71	EN-1430	Reserved (surface or subsurface)	405048.9039	5321114.8128
72	EN-1103	Reserved (surface or subsurface)	405058.9039	5321214.8128
73	EN-1072	Reserved (surface or subsurface)	405148.9039	5321224.8128
74	EN-1226	Reserved (surface or subsurface)	405098.9039	5321184.8128
75	EN-861	Reserved (surface or subsurface)	405448.9039	5321294.8128
76	EN-840	Reserved (surface or subsurface)	405238.9039	5321294.8128
77	EN-827	Reserved (surface or subsurface)	405638.9039	5321304.8128
78	EN-993	Reserved (surface or subsurface)	405148.9039	5321244.8128
79	EN-401	Reserved (surface or subsurface)	405288.9039	5321414.8128
80	EN-234	Reserved (surface or subsurface)	405588.9039	5321454.8128
81	EN-310	Reserved (surface or subsurface)	405378.9039	5321434.8128
82	EN-1253	Reserved (surface or subsurface)	404988.9039	5321174.8128
83	EN-1011	Reserved (surface or subsurface)	404968.9039	5321234.8128
84	EN-446	Reserved (surface or subsurface)	405748.9039	5321414.8128
85	EN-1176	Reserved (surface or subsurface)	404988.9039	5321194.8128
86	EN-362	Reserved (surface or subsurface)	405398.9039	5321424.8128
87	EN-405	Reserved (surface or subsurface)	405328.9039	5321414.8128
88	EN-822	Reserved (surface or subsurface)	405438.9039	5321304.8128
89	EN-368	Reserved (surface or subsurface)	405458.9039	5321424.8128
90	EN-660	Reserved (surface or subsurface)	405668.9039	5321354.8128
91	EN-389	Reserved (surface or subsurface)	405668.9039	5321424.8128
92	EN-29	Reserved (surface or subsurface)	405588.9039	5321514.8128
93	EN-1337	Reserved (surface or subsurface)	404878.9039	5321144.8128
94	EN-1018	Reserved (surface or subsurface)	405038.9039	5321234.8128
95	EN-107	Reserved (surface or subsurface)	405558.9039	5321484.8128
96	EN-349	Reserved (surface or subsurface)	405268.9039	5321424.8128
97	EN-842	Reserved (surface or subsurface)	405258.9039	5321294.8128
98	EN-1389	Reserved (surface or subsurface)	404878.9039	5321124.8128
99	EN-1213	Reserved (surface or subsurface)	404968.9039	5321184.8128
100	EN-913	Reserved (surface or subsurface)	405288.9039	5321274.8128
101	EN-923	Reserved (surface or subsurface)	405128.9039	5321264.8128
102	EN-498	Reserved (surface or subsurface)	405358.9039	5321394.8128
103	EN-369	Reserved (surface or subsurface)	405468.9039	5321424.8128
104	EN-1291	Reserved (surface or subsurface)	405028.9039	5321164.8128
105	EN-808	Reserved (surface or subsurface)	405298.9039	5321304.8128
106	EN-1107	Reserved (surface or subsurface)	405098.9039	5321214.8128

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	EN-989	Reserved (surface or subsurface)	405108.9039	5321244.8128
108	EN-1134	Reserved (surface or subsurface)	404968.9039	5321204.8128
109	EN-852	Reserved (surface or subsurface)	405358.9039	5321294.8128
110	EN-1163	Reserved (surface or subsurface)	404858.9039	5321194.8128
111	EN-629	Reserved (surface or subsurface)	405238.9039	5321354.8128
112	EN-247	Reserved (surface or subsurface)	405718.9039	5321454.8128
113	EN-1015	Reserved (surface or subsurface)	405008.9039	5321234.8128
114	EN-1243	Reserved (surface or subsurface)	404888.9039	5321174.8128
115	EN-547	Reserved (surface or subsurface)	405468.9039	5321384.8128
116	EN-417	Reserved (surface or subsurface)	405448.9039	5321414.8128
117	EN-1150	Reserved (surface or subsurface)	405128.9039	5321204.8128
118	EN-760	Reserved (surface or subsurface)	405668.9039	5321324.8128
119	EN-1085	Reserved (surface or subsurface)	404878.9039	5321214.8128
120	EN-305	Reserved (surface or subsurface)	405328.9039	5321434.8128
121	EN-207	Reserved (surface or subsurface)	405318.9039	5321454.8128
122	EN-423	Reserved (surface or subsurface)	405508.9039	5321414.8128
123	EN-341	Reserved (surface or subsurface)	405688.9039	5321434.8128
124	EN-996	Reserved (surface or subsurface)	405178.9039	5321244.8128
125	EN-200	Reserved (surface or subsurface)	405708.9039	5321464.8128
126	EN-475	Reserved (surface or subsurface)	405538.9039	5321404.8128
127	EN-483	Reserved (surface or subsurface)	405678.9039	5321404.8128
128	EN-126	Reserved (surface or subsurface)	405408.9039	5321474.8128
129	EN-266	Reserved (surface or subsurface)	405428.9039	5321444.8128
130	EN-1032	Reserved (surface or subsurface)	405178.9039	5321234.8128
131	EN-1249	Reserved (surface or subsurface)	404948.9039	5321174.8128
132	EN-1038	Reserved (surface or subsurface)	405238.9039	5321234.8128
133	EN-1367	Reserved (surface or subsurface)	404918.9039	5321134.8128
134	EN-1154	Reserved (surface or subsurface)	405168.9039	5321204.8128
135	EN-1227	Reserved (surface or subsurface)	405108.9039	5321184.8128
136	EN-451	Reserved (surface or subsurface)	405298.9039	5321404.8128
137	EN-1088	Reserved (surface or subsurface)	404908.9039	5321214.8128
138	EN-1206	Reserved (surface or subsurface)	404898.9039	5321184.8128
139	EN-831	Reserved (surface or subsurface)	405678.9039	5321304.8128
140	EN-1175	Reserved (surface or subsurface)	404978.9039	5321194.8128
141	EN-537	Reserved (surface or subsurface)	405368.9039	5321384.8128
142	EN-1279	Reserved (surface or subsurface)	404908.9039	5321164.8128
143	EN-1390	Reserved (surface or subsurface)	404888.9039	5321124.8128
144	EN-523	Reserved (surface or subsurface)	405678.9039	5321394.8128
145	EN-1316	Reserved (surface or subsurface)	404958.9039	5321154.8128
146	EN-1364	Reserved (surface or subsurface)	404888.9039	5321134.8128
147	EN-48	Reserved (surface or subsurface)	405538.9039	5321504.8128
148	EN-869	Reserved (surface or subsurface)	405708.9039	5321294.8128
149	EN-21	Reserved (surface or subsurface)	405508.9039	5321514.8128
150	EN-505	Reserved (surface or subsurface)	405428.9039	5321394.8128

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	WC-1366	Surface	403353.0978	5322591.3214
2	WC-1548	Surface	403393.0978	5322541.3214
3	WC-1459	Surface	403553.0978	5322571.3214
4	WC-1121	Surface	403563.0978	5322661.3214
5	WC-1635	Surface	403383.0978	5322511.3214
6	WC-1479	Surface	403393.0978	5322561.3214
7	WC-1638	Surface	403413.0978	5322511.3214
8	WC-1092	Surface	403273.0978	5322661.3214
9	WC-621	Surface	403293.0978	5322791.3214
10	WC-1197	Surface	403573.0978	5322641.3214
11	WC-566	Surface	403303.0978	5322811.3214
12	WC-1693	Surface	403483.0978	5322491.3214
13	WC-85	Surface	403053.0978	5323111.3214
14	WC-1261	Surface	403453.0978	5322621.3214
15	WC-202	Surface	403063.0978	5323021.3214
16	WC-245	Surface	403183.0978	5323001.3214
17	WC-225	Surface	403143.0978	5323011.3214
18	WC-1607	Surface	403373.0978	5322521.3214
19	WC-839	Surface	403543.0978	5322731.3214
20	WC-775	Surface	403273.0978	5322741.3214
21	WC-491	Surface	403193.0978	5322841.3214
22	WC-911	Surface	403413.0978	5322711.3214
23	WC-1283	Surface	403283.0978	5322611.3214
24	WC-1299	Surface	403443.0978	5322611.3214
25	WC-820	Surface	403353.0978	5322731.3214
26	WC-1682	Surface	403593.0978	5322501.3214
27	WC-1151	Surface	403483.0978	5322651.3214
28	WC-859	Surface	403313.0978	5322721.3214
29	WC-1547	Surface	403383.0978	5322541.3214
30	WC-1710	Surface	403453.0978	5322481.3214
31	WC-158	Surface	403043.0978	5323051.3214
32	WC-13	Surface	402973.0978	5323171.3214
33	WC-252	Surface	403093.0978	5322991.3214
34	WC-32	Surface	402963.0978	5323151.3214
35	WC-1293	Surface	403383.0978	5322611.3214
36	WC-1714	Surface	403493.0978	5322481.3214
37	WC-1318	Surface	403253.0978	5322601.3214
38	WC-1560	Surface	403513.0978	5322541.3214
39	WC-461	Surface	403233.0978	5322861.3214
40	WC-387	Surface	403233.0978	5322911.3214
41	WC-1407	Surface	403393.0978	5322581.3214
42	WC-1099	Surface	403343.0978	5322661.3214
43	WC-1068	Surface	403413.0978	5322671.3214
44	WC-1255	Surface	403393.0978	5322621.3214
45	WC-1625	Surface	403553.0978	5322521.3214
46	WC-1145	Surface	403423.0978	5322651.3214
47	WC-1026	Surface	403383.0978	5322681.3214
48	WC-1515	Surface	403403.0978	5322551.3214
49	WC-867	Surface	403393.0978	5322721.3214
50	WC-280	Surface	403213.0978	5322981.3214
51	WC-1205	Surface	403273.0978	5322631.3214
52	WC-1743	Surface	403443.0978	5322461.3214
53	WC-150	Surface	403083.0978	5323061.3214

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	WC-1290	Surface	403353.0978	5322611.3214
55	WC-305	Surface	403153.0978	5322961.3214
56	WC-229	Surface	403183.0978	5323011.3214
57	WC-285	Surface	403103.0978	5322971.3214
58	WC-520	Surface	403303.0978	5322831.3214
59	WC-689	Surface	403373.0978	5322771.3214
60	WC-46	Surface	403003.0978	5323141.3214
61	WC-82	Subsurface	403023.0978	5323111.3214
62	WC-319	Subsurface	403143.0978	5322951.3214
63	WC-670	Subsurface	403183.0978	5322771.3214
64	WC-711	Subsurface	403293.0978	5322761.3214
65	WC-212	Subsurface	403163.0978	5323021.3214
66	WC-984	Reserved (surface or subsurface)	403353.0978	5322691.3214
67	WC-1166	Reserved (surface or subsurface)	403263.0978	5322641.3214
68	WC-871	Reserved (surface or subsurface)	403433.0978	5322721.3214
69	WC-473	Reserved (surface or subsurface)	403183.0978	5322851.3214
70	WC-176	Reserved (surface or subsurface)	403083.0978	5323041.3214
71	WC-622	Reserved (surface or subsurface)	403303.0978	5322791.3214
72	WC-1380	Reserved (surface or subsurface)	403493.0978	5322591.3214
73	WC-1035	Reserved (surface or subsurface)	403473.0978	5322681.3214
74	WC-1414	Reserved (surface or subsurface)	403463.0978	5322581.3214
75	WC-806	Reserved (surface or subsurface)	403213.0978	5322731.3214
76	WC-72	Reserved (surface or subsurface)	403043.0978	5323121.3214
77	WC-619	Reserved (surface or subsurface)	403273.0978	5322791.3214
78	WC-357	Reserved (surface or subsurface)	403233.0978	5322931.3214
79	WC-856	Reserved (surface or subsurface)	403283.0978	5322721.3214
80	WC-997	Reserved (surface or subsurface)	403483.0978	5322691.3214
81	WC-329	Reserved (surface or subsurface)	403093.0978	5322941.3214
82	WC-1231	Reserved (surface or subsurface)	403533.0978	5322631.3214
83	WC-441	Reserved (surface or subsurface)	403193.0978	5322871.3214
84	WC-1306	Reserved (surface or subsurface)	403513.0978	5322611.3214
85	WC-946	Reserved (surface or subsurface)	403363.0978	5322701.3214
86	WC-458	Reserved (surface or subsurface)	403203.0978	5322861.3214
87	WC-1671	Reserved (surface or subsurface)	403483.0978	5322501.3214
88	WC-1328	Reserved (surface or subsurface)	403353.0978	5322601.3214
89	WC-696	Reserved (surface or subsurface)	403593.0978	5322771.3214
90	WC-449	Reserved (surface or subsurface)	403273.0978	5322871.3214
91	WC-912	Reserved (surface or subsurface)	403423.0978	5322711.3214
92	WC-1127	Reserved (surface or subsurface)	403243.0978	5322651.3214
93	WC-372	Reserved (surface or subsurface)	403233.0978	5322921.3214
94	WC-1109	Reserved (surface or subsurface)	403443.0978	5322661.3214
95	WC-313	Reserved (surface or subsurface)	403083.0978	5322951.3214
96	WC-960	Reserved (surface or subsurface)	403503.0978	5322701.3214
97	WC-206	Reserved (surface or subsurface)	403103.0978	5323021.3214
98	WC-528	Reserved (surface or subsurface)	403163.0978	5322821.3214
99	WC-483	Reserved (surface or subsurface)	403283.0978	5322851.3214
100	WC-414	Reserved (surface or subsurface)	403203.0978	5322891.3214
101	WC-682	Reserved (surface or subsurface)	403303.0978	5322771.3214
102	WC-1330	Reserved (surface or subsurface)	403373.0978	5322601.3214
103	WC-636	Reserved (surface or subsurface)	403603.0978	5322791.3214
104	WC-1500	Reserved (surface or subsurface)	403603.0978	5322561.3214
105	WC-222	Reserved (surface or subsurface)	403113.0978	5323011.3214
106	WC-1744	Reserved (surface or subsurface)	403453.0978	5322461.3214

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	WC-926	Reserved (surface or subsurface)	403563.0978	5322711.3214
108	WC-1688	Reserved (surface or subsurface)	403433.0978	5322491.3214
109	WC-409	Reserved (surface or subsurface)	403153.0978	5322891.3214
110	WC-1115	Reserved (surface or subsurface)	403503.0978	5322661.3214
111	WC-1698	Reserved (surface or subsurface)	403533.0978	5322491.3214
112	WC-1375	Reserved (surface or subsurface)	403443.0978	5322591.3214
113	WC-1041	Reserved (surface or subsurface)	403533.0978	5322681.3214
114	WC-574	Reserved (surface or subsurface)	403563.0978	5322811.3214
115	WC-1435	Reserved (surface or subsurface)	403313.0978	5322571.3214
116	WC-1270	Reserved (surface or subsurface)	403543.0978	5322621.3214
117	WC-962	Reserved (surface or subsurface)	403523.0978	5322701.3214
118	WC-646	Reserved (surface or subsurface)	403243.0978	5322781.3214
119	WC-396	Reserved (surface or subsurface)	403173.0978	5322901.3214
120	WC-259	Reserved (surface or subsurface)	403163.0978	5322991.3214
121	WC-1019	Reserved (surface or subsurface)	403313.0978	5322681.3214
122	WC-1079	Reserved (surface or subsurface)	403523.0978	5322671.3214
123	WC-1212	Reserved (surface or subsurface)	403343.0978	5322631.3214
124	WC-659	Reserved (surface or subsurface)	403373.0978	5322781.3214
125	WC-497	Reserved (surface or subsurface)	403253.0978	5322841.3214
126	WC-1084	Reserved (surface or subsurface)	403573.0978	5322671.3214
127	WC-1105	Reserved (surface or subsurface)	403403.0978	5322661.3214
128	WC-1692	Reserved (surface or subsurface)	403473.0978	5322491.3214
129	WC-945	Reserved (surface or subsurface)	403353.0978	5322701.3214
130	WC-12	Reserved (surface or subsurface)	402963.0978	5323171.3214
131	WC-375	Reserved (surface or subsurface)	403113.0978	5322911.3214
132	WC-384	Reserved (surface or subsurface)	403203.0978	5322911.3214
133	WC-25	Reserved (surface or subsurface)	402993.0978	5323161.3214
134	WC-237	Reserved (surface or subsurface)	403103.0978	5323001.3214
135	WC-773	Reserved (surface or subsurface)	403253.0978	5322741.3214
136	WC-1670	Reserved (surface or subsurface)	403473.0978	5322501.3214
137	WC-1431	Reserved (surface or subsurface)	403273.0978	5322571.3214
138	WC-1706	Reserved (surface or subsurface)	403413.0978	5322481.3214
139	WC-816	Reserved (surface or subsurface)	403313.0978	5322731.3214
140	WC-898	Reserved (surface or subsurface)	403283.0978	5322711.3214
141	WC-825	Reserved (surface or subsurface)	403403.0978	5322731.3214
142	WC-426	Reserved (surface or subsurface)	403183.0978	5322881.3214
143	WC-322	Reserved (surface or subsurface)	403173.0978	5322951.3214
144	WC-64	Reserved (surface or subsurface)	403073.0978	5323131.3214
145	WC-233	Reserved (surface or subsurface)	403063.0978	5323001.3214
146	WC-1430	Reserved (surface or subsurface)	403263.0978	5322571.3214
147	WC-81	Reserved (surface or subsurface)	403013.0978	5323111.3214
148	WC-1702	Reserved (surface or subsurface)	403573.0978	5322491.3214
149	WC-36	Reserved (surface or subsurface)	403003.0978	5323151.3214
150	WC-602	Reserved (surface or subsurface)	403563.0978	5322801.3214

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	NA-547	Surface	398879.1393	5321794.2323
2	NA-674	Surface	398849.1393	5321764.2323
3	NA-698	Surface	399279.1393	5321764.2323
4	NA-1183	Surface	398849.1393	5321654.2323
5	NA-120	Surface	399209.1393	5321894.2323
6	NA-819	Surface	398879.1393	5321734.2323
7	NA-297	Surface	399079.1393	5321844.2323
8	NA-128	Surface	399289.1393	5321894.2323
9	NA-549	Surface	398899.1393	5321794.2323
10	NA-702	Surface	399319.1393	5321764.2323
11	NA-1132	Surface	399259.1393	5321684.2323
12	NA-163	Surface	399329.1393	5321884.2323
13	NA-488	Surface	398889.1393	5321804.2323
14	NA-1057	Surface	398899.1393	5321694.2323
15	NA-1066	Surface	398989.1393	5321694.2323
16	NA-108	Surface	399359.1393	5321904.2323
17	NA-482	Surface	399399.1393	5321814.2323
18	NA-640	Surface	399079.1393	5321774.2323
19	NA-243	Surface	399439.1393	5321864.2323
20	NA-532	Surface	399329.1393	5321804.2323
21	NA-766	Surface	399019.1393	5321744.2323
22	NA-370	Surface	399329.1393	5321834.2323
23	NA-879	Surface	398819.1393	5321724.2323
24	NA-687	Surface	399169.1393	5321764.2323
25	NA-572	Surface	399229.1393	5321794.2323
26	NA-447	Surface	399049.1393	5321814.2323
27	NA-1219	Surface	398929.1393	5321584.2323
28	NA-686	Surface	399159.1393	5321764.2323
29	NA-252	Surface	399089.1393	5321854.2323
30	NA-218	Surface	399189.1393	5321864.2323
31	NA-865	Surface	398679.1393	5321724.2323
32	NA-295	Surface	399059.1393	5321844.2323
33	NA-1200	Surface	399019.1393	5321654.2323
34	NA-796	Surface	399319.1393	5321744.2323
35	NA-223	Surface	399239.1393	5321864.2323
36	NA-486	Surface	398869.1393	5321804.2323
37	NA-1196	Surface	398979.1393	5321654.2323
38	NA-627	Surface	399349.1393	5321784.2323
39	NA-336	Surface	398989.1393	5321834.2323
40	NA-385	Surface	398959.1393	5321824.2323
41	NA-1097	Surface	398839.1393	5321684.2323
42	NA-1209	Surface	398939.1393	5321634.2323
43	NA-490	Surface	398909.1393	5321804.2323
44	NA-667	Surface	399349.1393	5321774.2323
45	NA-800	Surface	398689.1393	5321734.2323
46	NA-799	Surface	398679.1393	5321734.2323
47	NA-1083	Surface	399159.1393	5321694.2323
48	NA-1118	Surface	399049.1393	5321684.2323
49	NA-382	Surface	398929.1393	5321824.2323
50	NA-719	Surface	399089.1393	5321754.2323
51	NA-664	Surface	399319.1393	5321774.2323
52	NA-975	Surface	399159.1393	5321714.2323
53	NA-407	Surface	399179.1393	5321824.2323

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	NA-943	Surface	398839.1393	5321714.2323
55	NA-615	Surface	399229.1393	5321784.2323
56	NA-767	Surface	399029.1393	5321744.2323
57	NA-1194	Surface	398959.1393	5321654.2323
58	NA-883	Surface	398859.1393	5321724.2323
59	NA-342	Surface	399049.1393	5321834.2323
60	NA-805	Surface	398739.1393	5321734.2323
61	NA-35	Subsurface	399279.1393	5321934.2323
62	NA-453	Subsurface	399109.1393	5321814.2323
63	NA-143	Subsurface	399129.1393	5321884.2323
64	NA-1207	Subsurface	398959.1393	5321644.2323
65	NA-935	Subsurface	398759.1393	5321714.2323
66	NA-293	Reserved (surface or subsurface)	399039.1393	5321844.2323
67	NA-672	Reserved (surface or subsurface)	398829.1393	5321764.2323
68	NA-1007	Reserved (surface or subsurface)	398909.1393	5321704.2323
69	NA-149	Reserved (surface or subsurface)	399189.1393	5321884.2323
70	NA-977	Reserved (surface or subsurface)	399179.1393	5321714.2323
71	NA-282	Reserved (surface or subsurface)	399389.1393	5321854.2323
72	NA-1215	Reserved (surface or subsurface)	398939.1393	5321604.2323
73	NA-235	Reserved (surface or subsurface)	399359.1393	5321864.2323
74	NA-113	Reserved (surface or subsurface)	399409.1393	5321904.2323
75	NA-48	Reserved (surface or subsurface)	399219.1393	5321924.2323
76	NA-867	Reserved (surface or subsurface)	398699.1393	5321724.2323
77	NA-1098	Reserved (surface or subsurface)	398849.1393	5321684.2323
78	NA-855	Reserved (surface or subsurface)	399239.1393	5321734.2323
79	NA-445	Reserved (surface or subsurface)	399029.1393	5321814.2323
80	NA-720	Reserved (surface or subsurface)	399099.1393	5321754.2323
81	NA-1147	Reserved (surface or subsurface)	398959.1393	5321674.2323
82	NA-963	Reserved (surface or subsurface)	399039.1393	5321714.2323
83	NA-884	Reserved (surface or subsurface)	398869.1393	5321724.2323
84	NA-1122	Reserved (surface or subsurface)	399089.1393	5321684.2323
85	NA-23	Reserved (surface or subsurface)	399319.1393	5321944.2323
86	NA-692	Reserved (surface or subsurface)	399219.1393	5321764.2323
87	NA-666	Reserved (surface or subsurface)	399339.1393	5321774.2323
88	NA-204	Reserved (surface or subsurface)	399419.1393	5321874.2323
89	NA-354	Reserved (surface or subsurface)	399169.1393	5321834.2323
90	NA-1107	Reserved (surface or subsurface)	398939.1393	5321684.2323
91	NA-386	Reserved (surface or subsurface)	398969.1393	5321824.2323
92	NA-939	Reserved (surface or subsurface)	398799.1393	5321714.2323
93	NA-63	Reserved (surface or subsurface)	399369.1393	5321924.2323
94	NA-267	Reserved (surface or subsurface)	399239.1393	5321854.2323
95	NA-1017	Reserved (surface or subsurface)	399009.1393	5321704.2323
96	NA-112	Reserved (surface or subsurface)	399399.1393	5321904.2323
97	NA-859	Reserved (surface or subsurface)	399279.1393	5321734.2323
98	NA-759	Reserved (surface or subsurface)	398879.1393	5321744.2323
99	NA-1009	Reserved (surface or subsurface)	398929.1393	5321704.2323
100	NA-945	Reserved (surface or subsurface)	398859.1393	5321714.2323
101	NA-1159	Reserved (surface or subsurface)	398829.1393	5321664.2323
102	NA-367	Reserved (surface or subsurface)	399299.1393	5321834.2323
103	NA-952	Reserved (surface or subsurface)	398929.1393	5321714.2323
104	NA-198	Reserved (surface or subsurface)	399359.1393	5321874.2323
105	NA-309	Reserved (surface or subsurface)	399199.1393	5321844.2323
106	NA-219	Reserved (surface or subsurface)	399199.1393	5321864.2323

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	NA-6	Reserved (surface or subsurface)	399259.1393	5321954.2323
108	NA-183	Reserved (surface or subsurface)	399209.1393	5321874.2323
109	NA-663	Reserved (surface or subsurface)	399309.1393	5321774.2323
110	NA-966	Reserved (surface or subsurface)	399069.1393	5321714.2323
111	NA-1187	Reserved (surface or subsurface)	398889.1393	5321654.2323
112	NA-169	Reserved (surface or subsurface)	399389.1393	5321884.2323
113	NA-207	Reserved (surface or subsurface)	399079.1393	5321864.2323
114	NA-502	Reserved (surface or subsurface)	399029.1393	5321804.2323
115	NA-1078	Reserved (surface or subsurface)	399109.1393	5321694.2323
116	NA-403	Reserved (surface or subsurface)	399139.1393	5321824.2323
117	NA-98	Reserved (surface or subsurface)	399259.1393	5321904.2323
118	NA-583	Reserved (surface or subsurface)	399339.1393	5321794.2323
119	NA-616	Reserved (surface or subsurface)	399239.1393	5321784.2323
120	NA-280	Reserved (surface or subsurface)	399369.1393	5321854.2323
121	NA-393	Reserved (surface or subsurface)	399039.1393	5321824.2323
122	NA-257	Reserved (surface or subsurface)	399139.1393	5321854.2323
123	NA-310	Reserved (surface or subsurface)	399209.1393	5321844.2323
124	NA-525	Reserved (surface or subsurface)	399259.1393	5321804.2323
125	NA-835	Reserved (surface or subsurface)	399039.1393	5321734.2323
126	NA-610	Reserved (surface or subsurface)	399179.1393	5321784.2323
127	NA-603	Reserved (surface or subsurface)	399109.1393	5321784.2323
128	NA-737	Reserved (surface or subsurface)	399269.1393	5321754.2323
129	NA-864	Reserved (surface or subsurface)	398669.1393	5321724.2323
130	NA-72	Reserved (surface or subsurface)	399239.1393	5321914.2323
131	NA-197	Reserved (surface or subsurface)	399349.1393	5321874.2323
132	NA-955	Reserved (surface or subsurface)	398959.1393	5321714.2323
133	NA-1045	Reserved (surface or subsurface)	399289.1393	5321704.2323
134	NA-997	Reserved (surface or subsurface)	398809.1393	5321704.2323
135	NA-690	Reserved (surface or subsurface)	399199.1393	5321764.2323
136	NA-1062	Reserved (surface or subsurface)	398949.1393	5321694.2323
137	NA-1193	Reserved (surface or subsurface)	398949.1393	5321654.2323
138	NA-637	Reserved (surface or subsurface)	398879.1393	5321774.2323
139	NA-544	Reserved (surface or subsurface)	398849.1393	5321794.2323
140	NA-501	Reserved (surface or subsurface)	399019.1393	5321804.2323
141	NA-8	Reserved (surface or subsurface)	399279.1393	5321954.2323
142	NA-858	Reserved (surface or subsurface)	399269.1393	5321734.2323
143	NA-435	Reserved (surface or subsurface)	398929.1393	5321814.2323
144	NA-742	Reserved (surface or subsurface)	399319.1393	5321754.2323
145	NA-1126	Reserved (surface or subsurface)	399129.1393	5321684.2323
146	NA-901	Reserved (surface or subsurface)	399039.1393	5321724.2323
147	NA-229	Reserved (surface or subsurface)	399299.1393	5321864.2323
148	NA-685	Reserved (surface or subsurface)	399149.1393	5321764.2323
149	NA-1143	Reserved (surface or subsurface)	398919.1393	5321674.2323
150	NA-344	Reserved (surface or subsurface)	399069.1393	5321834.2323

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	MP-242	Surface	397045.1353	5321941.8710
2	MP-188	Surface	397095.1353	5321961.8710
3	MP-557	Surface	396885.1353	5321771.8710
4	MP-575	Surface	396815.1353	5321751.8710
5	MP-229	Surface	397205.1353	5321951.8710
6	MP-20	Surface	397135.1353	5322041.8710
7	MP-46	Surface	397085.1353	5322011.8710
8	MP-552	Surface	396835.1353	5321771.8710
9	MP-357	Surface	396965.1353	5321891.8710
10	MP-196	Surface	397175.1353	5321961.8710
11	MP-368	Surface	396905.1353	5321881.8710
12	MP-150	Surface	397325.1353	5321981.8710
13	MP-24	Surface	397095.1353	5322031.8710
14	MP-32	Surface	397075.1353	5322021.8710
15	MP-356	Surface	396955.1353	5321891.8710
16	MP-85	Surface	397335.1353	5322001.8710
17	MP-90	Surface	397055.1353	5321991.8710
18	MP-403	Surface	396925.1353	5321861.8710
19	MP-84	Surface	397325.1353	5322001.8710
20	MP-321	Surface	397025.1353	5321911.8710
21	MP-93	Surface	397085.1353	5321991.8710
22	MP-202	Surface	397235.1353	5321961.8710
23	MP-245	Surface	397075.1353	5321941.8710
24	MP-163	Surface	397145.1353	5321971.8710
25	MP-382	Surface	397045.1353	5321881.8710
26	MP-51	Surface	397135.1353	5322011.8710
27	MP-475	Surface	396935.1353	5321821.8710
28	MP-262	Surface	397255.1353	5321941.8710
29	MP-228	Surface	397195.1353	5321951.8710
30	MP-247	Surface	397105.1353	5321941.8710
31	MP-254	Surface	397175.1353	5321941.8710
32	MP-19	Surface	397125.1353	5322041.8710
33	MP-257	Surface	397205.1353	5321941.8710
34	MP-590	Surface	396815.1353	5321731.8710
35	MP-461	Surface	396975.1353	5321831.8710
36	MP-524	Surface	396885.1353	5321791.8710
37	MP-239	Surface	397305.1353	5321951.8710
38	MP-445	Surface	397005.1353	5321841.8710
39	MP-425	Surface	396985.1353	5321851.8710
40	MP-435	Surface	396905.1353	5321841.8710
41	MP-72	Surface	397155.1353	5322001.8710
42	MP-29	Surface	397145.1353	5322031.8710
43	MP-387	Surface	396925.1353	5321871.8710
44	MP-393	Surface	396985.1353	5321871.8710
45	MP-238	Surface	397295.1353	5321951.8710
46	MP-168	Surface	397195.1353	5321971.8710
47	MP-588	Surface	396855.1353	5321741.8710
48	MP-432	Surface	396875.1353	5321841.8710
49	MP-74	Surface	397175.1353	5322001.8710
50	MP-351	Surface	397185.1353	5321901.8710
51	MP-525	Surface	396895.1353	5321791.8710
52	MP-506	Surface	396885.1353	5321801.8710
53	MP-347	Surface	397145.1353	5321901.8710

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	MP-532	Surface	396795.1353	5321781.8710
55	MP-67	Surface	397105.1353	5322001.8710
56	MP-573	Surface	396795.1353	5321751.8710
57	MP-45	Surface	397075.1353	5322011.8710
58	MP-104	Surface	397195.1353	5321991.8710
59	MP-205	Surface	397265.1353	5321961.8710
60	MP-236	Surface	397275.1353	5321951.8710
61	MP-408	Subsurface	396975.1353	5321861.8710
62	MP-549	Subsurface	396805.1353	5321771.8710
63	MP-333	Subsurface	397205.1353	5321911.8710
64	MP-295	Subsurface	397005.1353	5321921.8710
65	MP-235	Subsurface	397265.1353	5321951.8710
66	MP-15	Reserved (surface or subsurface)	397085.1353	5322041.8710
67	MP-462	Reserved (surface or subsurface)	396985.1353	5321831.8710
68	MP-323	Reserved (surface or subsurface)	397045.1353	5321911.8710
69	MP-256	Reserved (surface or subsurface)	397195.1353	5321941.8710
70	MP-398	Reserved (surface or subsurface)	397035.1353	5321871.8710
71	MP-576	Reserved (surface or subsurface)	396825.1353	5321751.8710
72	MP-533	Reserved (surface or subsurface)	396805.1353	5321781.8710
73	MP-456	Reserved (surface or subsurface)	396925.1353	5321831.8710
74	MP-375	Reserved (surface or subsurface)	396975.1353	5321881.8710
75	MP-184	Reserved (surface or subsurface)	397055.1353	5321961.8710
76	MP-219	Reserved (surface or subsurface)	397105.1353	5321951.8710
77	MP-37	Reserved (surface or subsurface)	397125.1353	5322021.8710
78	MP-504	Reserved (surface or subsurface)	396865.1353	5321801.8710
79	MP-363	Reserved (surface or subsurface)	397025.1353	5321891.8710
80	MP-517	Reserved (surface or subsurface)	396815.1353	5321791.8710
81	MP-378	Reserved (surface or subsurface)	397005.1353	5321881.8710
82	MP-79	Reserved (surface or subsurface)	397275.1353	5322001.8710
83	MP-592	Reserved (surface or subsurface)	396835.1353	5321731.8710
84	MP-176	Reserved (surface or subsurface)	397275.1353	5321971.8710
85	MP-510	Reserved (surface or subsurface)	396925.1353	5321801.8710
86	MP-111	Reserved (surface or subsurface)	397265.1353	5321991.8710
87	MP-531	Reserved (surface or subsurface)	396785.1353	5321781.8710
88	MP-405	Reserved (surface or subsurface)	396945.1353	5321861.8710
89	MP-426	Reserved (surface or subsurface)	396995.1353	5321851.8710
90	MP-521	Reserved (surface or subsurface)	396855.1353	5321791.8710
91	MP-140	Reserved (surface or subsurface)	397225.1353	5321981.8710
92	MP-330	Reserved (surface or subsurface)	397175.1353	5321911.8710
93	MP-362	Reserved (surface or subsurface)	397015.1353	5321891.8710
94	MP-477	Reserved (surface or subsurface)	396955.1353	5321821.8710
95	MP-520	Reserved (surface or subsurface)	396845.1353	5321791.8710
96	MP-388	Reserved (surface or subsurface)	396935.1353	5321871.8710
97	MP-288	Reserved (surface or subsurface)	397245.1353	5321931.8710
98	MP-567	Reserved (surface or subsurface)	396845.1353	5321761.8710
99	MP-203	Reserved (surface or subsurface)	397245.1353	5321961.8710
100	MP-430	Reserved (surface or subsurface)	397035.1353	5321851.8710
101	MP-69	Reserved (surface or subsurface)	397125.1353	5322001.8710
102	MP-486	Reserved (surface or subsurface)	396865.1353	5321811.8710
103	MP-449	Reserved (surface or subsurface)	396855.1353	5321831.8710
104	MP-427	Reserved (surface or subsurface)	397005.1353	5321851.8710
105	MP-411	Reserved (surface or subsurface)	397005.1353	5321861.8710
106	MP-355	Reserved (surface or subsurface)	396945.1353	5321891.8710

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	MP-21	Reserved (surface or subsurface)	397065.1353	5322031.8710
108	MP-113	Reserved (surface or subsurface)	397285.1353	5321991.8710
109	MP-400	Reserved (surface or subsurface)	397055.1353	5321871.8710
110	MP-470	Reserved (surface or subsurface)	396885.1353	5321821.8710
111	MP-210	Reserved (surface or subsurface)	397315.1353	5321961.8710
112	MP-516	Reserved (surface or subsurface)	396805.1353	5321791.8710
113	MP-500	Reserved (surface or subsurface)	396825.1353	5321801.8710
114	MP-488	Reserved (surface or subsurface)	396885.1353	5321811.8710
115	MP-527	Reserved (surface or subsurface)	396915.1353	5321791.8710
116	MP-386	Reserved (surface or subsurface)	396915.1353	5321871.8710
117	MP-369	Reserved (surface or subsurface)	396915.1353	5321881.8710
118	MP-129	Reserved (surface or subsurface)	397115.1353	5321981.8710
119	MP-389	Reserved (surface or subsurface)	396945.1353	5321871.8710
120	MP-404	Reserved (surface or subsurface)	396935.1353	5321861.8710
121	MP-423	Reserved (surface or subsurface)	396965.1353	5321851.8710
122	MP-452	Reserved (surface or subsurface)	396885.1353	5321831.8710
123	MP-526	Reserved (surface or subsurface)	396905.1353	5321791.8710
124	MP-418	Reserved (surface or subsurface)	396915.1353	5321851.8710
125	MP-493	Reserved (surface or subsurface)	396935.1353	5321811.8710
126	MP-41	Reserved (surface or subsurface)	397335.1353	5322021.8710
127	MP-164	Reserved (surface or subsurface)	397155.1353	5321971.8710
128	MP-480	Reserved (surface or subsurface)	396985.1353	5321821.8710
129	MP-507	Reserved (surface or subsurface)	396895.1353	5321801.8710
130	MP-173	Reserved (surface or subsurface)	397245.1353	5321971.8710
131	MP-541	Reserved (surface or subsurface)	396885.1353	5321781.8710
132	MP-126	Reserved (surface or subsurface)	397085.1353	5321981.8710
133	MP-81	Reserved (surface or subsurface)	397295.1353	5322001.8710
134	MP-145	Reserved (surface or subsurface)	397275.1353	5321981.8710
135	MP-585	Reserved (surface or subsurface)	396825.1353	5321741.8710
136	MP-279	Reserved (surface or subsurface)	397155.1353	5321931.8710
137	MP-39	Reserved (surface or subsurface)	397145.1353	5322021.8710
138	MP-302	Reserved (surface or subsurface)	397125.1353	5321921.8710
139	MP-124	Reserved (surface or subsurface)	397065.1353	5321981.8710
140	MP-518	Reserved (surface or subsurface)	396825.1353	5321791.8710
141	MP-546	Reserved (surface or subsurface)	396935.1353	5321781.8710
142	MP-82	Reserved (surface or subsurface)	397305.1353	5322001.8710
143	MP-94	Reserved (surface or subsurface)	397095.1353	5321991.8710
144	MP-5	Reserved (surface or subsurface)	397105.1353	5322061.8710
145	MP-545	Reserved (surface or subsurface)	396925.1353	5321781.8710
146	MP-128	Reserved (surface or subsurface)	397105.1353	5321981.8710
147	MP-570	Reserved (surface or subsurface)	396875.1353	5321761.8710
148	MP-424	Reserved (surface or subsurface)	396975.1353	5321851.8710
149	MP-322	Reserved (surface or subsurface)	397035.1353	5321911.8710
150	MP-27	Reserved (surface or subsurface)	397125.1353	5322031.8710

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	MG-365	Surface	398225.5904	5315475.0855
2	MG-764	Surface	398525.5904	5315345.0855
3	MG-731	Surface	398545.5904	5315365.0855
4	MG-819	Surface	398475.5904	5315305.0855
5	MG-814	Surface	398585.5904	5315315.0855
6	MG-574	Surface	398245.5904	5315415.0855
7	MG-484	Surface	398285.5904	5315445.0855
8	MG-725	Surface	398485.5904	5315365.0855
9	MG-315	Surface	398565.5904	5315495.0855
10	MG-1117	Surface	398785.5904	5315195.0855
11	MG-817	Surface	398455.5904	5315305.0855
12	MG-92	Surface	398175.5904	5315605.0855
13	MG-246	Surface	398245.5904	5315505.0855
14	MG-420	Surface	398375.5904	5315465.0855
15	MG-1177	Surface	398785.5904	5315155.0855
16	MG-931	Surface	398735.5904	5315265.0855
17	MG-567	Surface	398475.5904	5315425.0855
18	MG-740	Surface	398395.5904	5315355.0855
19	MG-215	Surface	398285.5904	5315515.0855
20	MG-548	Surface	398285.5904	5315425.0855
21	MG-1118	Surface	398795.5904	5315195.0855
22	MG-1159	Surface	398715.5904	5315165.0855
23	MG-167	Surface	398225.5904	5315535.0855
24	MG-922	Surface	398635.5904	5315265.0855
25	MG-805	Surface	398495.5904	5315315.0855
26	MG-1164	Surface	398765.5904	5315165.0855
27	MG-868	Surface	398545.5904	5315285.0855
28	MG-532	Surface	398435.5904	5315435.0855
29	MG-674	Surface	398405.5904	5315385.0855
30	MG-961	Surface	398515.5904	5315245.0855
31	MG-1180	Surface	398735.5904	5315145.0855
32	MG-796	Surface	398555.5904	5315325.0855
33	MG-142	Surface	398185.5904	5315555.0855
34	MG-897	Surface	398605.5904	5315275.0855
35	MG-713	Surface	398335.5904	5315365.0855
36	MG-862	Surface	398485.5904	5315285.0855
37	MG-636	Surface	398295.5904	5315395.0855
38	MG-8	Surface	398225.5904	5315695.0855
39	MG-683	Surface	398495.5904	5315385.0855
40	MG-1049	Surface	398565.5904	5315215.0855
41	MG-85	Surface	398105.5904	5315605.0855
42	MG-761	Surface	398495.5904	5315345.0855
43	MG-260	Surface	398465.5904	5315505.0855
44	MG-649	Surface	398425.5904	5315395.0855
45	MG-666	Surface	398325.5904	5315385.0855
46	MG-1098	Surface	398595.5904	5315195.0855
47	MG-377	Surface	398345.5904	5315475.0855
48	MG-770	Surface	398345.5904	5315335.0855
49	MG-370	Surface	398275.5904	5315475.0855
50	MG-944	Surface	398625.5904	5315255.0855
51	MG-738	Surface	398375.5904	5315355.0855
52	MG-312	Surface	398535.5904	5315495.0855
53	MG-149	Surface	398155.5904	5315545.0855

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	MG-752	Surface	398325.5904	5315345.0855
55	MG-617	Surface	398385.5904	5315405.0855
56	MG-629	Surface	398505.5904	5315405.0855
57	MG-773	Surface	398465.5904	5315335.0855
58	MG-361	Surface	398185.5904	5315475.0855
59	MG-22	Surface	398155.5904	5315665.0855
60	MG-939	Surface	398575.5904	5315255.0855
61	MG-1144	Subsurface	398685.5904	5315175.0855
62	MG-467	Subsurface	398465.5904	5315455.0855
63	MG-1065	Subsurface	398725.5904	5315215.0855
64	MG-1109	Subsurface	398705.5904	5315195.0855
65	MG-461	Subsurface	398405.5904	5315455.0855
66	MG-880	Reserved (surface or subsurface)	398665.5904	5315285.0855
67	MG-268	Reserved (surface or subsurface)	398545.5904	5315505.0855
68	MG-136	Reserved (surface or subsurface)	398225.5904	5315565.0855
69	MG-698	Reserved (surface or subsurface)	398405.5904	5315375.0855
70	MG-217	Reserved (surface or subsurface)	398425.5904	5315515.0855
71	MG-37	Reserved (surface or subsurface)	398215.5904	5315655.0855
72	MG-678	Reserved (surface or subsurface)	398445.5904	5315385.0855
73	MG-1037	Reserved (surface or subsurface)	398705.5904	5315225.0855
74	MG-709	Reserved (surface or subsurface)	398535.5904	5315375.0855
75	MG-279	Reserved (surface or subsurface)	398205.5904	5315495.0855
76	MG-978	Reserved (surface or subsurface)	398685.5904	5315245.0855
77	MG-934	Reserved (surface or subsurface)	398525.5904	5315255.0855
78	MG-194	Reserved (surface or subsurface)	398535.5904	5315525.0855
79	MG-1071	Reserved (surface or subsurface)	398785.5904	5315215.0855
80	MG-9	Reserved (surface or subsurface)	398235.5904	5315695.0855
81	MG-1113	Reserved (surface or subsurface)	398745.5904	5315195.0855
82	MG-1010	Reserved (surface or subsurface)	398715.5904	5315235.0855
83	MG-776	Reserved (surface or subsurface)	398495.5904	5315335.0855
84	MG-656	Reserved (surface or subsurface)	398495.5904	5315395.0855
85	MG-103	Reserved (surface or subsurface)	398175.5904	5315595.0855
86	MG-256	Reserved (surface or subsurface)	398425.5904	5315505.0855
87	MG-459	Reserved (surface or subsurface)	398385.5904	5315455.0855
88	MG-123	Reserved (surface or subsurface)	398185.5904	5315575.0855
89	MG-527	Reserved (surface or subsurface)	398385.5904	5315435.0855
90	MG-477	Reserved (surface or subsurface)	398215.5904	5315445.0855
91	MG-286	Reserved (surface or subsurface)	398275.5904	5315495.0855
92	MG-661	Reserved (surface or subsurface)	398275.5904	5315385.0855
93	MG-353	Reserved (surface or subsurface)	398515.5904	5315485.0855
94	MG-494	Reserved (surface or subsurface)	398385.5904	5315445.0855
95	MG-904	Reserved (surface or subsurface)	398675.5904	5315275.0855
96	MG-682	Reserved (surface or subsurface)	398485.5904	5315385.0855
97	MG-930	Reserved (surface or subsurface)	398725.5904	5315265.0855
98	MG-746	Reserved (surface or subsurface)	398505.5904	5315355.0855
99	MG-457	Reserved (surface or subsurface)	398365.5904	5315455.0855
100	MG-162	Reserved (surface or subsurface)	398175.5904	5315535.0855
101	MG-2	Reserved (surface or subsurface)	398225.5904	5315705.0855
102	MG-646	Reserved (surface or subsurface)	398395.5904	5315395.0855
103	MG-193	Reserved (surface or subsurface)	398525.5904	5315525.0855
104	MG-547	Reserved (surface or subsurface)	398275.5904	5315425.0855
105	MG-393	Reserved (surface or subsurface)	398505.5904	5315475.0855
106	MG-1007	Reserved (surface or subsurface)	398685.5904	5315235.0855

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	MG-766	Reserved (surface or subsurface)	398545.5904	5315345.0855
108	MG-202	Reserved (surface or subsurface)	398615.5904	5315525.0855
109	MG-33	Reserved (surface or subsurface)	398175.5904	5315655.0855
110	MG-710	Reserved (surface or subsurface)	398305.5904	5315365.0855
111	MG-174	Reserved (surface or subsurface)	398165.5904	5315525.0855
112	MG-748	Reserved (surface or subsurface)	398525.5904	5315355.0855
113	MG-13	Reserved (surface or subsurface)	398215.5904	5315685.0855
114	MG-989	Reserved (surface or subsurface)	398795.5904	5315245.0855
115	MG-212	Reserved (surface or subsurface)	398255.5904	5315515.0855
116	MG-747	Reserved (surface or subsurface)	398515.5904	5315355.0855
117	MG-1161	Reserved (surface or subsurface)	398735.5904	5315165.0855
118	MG-302	Reserved (surface or subsurface)	398435.5904	5315495.0855
119	MG-173	Reserved (surface or subsurface)	398155.5904	5315525.0855
120	MG-311	Reserved (surface or subsurface)	398525.5904	5315495.0855
121	MG-872	Reserved (surface or subsurface)	398585.5904	5315285.0855
122	MG-363	Reserved (surface or subsurface)	398205.5904	5315475.0855
123	MG-369	Reserved (surface or subsurface)	398265.5904	5315475.0855
124	MG-68	Reserved (surface or subsurface)	398195.5904	5315625.0855
125	MG-873	Reserved (surface or subsurface)	398595.5904	5315285.0855
126	MG-476	Reserved (surface or subsurface)	398205.5904	5315445.0855
127	MG-1171	Reserved (surface or subsurface)	398725.5904	5315155.0855
128	MG-448	Reserved (surface or subsurface)	398275.5904	5315455.0855
129	MG-1121	Reserved (surface or subsurface)	398625.5904	5315185.0855
130	MG-537	Reserved (surface or subsurface)	398485.5904	5315435.0855
131	MG-3	Reserved (surface or subsurface)	398235.5904	5315705.0855
132	MG-88	Reserved (surface or subsurface)	398135.5904	5315605.0855
133	MG-1087	Reserved (surface or subsurface)	398695.5904	5315205.0855
134	MG-760	Reserved (surface or subsurface)	398485.5904	5315345.0855
135	MG-456	Reserved (surface or subsurface)	398355.5904	5315455.0855
136	MG-399	Reserved (surface or subsurface)	398565.5904	5315475.0855
137	MG-122	Reserved (surface or subsurface)	398175.5904	5315575.0855
138	MG-488	Reserved (surface or subsurface)	398325.5904	5315445.0855
139	MG-415	Reserved (surface or subsurface)	398325.5904	5315465.0855
140	MG-1042	Reserved (surface or subsurface)	398755.5904	5315225.0855
141	MG-519	Reserved (surface or subsurface)	398305.5904	5315435.0855
142	MG-910	Reserved (surface or subsurface)	398515.5904	5315265.0855
143	MG-542	Reserved (surface or subsurface)	398225.5904	5315425.0855
144	MG-357	Reserved (surface or subsurface)	398555.5904	5315485.0855
145	MG-210	Reserved (surface or subsurface)	398235.5904	5315515.0855
146	MG-903	Reserved (surface or subsurface)	398665.5904	5315275.0855
147	MG-117	Reserved (surface or subsurface)	398225.5904	5315585.0855
148	MG-894	Reserved (surface or subsurface)	398575.5904	5315275.0855
149	MG-1138	Reserved (surface or subsurface)	398795.5904	5315185.0855
150	MG-327	Reserved (surface or subsurface)	398255.5904	5315485.0855

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	SB-4	Surface	399342.9488	5300888.3453
2	SB-333	Surface	399242.9488	5300458.3453
3	SB-279	Surface	399262.9488	5300528.3453
4	SB-467	Surface	399342.9488	5300318.3453
5	SB-263	Surface	399272.9488	5300548.3453
6	SB-396	Surface	399282.9488	5300378.3453
7	SB-277	Surface	399242.9488	5300528.3453
8	SB-76	Surface	399342.9488	5300798.3453
9	SB-237	Surface	399322.9488	5300588.3453
10	SB-400	Surface	399322.9488	5300378.3453
11	SB-13	Surface	399312.9488	5300868.3453
12	SB-538	Surface	399412.9488	5300278.3453
13	SB-23	Surface	399332.9488	5300858.3453
14	SB-260	Surface	399312.9488	5300558.3453
15	SB-395	Surface	399272.9488	5300378.3453
16	SB-273	Surface	399292.9488	5300538.3453
17	SB-238	Surface	399332.9488	5300588.3453
18	SB-217	Surface	399282.9488	5300608.3453
19	SB-124	Surface	399272.9488	5300728.3453
20	SB-517	Surface	399382.9488	5300288.3453
21	SB-107	Surface	399262.9488	5300748.3453
22	SB-274	Surface	399302.9488	5300538.3453
23	SB-524	Surface	399272.9488	5300278.3453
24	SB-371	Surface	399272.9488	5300408.3453
25	SB-114	Surface	399332.9488	5300748.3453
26	SB-433	Surface	399242.9488	5300338.3453
27	SB-320	Surface	399272.9488	5300478.3453
28	SB-339	Surface	399302.9488	5300458.3453
29	SB-397	Surface	399292.9488	5300378.3453
30	SB-490	Surface	399302.9488	5300298.3453
31	SB-166	Surface	399302.9488	5300678.3453
32	SB-244	Surface	399312.9488	5300578.3453
33	SB-542	Surface	399272.9488	5300268.3453
34	SB-592	Surface	399322.9488	5300238.3453
35	SB-308	Surface	399312.9488	5300498.3453
36	SB-547	Surface	399322.9488	5300268.3453
37	SB-203	Surface	399302.9488	5300628.3453
38	SB-55	Surface	399322.9488	5300818.3453
39	SB-287	Surface	399262.9488	5300518.3453
40	SB-552	Surface	399372.9488	5300268.3453
41	SB-528	Surface	399312.9488	5300278.3453
42	SB-157	Surface	399282.9488	5300688.3453
43	SB-130	Surface	399332.9488	5300728.3453
44	SB-56	Surface	399332.9488	5300818.3453
45	SB-562	Surface	399312.9488	5300258.3453
46	SB-92	Surface	399272.9488	5300768.3453
47	SB-407	Surface	399292.9488	5300368.3453
48	SB-465	Surface	399322.9488	5300318.3453
49	SB-298	Surface	399292.9488	5300508.3453
50	SB-73	Surface	399312.9488	5300798.3453
51	SB-483	Surface	399382.9488	5300308.3453
52	SB-318	Surface	399252.9488	5300478.3453
53	SB-635	Surface	399402.9488	5300208.3453

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	SB-167	Surface	399312.9488	5300678.3453
55	SB-215	Surface	399262.9488	5300608.3453
56	SB-580	Surface	399342.9488	5300248.3453
57	SB-317	Surface	399242.9488	5300478.3453
58	SB-529	Surface	399322.9488	5300278.3453
59	SB-461	Surface	399282.9488	5300318.3453
60	SB-499	Surface	399392.9488	5300298.3453
61	SB-32	Subsurface	399342.9488	5300848.3453
62	SB-539	Subsurface	399422.9488	5300278.3453
63	SB-558	Subsurface	399432.9488	5300268.3453
64	SB-15	Subsurface	399332.9488	5300868.3453
65	SB-345	Subsurface	399282.9488	5300448.3453
66	SB-8	Reserved (surface or subsurface)	399332.9488	5300878.3453
67	SB-459	Reserved (surface or subsurface)	399262.9488	5300318.3453
68	SB-391	Reserved (surface or subsurface)	399322.9488	5300388.3453
69	SB-350	Reserved (surface or subsurface)	399262.9488	5300438.3453
70	SB-555	Reserved (surface or subsurface)	399402.9488	5300268.3453
71	SB-492	Reserved (surface or subsurface)	399322.9488	5300298.3453
72	SB-582	Reserved (surface or subsurface)	399362.9488	5300248.3453
73	SB-385	Reserved (surface or subsurface)	399262.9488	5300388.3453
74	SB-83	Reserved (surface or subsurface)	399332.9488	5300788.3453
75	SB-567	Reserved (surface or subsurface)	399362.9488	5300258.3453
76	SB-72	Reserved (surface or subsurface)	399302.9488	5300798.3453
77	SB-403	Reserved (surface or subsurface)	399252.9488	5300368.3453
78	SB-242	Reserved (surface or subsurface)	399292.9488	5300578.3453
79	SB-231	Reserved (surface or subsurface)	399262.9488	5300588.3453
80	SB-58	Reserved (surface or subsurface)	399352.9488	5300818.3453
81	SB-388	Reserved (surface or subsurface)	399292.9488	5300388.3453
82	SB-615	Reserved (surface or subsurface)	399422.9488	5300228.3453
83	SB-213	Reserved (surface or subsurface)	399322.9488	5300618.3453
84	SB-214	Reserved (surface or subsurface)	399332.9488	5300618.3453
85	SB-375	Reserved (surface or subsurface)	399312.9488	5300408.3453
86	SB-34	Reserved (surface or subsurface)	399362.9488	5300848.3453
87	SB-163	Reserved (surface or subsurface)	399272.9488	5300678.3453
88	SB-191	Reserved (surface or subsurface)	399262.9488	5300638.3453
89	SB-540	Reserved (surface or subsurface)	399432.9488	5300278.3453
90	SB-82	Reserved (surface or subsurface)	399322.9488	5300788.3453
91	SB-487	Reserved (surface or subsurface)	399272.9488	5300298.3453
92	SB-531	Reserved (surface or subsurface)	399342.9488	5300278.3453
93	SB-223	Reserved (surface or subsurface)	399262.9488	5300598.3453
94	SB-361	Reserved (surface or subsurface)	399312.9488	5300428.3453
95	SB-500	Reserved (surface or subsurface)	399402.9488	5300298.3453
96	SB-632	Reserved (surface or subsurface)	399372.9488	5300208.3453
97	SB-311	Reserved (surface or subsurface)	399262.9488	5300488.3453
98	SB-357	Reserved (surface or subsurface)	399272.9488	5300428.3453
99	SB-522	Reserved (surface or subsurface)	399432.9488	5300288.3453
100	SB-38	Reserved (surface or subsurface)	399312.9488	5300838.3453
101	SB-629	Reserved (surface or subsurface)	399342.9488	5300208.3453
102	SB-147	Reserved (surface or subsurface)	399262.9488	5300698.3453
103	SB-362	Reserved (surface or subsurface)	399322.9488	5300428.3453
104	SB-502	Reserved (surface or subsurface)	399422.9488	5300298.3453
105	SB-85	Reserved (surface or subsurface)	399282.9488	5300778.3453
106	SB-27	Reserved (surface or subsurface)	399372.9488	5300858.3453

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	SB-447	Reserved (surface or subsurface)	399262.9488	5300328.3453
108	SB-605	Reserved (surface or subsurface)	399322.9488	5300228.3453
109	SB-133	Reserved (surface or subsurface)	399282.9488	5300718.3453
110	SB-264	Reserved (surface or subsurface)	399282.9488	5300548.3453
111	SB-637	Reserved (surface or subsurface)	399422.9488	5300208.3453
112	SB-31	Reserved (surface or subsurface)	399332.9488	5300848.3453
113	SB-144	Reserved (surface or subsurface)	399312.9488	5300708.3453
114	SB-422	Reserved (surface or subsurface)	399242.9488	5300348.3453
115	SB-393	Reserved (surface or subsurface)	399252.9488	5300378.3453
116	SB-245	Reserved (surface or subsurface)	399322.9488	5300578.3453
117	SB-549	Reserved (surface or subsurface)	399342.9488	5300268.3453
118	SB-48	Reserved (surface or subsurface)	399332.9488	5300828.3453
119	SB-457	Reserved (surface or subsurface)	399362.9488	5300328.3453
120	SB-192	Reserved (surface or subsurface)	399272.9488	5300638.3453
121	SB-409	Reserved (surface or subsurface)	399312.9488	5300368.3453
122	SB-219	Reserved (surface or subsurface)	399302.9488	5300608.3453
123	SB-179	Reserved (surface or subsurface)	399292.9488	5300658.3453
124	SB-450	Reserved (surface or subsurface)	399292.9488	5300328.3453
125	SB-272	Reserved (surface or subsurface)	399282.9488	5300538.3453
126	SB-141	Reserved (surface or subsurface)	399282.9488	5300708.3453
127	SB-104	Reserved (surface or subsurface)	399312.9488	5300758.3453
128	SB-521	Reserved (surface or subsurface)	399422.9488	5300288.3453
129	SB-75	Reserved (surface or subsurface)	399332.9488	5300798.3453
130	SB-227	Reserved (surface or subsurface)	399302.9488	5300598.3453
131	SB-283	Reserved (surface or subsurface)	399302.9488	5300528.3453
132	SB-132	Reserved (surface or subsurface)	399272.9488	5300718.3453
133	SB-354	Reserved (surface or subsurface)	399302.9488	5300438.3453
134	SB-305	Reserved (surface or subsurface)	399282.9488	5300498.3453
135	SB-631	Reserved (surface or subsurface)	399362.9488	5300208.3453
136	SB-28	Reserved (surface or subsurface)	399302.9488	5300848.3453
137	SB-507	Reserved (surface or subsurface)	399282.9488	5300288.3453
138	SB-489	Reserved (surface or subsurface)	399292.9488	5300298.3453
139	SB-208	Reserved (surface or subsurface)	399272.9488	5300618.3453
140	SB-399	Reserved (surface or subsurface)	399312.9488	5300378.3453
141	SB-326	Reserved (surface or subsurface)	399252.9488	5300468.3453
142	SB-331	Reserved (surface or subsurface)	399302.9488	5300468.3453
143	SB-427	Reserved (surface or subsurface)	399292.9488	5300348.3453
144	SB-87	Reserved (surface or subsurface)	399302.9488	5300778.3453
145	SB-453	Reserved (surface or subsurface)	399322.9488	5300328.3453
146	SB-634	Reserved (surface or subsurface)	399392.9488	5300208.3453
147	SB-151	Reserved (surface or subsurface)	399302.9488	5300698.3453
148	SB-418	Reserved (surface or subsurface)	399302.9488	5300358.3453
149	SB-445	Reserved (surface or subsurface)	399242.9488	5300328.3453
150	SB-384	Reserved (surface or subsurface)	399252.9488	5300388.3453

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	HC-55	Surface	398142.8859	5298598.7922
2	HC-217	Surface	397932.8859	5298388.7922
3	HC-163	Surface	398072.8859	5298448.7922
4	HC-291	Surface	397932.8859	5298308.7922
5	HC-131	Surface	398092.8859	5298488.7922
6	HC-228	Surface	397962.8859	5298378.7922
7	HC-238	Surface	397982.8859	5298368.7922
8	HC-579	Surface	397622.8859	5298008.7922
9	HC-503	Surface	397722.8859	5298098.7922
10	HC-99	Surface	398152.8859	5298538.7922
11	HC-404	Surface	397782.8859	5298198.7922
12	HC-221	Surface	397972.8859	5298388.7922
13	HC-11	Surface	398182.8859	5298648.7922
14	HC-597	Surface	397592.8859	5297978.7922
15	HC-53	Surface	398122.8859	5298598.7922
16	HC-603	Surface	397652.8859	5297978.7922
17	HC-372	Surface	397772.8859	5298238.7922
18	HC-355	Surface	397782.8859	5298258.7922
19	HC-398	Surface	397802.8859	5298208.7922
20	HC-253	Surface	397972.8859	5298348.7922
21	HC-207	Surface	398022.8859	5298408.7922
22	HC-114	Surface	398152.8859	5298518.7922
23	HC-213	Surface	397982.8859	5298398.7922
24	HC-432	Surface	397812.8859	5298168.7922
25	HC-318	Surface	397852.8859	5298288.7922
26	HC-632	Surface	397632.8859	5297938.7922
27	HC-202	Surface	397972.8859	5298408.7922
28	HC-529	Surface	397652.8859	5298068.7922
29	HC-609	Surface	397642.8859	5297968.7922
30	HC-80	Surface	398172.8859	5298568.7922
31	HC-371	Surface	397842.8859	5298248.7922
32	HC-105	Surface	398132.8859	5298528.7922
33	HC-514	Surface	397722.8859	5298088.7922
34	HC-72	Surface	398162.8859	5298578.7922
35	HC-138	Surface	398082.8859	5298478.7922
36	HC-439	Surface	397772.8859	5298158.7922
37	HC-143	Surface	398052.8859	5298468.7922
38	HC-151	Surface	398042.8859	5298458.7922
39	HC-600	Surface	397622.8859	5297978.7922
40	HC-384	Surface	397822.8859	5298228.7922
41	HC-348	Surface	397822.8859	5298268.7922
42	HC-224	Surface	397922.8859	5298378.7922
43	HC-443	Surface	397812.8859	5298158.7922
44	HC-222	Surface	397982.8859	5298388.7922
45	HC-341	Surface	397912.8859	5298278.7922
46	HC-584	Surface	397602.8859	5297998.7922
47	HC-426	Surface	397752.8859	5298168.7922
48	HC-436	Surface	397742.8859	5298158.7922
49	HC-10	Surface	398172.8859	5298648.7922
50	HC-150	Surface	398032.8859	5298458.7922
51	HC-310	Surface	397952.8859	5298298.7922
52	HC-15	Surface	398222.8859	5298648.7922
53	HC-476	Surface	397672.8859	5298118.7922

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	HC-7	Surface	398142.8859	5298648.7922
55	HC-423	Surface	397812.8859	5298178.7922
56	HC-135	Surface	398052.8859	5298478.7922
57	HC-206	Surface	398012.8859	5298408.7922
58	HC-45	Surface	398122.8859	5298608.7922
59	HC-173	Surface	397962.8859	5298428.7922
60	HC-172	Surface	398072.8859	5298438.7922
61	HC-478	Subsurface	397692.8859	5298118.7922
62	HC-255	Subsurface	397912.8859	5298338.7922
63	HC-617	Subsurface	397642.8859	5297958.7922
64	HC-393	Subsurface	397832.8859	5298218.7922
65	HC-501	Subsurface	397702.8859	5298098.7922
66	HC-227	Reserved (surface or subsurface)	397952.8859	5298378.7922
67	HC-52	Reserved (surface or subsurface)	398192.8859	5298608.7922
68	HC-276	Reserved (surface or subsurface)	397942.8859	5298318.7922
69	HC-604	Reserved (surface or subsurface)	397592.8859	5297968.7922
70	HC-183	Reserved (surface or subsurface)	398062.8859	5298428.7922
71	HC-153	Reserved (surface or subsurface)	398062.8859	5298458.7922
72	HC-200	Reserved (surface or subsurface)	397952.8859	5298408.7922
73	HC-315	Reserved (surface or subsurface)	397822.8859	5298288.7922
74	HC-149	Reserved (surface or subsurface)	398022.8859	5298458.7922
75	HC-564	Reserved (surface or subsurface)	397632.8859	5298028.7922
76	HC-113	Reserved (surface or subsurface)	398142.8859	5298518.7922
77	HC-496	Reserved (surface or subsurface)	397652.8859	5298098.7922
78	HC-610	Reserved (surface or subsurface)	397652.8859	5297968.7922
79	HC-211	Reserved (surface or subsurface)	397962.8859	5298398.7922
80	HC-250	Reserved (surface or subsurface)	397942.8859	5298348.7922
81	HC-528	Reserved (surface or subsurface)	397642.8859	5298068.7922
82	HC-83	Reserved (surface or subsurface)	398132.8859	5298558.7922
83	HC-621	Reserved (surface or subsurface)	397602.8859	5297948.7922
84	HC-42	Reserved (surface or subsurface)	398192.8859	5298618.7922
85	HC-101	Reserved (surface or subsurface)	398172.8859	5298538.7922
86	HC-22	Reserved (surface or subsurface)	398192.8859	5298638.7922
87	HC-438	Reserved (surface or subsurface)	397762.8859	5298158.7922
88	HC-593	Reserved (surface or subsurface)	397622.8859	5297988.7922
89	HC-586	Reserved (surface or subsurface)	397622.8859	5297998.7922
90	HC-88	Reserved (surface or subsurface)	398182.8859	5298558.7922
91	HC-362	Reserved (surface or subsurface)	397852.8859	5298258.7922
92	HC-608	Reserved (surface or subsurface)	397632.8859	5297968.7922
93	HC-49	Reserved (surface or subsurface)	398162.8859	5298608.7922
94	HC-133	Reserved (surface or subsurface)	398112.8859	5298488.7922
95	HC-565	Reserved (surface or subsurface)	397642.8859	5298028.7922
96	HC-420	Reserved (surface or subsurface)	397782.8859	5298178.7922
97	HC-109	Reserved (surface or subsurface)	398102.8859	5298518.7922
98	HC-358	Reserved (surface or subsurface)	397812.8859	5298258.7922
99	HC-180	Reserved (surface or subsurface)	398032.8859	5298428.7922
100	HC-304	Reserved (surface or subsurface)	397892.8859	5298298.7922
101	HC-643	Reserved (surface or subsurface)	397602.8859	5297918.7922
102	HC-349	Reserved (surface or subsurface)	397832.8859	5298268.7922
103	HC-122	Reserved (surface or subsurface)	398092.8859	5298498.7922
104	HC-225	Reserved (surface or subsurface)	397932.8859	5298378.7922
105	HC-492	Reserved (surface or subsurface)	397722.8859	5298108.7922
106	HC-242	Reserved (surface or subsurface)	397942.8859	5298358.7922

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	HC-399	Reserved (surface or subsurface)	397812.8859	5298208.7922
108	HC-417	Reserved (surface or subsurface)	397752.8859	5298178.7922
109	HC-261	Reserved (surface or subsurface)	397972.8859	5298338.7922
110	HC-34	Reserved (surface or subsurface)	398212.8859	5298628.7922
111	HC-638	Reserved (surface or subsurface)	397612.8859	5297928.7922
112	HC-219	Reserved (surface or subsurface)	397952.8859	5298388.7922
113	HC-67	Reserved (surface or subsurface)	398182.8859	5298588.7922
114	HC-505	Reserved (surface or subsurface)	397742.8859	5298098.7922
115	HC-301	Reserved (surface or subsurface)	397862.8859	5298298.7922
116	HC-201	Reserved (surface or subsurface)	397962.8859	5298408.7922
117	HC-175	Reserved (surface or subsurface)	397982.8859	5298428.7922
118	HC-182	Reserved (surface or subsurface)	398052.8859	5298428.7922
119	HC-190	Reserved (surface or subsurface)	397992.8859	5298418.7922
120	HC-46	Reserved (surface or subsurface)	398132.8859	5298608.7922
121	HC-282	Reserved (surface or subsurface)	397842.8859	5298308.7922
122	HC-464	Reserved (surface or subsurface)	397802.8859	5298138.7922
123	HC-388	Reserved (surface or subsurface)	397782.8859	5298218.7922
124	HC-412	Reserved (surface or subsurface)	397782.8859	5298188.7922
125	HC-425	Reserved (surface or subsurface)	397742.8859	5298168.7922
126	HC-411	Reserved (surface or subsurface)	397772.8859	5298188.7922
127	HC-167	Reserved (surface or subsurface)	398022.8859	5298438.7922
128	HC-382	Reserved (surface or subsurface)	397802.8859	5298228.7922
129	HC-93	Reserved (surface or subsurface)	398162.8859	5298548.7922
130	HC-170	Reserved (surface or subsurface)	398052.8859	5298438.7922
131	HC-117	Reserved (surface or subsurface)	398112.8859	5298508.7922
132	HC-386	Reserved (surface or subsurface)	397762.8859	5298218.7922
133	HC-35	Reserved (surface or subsurface)	398222.8859	5298628.7922
134	HC-5	Reserved (surface or subsurface)	398192.8859	5298658.7922
135	HC-462	Reserved (surface or subsurface)	397782.8859	5298138.7922
136	HC-607	Reserved (surface or subsurface)	397622.8859	5297968.7922
137	HC-350	Reserved (surface or subsurface)	397842.8859	5298268.7922
138	HC-165	Reserved (surface or subsurface)	398002.8859	5298438.7922
139	HC-197	Reserved (surface or subsurface)	398062.8859	5298418.7922
140	HC-332	Reserved (surface or subsurface)	397822.8859	5298278.7922
141	HC-36	Reserved (surface or subsurface)	398132.8859	5298618.7922
142	HC-195	Reserved (surface or subsurface)	398042.8859	5298418.7922
143	HC-369	Reserved (surface or subsurface)	397822.8859	5298248.7922
144	HC-534	Reserved (surface or subsurface)	397702.8859	5298068.7922
145	HC-37	Reserved (surface or subsurface)	398142.8859	5298618.7922
146	HC-460	Reserved (surface or subsurface)	397762.8859	5298138.7922
147	HC-262	Reserved (surface or subsurface)	397982.8859	5298338.7922
148	HC-342	Reserved (surface or subsurface)	397922.8859	5298278.7922
149	HC-470	Reserved (surface or subsurface)	397732.8859	5298128.7922
150	HC-500	Reserved (surface or subsurface)	397692.8859	5298098.7922

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	WS-249	Surface	385200.0527	5304970.7887
2	WS-114	Surface	385210.0527	5305060.7887
3	WS-293	Surface	385200.0527	5304940.7887
4	WS-191	Surface	385260.0527	5305010.7887
5	WS-368	Surface	385250.0527	5304900.7887
6	WS-187	Surface	385220.0527	5305010.7887
7	WS-195	Surface	385140.0527	5305000.7887
8	WS-216	Surface	385180.0527	5304990.7887
9	WS-335	Surface	385280.0527	5304920.7887
10	WS-286	Surface	385280.0527	5304950.7887
11	WS-22	Surface	385190.0527	5305160.7887
12	WS-44	Surface	385220.0527	5305130.7887
13	WS-404	Surface	385240.0527	5304880.7887
14	WS-213	Surface	385150.0527	5304990.7887
15	WS-383	Surface	385210.0527	5304890.7887
16	WS-392	Surface	385300.0527	5304890.7887
17	WS-425	Surface	385180.0527	5304860.7887
18	WS-119	Surface	385260.0527	5305060.7887
19	WS-417	Surface	385220.0527	5304870.7887
20	WS-257	Surface	385280.0527	5304970.7887
21	WS-148	Surface	385140.0527	5305030.7887
22	WS-15	Surface	385180.0527	5305170.7887
23	WS-126	Surface	385200.0527	5305050.7887
24	WS-431	Surface	385240.0527	5304860.7887
25	WS-86	Surface	385180.0527	5305080.7887
26	WS-264	Surface	385210.0527	5304960.7887
27	WS-189	Surface	385240.0527	5305010.7887
28	WS-102	Surface	385220.0527	5305070.7887
29	WS-273	Surface	385300.0527	5304960.7887
30	WS-12	Surface	385210.0527	5305180.7887
31	WS-139	Surface	385190.0527	5305040.7887
32	WS-165	Surface	385160.0527	5305020.7887
33	WS-41	Surface	385190.0527	5305130.7887
34	WS-88	Surface	385200.0527	5305080.7887
35	WS-141	Surface	385210.0527	5305040.7887
36	WS-34	Surface	385190.0527	5305140.7887
37	WS-72	Surface	385150.0527	5305090.7887
38	WS-331	Surface	385240.0527	5304920.7887
39	WS-266	Surface	385230.0527	5304960.7887
40	WS-287	Surface	385290.0527	5304950.7887
41	WS-194	Surface	385290.0527	5305010.7887
42	WS-90	Surface	385220.0527	5305080.7887
43	WS-305	Surface	385320.0527	5304940.7887
44	WS-150	Surface	385160.0527	5305030.7887
45	WS-336	Surface	385290.0527	5304920.7887
46	WS-145	Surface	385250.0527	5305040.7887
47	WS-130	Surface	385240.0527	5305050.7887
48	WS-358	Surface	385330.0527	5304910.7887
49	WS-296	Surface	385230.0527	5304940.7887
50	WS-362	Surface	385190.0527	5304900.7887
51	WS-177	Surface	385280.0527	5305020.7887
52	WS-419	Surface	385240.0527	5304870.7887
53	WS-45	Surface	385150.0527	5305120.7887

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	WS-81	Surface	385240.0527	5305090.7887
55	WS-255	Surface	385260.0527	5304970.7887
56	WS-376	Surface	385330.0527	5304900.7887
57	WS-154	Surface	385200.0527	5305030.7887
58	WS-375	Surface	385320.0527	5304900.7887
59	WS-252	Surface	385230.0527	5304970.7887
60	WS-37	Surface	385150.0527	5305130.7887
61	WS-111	Subsurface	385180.0527	5305060.7887
62	WS-269	Subsurface	385260.0527	5304960.7887
63	WS-62	Subsurface	385140.0527	5305100.7887
64	WS-92	Subsurface	385240.0527	5305080.7887
65	WS-304	Subsurface	385310.0527	5304940.7887
66	WS-77	Reserved (surface or subsurface)	385200.0527	5305090.7887
67	WS-47	Reserved (surface or subsurface)	385170.0527	5305120.7887
68	WS-245	Reserved (surface or subsurface)	385310.0527	5304980.7887
69	WS-91	Reserved (surface or subsurface)	385230.0527	5305080.7887
70	WS-80	Reserved (surface or subsurface)	385230.0527	5305090.7887
71	WS-308	Reserved (surface or subsurface)	385180.0527	5304930.7887
72	WS-112	Reserved (surface or subsurface)	385190.0527	5305060.7887
73	WS-16	Reserved (surface or subsurface)	385190.0527	5305170.7887
74	WS-107	Reserved (surface or subsurface)	385140.0527	5305060.7887
75	WS-56	Reserved (surface or subsurface)	385170.0527	5305110.7887
76	WS-196	Reserved (surface or subsurface)	385150.0527	5305000.7887
77	WS-134	Reserved (surface or subsurface)	385140.0527	5305040.7887
78	WS-159	Reserved (surface or subsurface)	385250.0527	5305030.7887
79	WS-204	Reserved (surface or subsurface)	385230.0527	5305000.7887
80	WS-357	Reserved (surface or subsurface)	385320.0527	5304910.7887
81	WS-176	Reserved (surface or subsurface)	385270.0527	5305020.7887
82	WS-247	Reserved (surface or subsurface)	385180.0527	5304970.7887
83	WS-253	Reserved (surface or subsurface)	385240.0527	5304970.7887
84	WS-202	Reserved (surface or subsurface)	385210.0527	5305000.7887
85	WS-343	Reserved (surface or subsurface)	385180.0527	5304910.7887
86	WS-371	Reserved (surface or subsurface)	385280.0527	5304900.7887
87	WS-284	Reserved (surface or subsurface)	385260.0527	5304950.7887
88	WS-310	Reserved (surface or subsurface)	385200.0527	5304930.7887
89	WS-385	Reserved (surface or subsurface)	385230.0527	5304890.7887
90	WS-105	Reserved (surface or subsurface)	385250.0527	5305070.7887
91	WS-268	Reserved (surface or subsurface)	385250.0527	5304960.7887
92	WS-241	Reserved (surface or subsurface)	385270.0527	5304980.7887
93	WS-128	Reserved (surface or subsurface)	385220.0527	5305050.7887
94	WS-113	Reserved (surface or subsurface)	385200.0527	5305060.7887
95	WS-8	Reserved (surface or subsurface)	385170.0527	5305180.7887
96	WS-55	Reserved (surface or subsurface)	385160.0527	5305110.7887
97	WS-118	Reserved (surface or subsurface)	385250.0527	5305060.7887
98	WS-218	Reserved (surface or subsurface)	385200.0527	5304990.7887
99	WS-76	Reserved (surface or subsurface)	385190.0527	5305090.7887
100	WS-190	Reserved (surface or subsurface)	385250.0527	5305010.7887
101	WS-167	Reserved (surface or subsurface)	385180.0527	5305020.7887
102	WS-228	Reserved (surface or subsurface)	385300.0527	5304990.7887
103	WS-171	Reserved (surface or subsurface)	385220.0527	5305020.7887
104	WS-147	Reserved (surface or subsurface)	385270.0527	5305040.7887
105	WS-214	Reserved (surface or subsurface)	385160.0527	5304990.7887
106	WS-13	Reserved (surface or subsurface)	385220.0527	5305180.7887

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	WS-236	Reserved (surface or subsurface)	385220.0527	5304980.7887
108	WS-399	Reserved (surface or subsurface)	385190.0527	5304880.7887
109	WS-405	Reserved (surface or subsurface)	385250.0527	5304880.7887
110	WS-143	Reserved (surface or subsurface)	385230.0527	5305040.7887
111	WS-424	Reserved (surface or subsurface)	385170.0527	5304860.7887
112	WS-401	Reserved (surface or subsurface)	385210.0527	5304880.7887
113	WS-17	Reserved (surface or subsurface)	385200.0527	5305170.7887
114	WS-330	Reserved (surface or subsurface)	385230.0527	5304920.7887
115	WS-272	Reserved (surface or subsurface)	385290.0527	5304960.7887
116	WS-254	Reserved (surface or subsurface)	385250.0527	5304970.7887
117	WS-342	Reserved (surface or subsurface)	385170.0527	5304910.7887
118	WS-340	Reserved (surface or subsurface)	385330.0527	5304920.7887
119	WS-48	Reserved (surface or subsurface)	385180.0527	5305120.7887
120	WS-231	Reserved (surface or subsurface)	385170.0527	5304980.7887
121	WS-303	Reserved (surface or subsurface)	385300.0527	5304940.7887
122	WS-9	Reserved (surface or subsurface)	385180.0527	5305180.7887
123	WS-295	Reserved (surface or subsurface)	385220.0527	5304940.7887
124	WS-70	Reserved (surface or subsurface)	385220.0527	5305100.7887
125	WS-51	Reserved (surface or subsurface)	385210.0527	5305120.7887
126	WS-333	Reserved (surface or subsurface)	385260.0527	5304920.7887
127	WS-278	Reserved (surface or subsurface)	385200.0527	5304950.7887
128	WS-74	Reserved (surface or subsurface)	385170.0527	5305090.7887
129	WS-320	Reserved (surface or subsurface)	385300.0527	5304930.7887
130	WS-172	Reserved (surface or subsurface)	385230.0527	5305020.7887
131	WS-318	Reserved (surface or subsurface)	385280.0527	5304930.7887
132	WS-83	Reserved (surface or subsurface)	385150.0527	5305080.7887
133	WS-23	Reserved (surface or subsurface)	385200.0527	5305160.7887
134	WS-220	Reserved (surface or subsurface)	385220.0527	5304990.7887
135	WS-138	Reserved (surface or subsurface)	385180.0527	5305040.7887
136	WS-396	Reserved (surface or subsurface)	385340.0527	5304890.7887
137	WS-282	Reserved (surface or subsurface)	385240.0527	5304950.7887
138	WS-388	Reserved (surface or subsurface)	385260.0527	5304890.7887
139	WS-7	Reserved (surface or subsurface)	385230.0527	5305190.7887
140	WS-132	Reserved (surface or subsurface)	385260.0527	5305050.7887
141	WS-25	Reserved (surface or subsurface)	385160.0527	5305150.7887
142	WS-10	Reserved (surface or subsurface)	385190.0527	5305180.7887
143	WS-240	Reserved (surface or subsurface)	385260.0527	5304980.7887
144	WS-68	Reserved (surface or subsurface)	385200.0527	5305100.7887
145	WS-235	Reserved (surface or subsurface)	385210.0527	5304980.7887
146	WS-309	Reserved (surface or subsurface)	385190.0527	5304930.7887
147	WS-298	Reserved (surface or subsurface)	385250.0527	5304940.7887
148	WS-381	Reserved (surface or subsurface)	385190.0527	5304890.7887
149	WS-224	Reserved (surface or subsurface)	385260.0527	5304990.7887
150	WS-339	Reserved (surface or subsurface)	385320.0527	5304920.7887

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	JB-1377	Surface	380265.7981	5308934.3718
2	JB-519	Surface	380835.7981	5309074.3718
3	JB-546	Surface	381105.7981	5309074.3718
4	JB-1420	Surface	380115.7981	5308924.3718
5	JB-1189	Surface	380035.7981	5308954.3718
6	JB-362	Surface	381225.7981	5309134.3718
7	JB-289	Surface	381535.7981	5309174.3718
8	JB-1485	Surface	380215.7981	5308914.3718
9	JB-218	Surface	381355.7981	5309194.3718
10	JB-1072	Surface	380505.7981	5308974.3718
11	JB-243	Surface	381225.7981	5309184.3718
12	JB-722	Surface	380925.7981	5309034.3718
13	JB-688	Surface	380415.7981	5309034.3718
14	JB-611	Surface	380925.7981	5309054.3718
15	JB-868	Surface	380405.7981	5309004.3718
16	JB-1560	Surface	379935.7981	5308894.3718
17	JB-342	Surface	381275.7981	5309144.3718
18	JB-481	Surface	381185.7981	5309094.3718
19	JB-211	Surface	381285.7981	5309194.3718
20	JB-472	Surface	381085.7981	5309094.3718
21	JB-1644	Surface	380045.7981	5308864.3718
22	JB-1234	Surface	380485.7981	5308954.3718
23	JB-856	Surface	380965.7981	5309014.3718
24	JB-132	Surface	381545.7981	5309224.3718
25	JB-1597	Surface	380305.7981	5308894.3718
26	JB-18	Surface	381565.7981	5309274.3718
27	JB-749	Surface	380475.7981	5309024.3718
28	JB-614	Surface	380955.7981	5309054.3718
29	JB-117	Surface	381395.7981	5309224.3718
30	JB-74	Surface	381545.7981	5309244.3718
31	JB-974	Surface	380825.7981	5308994.3718
32	JB-820	Surface	380605.7981	5309014.3718
33	JB-570	Surface	380945.7981	5309064.3718
34	JB-887	Surface	380595.7981	5309004.3718
35	JB-727	Surface	380975.7981	5309034.3718
36	JB-392	Surface	381255.7981	5309124.3718
37	JB-837	Surface	380775.7981	5309014.3718
38	JB-246	Surface	381255.7981	5309184.3718
39	JB-938	Surface	380465.7981	5308994.3718
40	JB-349	Surface	381545.7981	5309144.3718
41	JB-1271	Surface	379965.7981	5308944.3718
42	JB-76	Surface	381565.7981	5309244.3718
43	JB-75	Surface	381555.7981	5309244.3718
44	JB-839	Surface	380795.7981	5309014.3718
45	JB-1540	Surface	380235.7981	5308904.3718
46	JB-1081	Surface	380595.7981	5308974.3718
47	JB-273	Surface	381205.7981	5309174.3718
48	JB-953	Surface	380615.7981	5308994.3718
49	JB-1162	Surface	380675.7981	5308964.3718
50	JB-1116	Surface	380215.7981	5308964.3718
51	JB-619	Surface	381005.7981	5309054.3718
52	JB-624	Surface	381055.7981	5309054.3718
53	JB-435	Surface	381025.7981	5309104.3718

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	JB-592	Surface	381165.7981	5309064.3718
55	JB-816	Surface	380565.7981	5309014.3718
56	JB-1261	Surface	380755.7981	5308954.3718
57	JB-189	Surface	381425.7981	5309204.3718
58	JB-15	Surface	381535.7981	5309274.3718
59	JB-271	Surface	381575.7981	5309184.3718
60	JB-208	Surface	381255.7981	5309194.3718
61	JB-256	Subsurface	381415.7981	5309184.3718
62	JB-1260	Subsurface	380745.7981	5308954.3718
63	JB-915	Subsurface	380875.7981	5309004.3718
64	JB-467	Subsurface	381035.7981	5309094.3718
65	JB-1632	Subsurface	380025.7981	5308874.3718
66	JB-979	Reserved (surface or subsurface)	380875.7981	5308994.3718
67	JB-493	Reserved (surface or subsurface)	380965.7981	5309084.3718
68	JB-1016	Reserved (surface or subsurface)	380615.7981	5308984.3718
69	JB-897	Reserved (surface or subsurface)	380695.7981	5309004.3718
70	JB-947	Reserved (surface or subsurface)	380555.7981	5308994.3718
71	JB-1201	Reserved (surface or subsurface)	380155.7981	5308954.3718
72	JB-764	Reserved (surface or subsurface)	380725.7981	5309024.3718
73	JB-1381	Reserved (surface or subsurface)	380305.7981	5308934.3718
74	JB-673	Reserved (surface or subsurface)	380995.7981	5309044.3718
75	JB-489	Reserved (surface or subsurface)	380925.7981	5309084.3718
76	JB-1272	Reserved (surface or subsurface)	379975.7981	5308944.3718
77	JB-197	Reserved (surface or subsurface)	381505.7981	5309204.3718
78	JB-312	Reserved (surface or subsurface)	381555.7981	5309164.3718
79	JB-497	Reserved (surface or subsurface)	381005.7981	5309084.3718
80	JB-1585	Reserved (surface or subsurface)	380185.7981	5308894.3718
81	JB-277	Reserved (surface or subsurface)	381245.7981	5309174.3718
82	JB-677	Reserved (surface or subsurface)	381035.7981	5309044.3718
83	JB-1356	Reserved (surface or subsurface)	380055.7981	5308934.3718
84	JB-172	Reserved (surface or subsurface)	381605.7981	5309214.3718
85	JB-1415	Reserved (surface or subsurface)	380065.7981	5308924.3718
86	JB-376	Reserved (surface or subsurface)	381015.7981	5309124.3718
87	JB-1547	Reserved (surface or subsurface)	380305.7981	5308904.3718
88	JB-457	Reserved (surface or subsurface)	380935.7981	5309094.3718
89	JB-26	Reserved (surface or subsurface)	381485.7981	5309264.3718
90	JB-1628	Reserved (surface or subsurface)	379985.7981	5308874.3718
91	JB-299	Reserved (surface or subsurface)	381235.7981	5309164.3718
92	JB-361	Reserved (surface or subsurface)	381215.7981	5309134.3718
93	JB-798	Reserved (surface or subsurface)	380385.7981	5309014.3718
94	JB-1639	Reserved (surface or subsurface)	379995.7981	5308864.3718
95	JB-351	Reserved (surface or subsurface)	381015.7981	5309134.3718
96	JB-366	Reserved (surface or subsurface)	381265.7981	5309134.3718
97	JB-723	Reserved (surface or subsurface)	380935.7981	5309034.3718
98	JB-845	Reserved (surface or subsurface)	380855.7981	5309014.3718
99	JB-1338	Reserved (surface or subsurface)	380735.7981	5308944.3718
100	JB-445	Reserved (surface or subsurface)	381155.7981	5309104.3718
101	JB-1616	Reserved (surface or subsurface)	380105.7981	5308884.3718
102	JB-28	Reserved (surface or subsurface)	381505.7981	5309264.3718
103	JB-102	Reserved (surface or subsurface)	381565.7981	5309234.3718
104	JB-720	Reserved (surface or subsurface)	380905.7981	5309034.3718
105	JB-1620	Reserved (surface or subsurface)	380195.7981	5308884.3718
106	JB-1262	Reserved (surface or subsurface)	380765.7981	5308954.3718

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	JB-1323	Reserved (surface or subsurface)	380485.7981	5308944.3718
108	JB-842	Reserved (surface or subsurface)	380825.7981	5309014.3718
109	JB-210	Reserved (surface or subsurface)	381275.7981	5309194.3718
110	JB-840	Reserved (surface or subsurface)	380805.7981	5309014.3718
111	JB-560	Reserved (surface or subsurface)	380845.7981	5309064.3718
112	JB-1470	Reserved (surface or subsurface)	380065.7981	5308914.3718
113	JB-420	Reserved (surface or subsurface)	381245.7981	5309114.3718
114	JB-866	Reserved (surface or subsurface)	380385.7981	5309004.3718
115	JB-632	Reserved (surface or subsurface)	380385.7981	5309044.3718
116	JB-1248	Reserved (surface or subsurface)	380625.7981	5308954.3718
117	JB-1541	Reserved (surface or subsurface)	380245.7981	5308904.3718
118	JB-1453	Reserved (surface or subsurface)	380445.7981	5308924.3718
119	JB-442	Reserved (surface or subsurface)	381095.7981	5309104.3718
120	JB-668	Reserved (surface or subsurface)	380945.7981	5309044.3718
121	JB-548	Reserved (surface or subsurface)	381125.7981	5309074.3718
122	JB-1613	Reserved (surface or subsurface)	380075.7981	5308884.3718
123	JB-675	Reserved (surface or subsurface)	381015.7981	5309044.3718
124	JB-1514	Reserved (surface or subsurface)	379975.7981	5308904.3718
125	JB-341	Reserved (surface or subsurface)	381265.7981	5309144.3718
126	JB-463	Reserved (surface or subsurface)	380995.7981	5309094.3718
127	JB-1602	Reserved (surface or subsurface)	379965.7981	5308884.3718
128	JB-142	Reserved (surface or subsurface)	381305.7981	5309214.3718
129	JB-547	Reserved (surface or subsurface)	381115.7981	5309074.3718
130	JB-535	Reserved (surface or subsurface)	380995.7981	5309074.3718
131	JB-1458	Reserved (surface or subsurface)	379945.7981	5308914.3718
132	JB-806	Reserved (surface or subsurface)	380465.7981	5309014.3718
133	JB-1629	Reserved (surface or subsurface)	379995.7981	5308874.3718
134	JB-31	Reserved (surface or subsurface)	381535.7981	5309264.3718
135	JB-1606	Reserved (surface or subsurface)	380005.7981	5308884.3718
136	JB-1489	Reserved (surface or subsurface)	380255.7981	5308914.3718
137	JB-1436	Reserved (surface or subsurface)	380275.7981	5308924.3718
138	JB-247	Reserved (surface or subsurface)	381265.7981	5309184.3718
139	JB-788	Reserved (surface or subsurface)	380965.7981	5309024.3718
140	JB-1	Reserved (surface or subsurface)	381515.7981	5309284.3718
141	JB-184	Reserved (surface or subsurface)	381375.7981	5309204.3718
142	JB-223	Reserved (surface or subsurface)	381405.7981	5309194.3718
143	JB-1126	Reserved (surface or subsurface)	380315.7981	5308964.3718
144	JB-244	Reserved (surface or subsurface)	381235.7981	5309184.3718
145	JB-1027	Reserved (surface or subsurface)	380725.7981	5308984.3718
146	JB-69	Reserved (surface or subsurface)	381495.7981	5309244.3718
147	JB-1561	Reserved (surface or subsurface)	379945.7981	5308894.3718
148	JB-1014	Reserved (surface or subsurface)	380595.7981	5308984.3718
149	JB-1096	Reserved (surface or subsurface)	380745.7981	5308974.3718
150	JB-1414	Reserved (surface or subsurface)	380055.7981	5308924.3718

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	SW-675	Surface	364610.7042	5312153.5267
2	SW-770	Surface	364600.7042	5312103.5267
3	SW-648	Surface	364630.7042	5312173.5267
4	SW-458	Surface	364570.7042	5312283.5267
5	SW-892	Surface	364430.7042	5312033.5267
6	SW-440	Surface	364680.7042	5312293.5267
7	SW-916	Surface	364440.7042	5312013.5267
8	SW-84	Surface	364450.7042	5312373.5267
9	SW-8	Surface	364650.7042	5312403.5267
10	SW-489	Surface	364620.7042	5312273.5267
11	SW-939	Surface	364530.7042	5312003.5267
12	SW-748	Surface	364380.7042	5312103.5267
13	SW-985	Surface	364470.7042	5311953.5267
14	SW-719	Surface	364580.7042	5312123.5267
15	SW-856	Surface	364430.7042	5312063.5267
16	SW-370	Surface	364790.7042	5312313.5267
17	SW-264	Surface	364610.7042	5312333.5267
18	SW-775	Surface	364650.7042	5312103.5267
19	SW-341	Surface	364500.7042	5312313.5267
20	SW-252	Surface	364490.7042	5312333.5267
21	SW-921	Surface	364490.7042	5312013.5267
22	SW-133	Surface	364580.7042	5312363.5267
23	SW-522	Surface	364750.7042	5312263.5267
24	SW-277	Surface	364740.7042	5312333.5267
25	SW-395	Surface	364600.7042	5312303.5267
26	SW-350	Surface	364590.7042	5312313.5267
27	SW-233	Surface	364730.7042	5312343.5267
28	SW-289	Surface	364420.7042	5312323.5267
29	SW-206	Surface	364460.7042	5312343.5267
30	SW-641	Surface	364700.7042	5312183.5267
31	SW-426	Surface	364470.7042	5312293.5267
32	SW-721	Surface	364600.7042	5312123.5267
33	SW-101	Surface	364670.7042	5312373.5267
34	SW-602	Surface	364590.7042	5312203.5267
35	SW-888	Surface	364480.7042	5312043.5267
36	SW-518	Surface	364710.7042	5312263.5267
37	SW-344	Surface	364530.7042	5312313.5267
38	SW-220	Surface	364600.7042	5312343.5267
39	SW-229	Surface	364690.7042	5312343.5267
40	SW-232	Surface	364720.7042	5312343.5267
41	SW-332	Surface	364410.7042	5312313.5267
42	SW-156	Surface	364390.7042	5312353.5267
43	SW-9	Surface	364660.7042	5312403.5267
44	SW-443	Surface	364710.7042	5312293.5267
45	SW-382	Surface	364470.7042	5312303.5267
46	SW-256	Surface	364530.7042	5312333.5267
47	SW-241	Surface	364810.7042	5312343.5267
48	SW-390	Surface	364550.7042	5312303.5267
49	SW-820	Surface	364560.7042	5312083.5267
50	SW-315	Surface	364680.7042	5312323.5267
51	SW-115	Surface	364400.7042	5312363.5267
52	SW-855	Surface	364420.7042	5312063.5267
53	SW-360	Surface	364690.7042	5312313.5267

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	SW-97	Surface	364630.7042	5312373.5267
55	SW-893	Surface	364440.7042	5312033.5267
56	SW-359	Surface	364680.7042	5312313.5267
57	SW-577	Surface	364640.7042	5312223.5267
58	SW-595	Surface	364670.7042	5312213.5267
59	SW-179	Surface	364620.7042	5312353.5267
60	SW-437	Surface	364650.7042	5312293.5267
61	SW-835	Subsurface	364460.7042	5312073.5267
62	SW-554	Subsurface	364720.7042	5312243.5267
63	SW-296	Subsurface	364490.7042	5312323.5267
64	SW-392	Subsurface	364570.7042	5312303.5267
65	SW-342	Subsurface	364510.7042	5312313.5267
66	SW-217	Reserved (surface or subsurface)	364570.7042	5312343.5267
67	SW-47	Reserved (surface or subsurface)	364410.7042	5312383.5267
68	SW-125	Reserved (surface or subsurface)	364500.7042	5312363.5267
69	SW-424	Reserved (surface or subsurface)	364450.7042	5312293.5267
70	SW-388	Reserved (surface or subsurface)	364530.7042	5312303.5267
71	SW-650	Reserved (surface or subsurface)	364650.7042	5312173.5267
72	SW-308	Reserved (surface or subsurface)	364610.7042	5312323.5267
73	SW-148	Reserved (surface or subsurface)	364730.7042	5312363.5267
74	SW-615	Reserved (surface or subsurface)	364580.7042	5312193.5267
75	SW-933	Reserved (surface or subsurface)	364470.7042	5312003.5267
76	SW-736	Reserved (surface or subsurface)	364550.7042	5312113.5267
77	SW-176	Reserved (surface or subsurface)	364590.7042	5312353.5267
78	SW-791	Reserved (surface or subsurface)	364530.7042	5312093.5267
79	SW-821	Reserved (surface or subsurface)	364570.7042	5312083.5267
80	SW-19	Reserved (surface or subsurface)	364410.7042	5312393.5267
81	SW-784	Reserved (surface or subsurface)	364460.7042	5312093.5267
82	SW-885	Reserved (surface or subsurface)	364450.7042	5312043.5267
83	SW-979	Reserved (surface or subsurface)	364500.7042	5311973.5267
84	SW-411	Reserved (surface or subsurface)	364760.7042	5312303.5267
85	SW-235	Reserved (surface or subsurface)	364750.7042	5312343.5267
86	SW-949	Reserved (surface or subsurface)	364480.7042	5311993.5267
87	SW-829	Reserved (surface or subsurface)	364400.7042	5312073.5267
88	SW-983	Reserved (surface or subsurface)	364480.7042	5311963.5267
89	SW-320	Reserved (surface or subsurface)	364730.7042	5312323.5267
90	SW-402	Reserved (surface or subsurface)	364670.7042	5312303.5267
91	SW-702	Reserved (surface or subsurface)	364570.7042	5312133.5267
92	SW-79	Reserved (surface or subsurface)	364400.7042	5312373.5267
93	SW-213	Reserved (surface or subsurface)	364530.7042	5312343.5267
94	SW-492	Reserved (surface or subsurface)	364650.7042	5312273.5267
95	SW-327	Reserved (surface or subsurface)	364800.7042	5312323.5267
96	SW-797	Reserved (surface or subsurface)	364590.7042	5312093.5267
97	SW-563	Reserved (surface or subsurface)	364650.7042	5312233.5267
98	SW-146	Reserved (surface or subsurface)	364710.7042	5312363.5267
99	SW-505	Reserved (surface or subsurface)	364580.7042	5312263.5267
100	SW-52	Reserved (surface or subsurface)	364530.7042	5312383.5267
101	SW-760	Reserved (surface or subsurface)	364500.7042	5312103.5267
102	SW-943	Reserved (surface or subsurface)	364570.7042	5312003.5267
103	SW-81	Reserved (surface or subsurface)	364420.7042	5312373.5267
104	SW-582	Reserved (surface or subsurface)	364690.7042	5312223.5267
105	SW-607	Reserved (surface or subsurface)	364640.7042	5312203.5267
106	SW-394	Reserved (surface or subsurface)	364590.7042	5312303.5267

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	SW-161	Reserved (surface or subsurface)	364440.7042	5312353.5267
108	SW-438	Reserved (surface or subsurface)	364660.7042	5312293.5267
109	SW-44	Reserved (surface or subsurface)	364760.7042	5312393.5267
110	SW-384	Reserved (surface or subsurface)	364490.7042	5312303.5267
111	SW-535	Reserved (surface or subsurface)	364700.7042	5312253.5267
112	SW-545	Reserved (surface or subsurface)	364630.7042	5312243.5267
113	SW-306	Reserved (surface or subsurface)	364590.7042	5312323.5267
114	SW-54	Reserved (surface or subsurface)	364550.7042	5312383.5267
115	SW-381	Reserved (surface or subsurface)	364460.7042	5312303.5267
116	SW-662	Reserved (surface or subsurface)	364630.7042	5312163.5267
117	SW-219	Reserved (surface or subsurface)	364590.7042	5312343.5267
118	SW-741	Reserved (surface or subsurface)	364600.7042	5312113.5267
119	SW-245	Reserved (surface or subsurface)	364420.7042	5312333.5267
120	SW-484	Reserved (surface or subsurface)	364420.7042	5312273.5267
121	SW-778	Reserved (surface or subsurface)	364400.7042	5312093.5267
122	SW-282	Reserved (surface or subsurface)	364790.7042	5312333.5267
123	SW-223	Reserved (surface or subsurface)	364630.7042	5312343.5267
124	SW-15	Reserved (surface or subsurface)	364720.7042	5312403.5267
125	SW-976	Reserved (surface or subsurface)	364470.7042	5311973.5267
126	SW-487	Reserved (surface or subsurface)	364600.7042	5312273.5267
127	SW-439	Reserved (surface or subsurface)	364670.7042	5312293.5267
128	SW-262	Reserved (surface or subsurface)	364590.7042	5312333.5267
129	SW-908	Reserved (surface or subsurface)	364480.7042	5312023.5267
130	SW-911	Reserved (surface or subsurface)	364510.7042	5312023.5267
131	SW-671	Reserved (surface or subsurface)	364570.7042	5312153.5267
132	SW-82	Reserved (surface or subsurface)	364430.7042	5312373.5267
133	SW-56	Reserved (surface or subsurface)	364570.7042	5312383.5267
134	SW-955	Reserved (surface or subsurface)	364540.7042	5311993.5267
135	SW-448	Reserved (surface or subsurface)	364760.7042	5312293.5267
136	SW-345	Reserved (surface or subsurface)	364540.7042	5312313.5267
137	SW-854	Reserved (surface or subsurface)	364410.7042	5312063.5267
138	SW-21	Reserved (surface or subsurface)	364430.7042	5312393.5267
139	SW-75	Reserved (surface or subsurface)	364760.7042	5312383.5267
140	SW-300	Reserved (surface or subsurface)	364530.7042	5312323.5267
141	SW-637	Reserved (surface or subsurface)	364660.7042	5312183.5267
142	SW-41	Reserved (surface or subsurface)	364730.7042	5312393.5267
143	SW-261	Reserved (surface or subsurface)	364580.7042	5312333.5267
144	SW-249	Reserved (surface or subsurface)	364460.7042	5312333.5267
145	SW-548	Reserved (surface or subsurface)	364660.7042	5312243.5267
146	SW-326	Reserved (surface or subsurface)	364790.7042	5312323.5267
147	SW-685	Reserved (surface or subsurface)	364560.7042	5312143.5267
148	SW-423	Reserved (surface or subsurface)	364440.7042	5312293.5267
149	SW-960	Reserved (surface or subsurface)	364450.7042	5311983.5267
150	SW-503	Reserved (surface or subsurface)	364760.7042	5312273.5267

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	SC-497	Surface	355031.6849	5311024.4393
2	SC-404	Surface	355271.6849	5311044.4393
3	SC-651	Surface	355391.6849	5311004.4393
4	SC-423	Surface	355461.6849	5311044.4393
5	SC-230	Surface	355151.6849	5311074.4393
6	SC-496	Surface	355021.6849	5311024.4393
7	SC-827	Surface	355521.6849	5310974.4393
8	SC-710	Surface	355401.6849	5310994.4393
9	SC-48	Surface	355441.6849	5311134.4393
10	SC-217	Surface	355501.6849	5311084.4393
11	SC-538	Surface	355441.6849	5311024.4393
12	SC-388	Surface	355111.6849	5311044.4393
13	SC-22	Surface	355391.6849	5311144.4393
14	SC-616	Surface	355041.6849	5311004.4393
15	SC-553	Surface	355001.6849	5311014.4393
16	SC-808	Surface	355331.6849	5310974.4393
17	SC-503	Surface	355091.6849	5311024.4393
18	SC-933	Surface	355461.6849	5310944.4393
19	SC-309	Surface	355421.6849	5311064.4393
20	SC-588	Surface	355351.6849	5311014.4393
21	SC-393	Surface	355161.6849	5311044.4393
22	SC-919	Surface	355531.6849	5310954.4393
23	SC-634	Surface	355221.6849	5311004.4393
24	SC-930	Surface	355431.6849	5310944.4393
25	SC-469	Surface	355341.6849	5311034.4393
26	SC-475	Surface	355401.6849	5311034.4393
27	SC-910	Surface	355441.6849	5310954.4393
28	SC-595	Surface	355421.6849	5311014.4393
29	SC-207	Surface	355401.6849	5311084.4393
30	SC-516	Surface	355221.6849	5311024.4393
31	SC-391	Surface	355141.6849	5311044.4393
32	SC-700	Surface	355301.6849	5310994.4393
33	SC-625	Surface	355131.6849	5311004.4393
34	SC-209	Surface	355421.6849	5311084.4393
35	SC-659	Surface	355471.6849	5311004.4393
36	SC-185	Surface	355181.6849	5311084.4393
37	SC-621	Surface	355091.6849	5311004.4393
38	SC-260	Surface	355451.6849	5311074.4393
39	SC-629	Surface	355171.6849	5311004.4393
40	SC-161	Surface	355411.6849	5311094.4393
41	SC-315	Surface	355481.6849	5311064.4393
42	SC-615	Surface	355031.6849	5311004.4393
43	SC-513	Surface	355191.6849	5311024.4393
44	SC-782	Surface	355071.6849	5310974.4393
45	SC-757	Surface	355331.6849	5310984.4393
46	SC-366	Surface	355441.6849	5311054.4393
47	SC-195	Surface	355281.6849	5311084.4393
48	SC-292	Surface	355251.6849	5311064.4393
49	SC-11	Surface	355421.6849	5311154.4393
50	SC-799	Surface	355241.6849	5310974.4393
51	SC-750	Surface	355261.6849	5310984.4393
52	SC-132	Surface	355461.6849	5311104.4393
53	SC-114	Surface	355281.6849	5311104.4393

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	SC-894	Surface	355281.6849	5310954.4393
55	SC-407	Surface	355301.6849	5311044.4393
56	SC-575	Surface	355221.6849	5311014.4393
57	SC-774	Surface	355501.6849	5310984.4393
58	SC-904	Surface	355381.6849	5310954.4393
59	SC-438	Surface	355031.6849	5311034.4393
60	SC-530	Surface	355361.6849	5311024.4393
61	SC-25	Subsurface	355421.6849	5311144.4393
62	SC-273	Subsurface	355061.6849	5311064.4393
63	SC-644	Subsurface	355321.6849	5311004.4393
64	SC-439	Subsurface	355041.6849	5311034.4393
65	SC-931	Subsurface	355441.6849	5310944.4393
66	SC-683	Reserved (surface or subsurface)	355131.6849	5310994.4393
67	SC-846	Reserved (surface or subsurface)	355231.6849	5310964.4393
68	SC-605	Reserved (surface or subsurface)	355521.6849	5311014.4393
69	SC-246	Reserved (surface or subsurface)	355311.6849	5311074.4393
70	SC-635	Reserved (surface or subsurface)	355231.6849	5311004.4393
71	SC-778	Reserved (surface or subsurface)	355541.6849	5310984.4393
72	SC-729	Reserved (surface or subsurface)	355051.6849	5310984.4393
73	SC-377	Reserved (surface or subsurface)	355551.6849	5311054.4393
74	SC-898	Reserved (surface or subsurface)	355321.6849	5310954.4393
75	SC-108	Reserved (surface or subsurface)	355521.6849	5311114.4393
76	SC-632	Reserved (surface or subsurface)	355201.6849	5311004.4393
77	SC-458	Reserved (surface or subsurface)	355231.6849	5311034.4393
78	SC-557	Reserved (surface or subsurface)	355041.6849	5311014.4393
79	SC-718	Reserved (surface or subsurface)	355481.6849	5310994.4393
80	SC-294	Reserved (surface or subsurface)	355271.6849	5311064.4393
81	SC-129	Reserved (surface or subsurface)	355431.6849	5311104.4393
82	SC-17	Reserved (surface or subsurface)	355481.6849	5311154.4393
83	SC-479	Reserved (surface or subsurface)	355441.6849	5311034.4393
84	SC-109	Reserved (surface or subsurface)	355531.6849	5311114.4393
85	SC-714	Reserved (surface or subsurface)	355441.6849	5310994.4393
86	SC-402	Reserved (surface or subsurface)	355251.6849	5311044.4393
87	SC-852	Reserved (surface or subsurface)	355291.6849	5310964.4393
88	SC-374	Reserved (surface or subsurface)	355521.6849	5311054.4393
89	SC-828	Reserved (surface or subsurface)	355531.6849	5310974.4393
90	SC-385	Reserved (surface or subsurface)	355081.6849	5311044.4393
91	SC-142	Reserved (surface or subsurface)	355561.6849	5311104.4393
92	SC-181	Reserved (surface or subsurface)	355141.6849	5311084.4393
93	SC-927	Reserved (surface or subsurface)	355401.6849	5310944.4393
94	SC-841	Reserved (surface or subsurface)	355181.6849	5310964.4393
95	SC-626	Reserved (surface or subsurface)	355141.6849	5311004.4393
96	SC-232	Reserved (surface or subsurface)	355171.6849	5311074.4393
97	SC-359	Reserved (surface or subsurface)	355371.6849	5311054.4393
98	SC-154	Reserved (surface or subsurface)	355341.6849	5311094.4393
99	SC-401	Reserved (surface or subsurface)	355241.6849	5311044.4393
100	SC-266	Reserved (surface or subsurface)	355511.6849	5311074.4393
101	SC-465	Reserved (surface or subsurface)	355301.6849	5311034.4393
102	SC-433	Reserved (surface or subsurface)	354981.6849	5311034.4393
103	SC-949	Reserved (surface or subsurface)	355521.6849	5310934.4393
104	SC-507	Reserved (surface or subsurface)	355131.6849	5311024.4393
105	SC-157	Reserved (surface or subsurface)	355371.6849	5311094.4393
106	SC-373	Reserved (surface or subsurface)	355511.6849	5311054.4393

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	SC-435	Reserved (surface or subsurface)	355001.6849	5311034.4393
108	SC-453	Reserved (surface or subsurface)	355181.6849	5311034.4393
109	SC-501	Reserved (surface or subsurface)	355071.6849	5311024.4393
110	SC-10	Reserved (surface or subsurface)	355411.6849	5311154.4393
111	SC-813	Reserved (surface or subsurface)	355381.6849	5310974.4393
112	SC-851	Reserved (surface or subsurface)	355281.6849	5310964.4393
113	SC-784	Reserved (surface or subsurface)	355091.6849	5310974.4393
114	SC-779	Reserved (surface or subsurface)	355041.6849	5310974.4393
115	SC-628	Reserved (surface or subsurface)	355161.6849	5311004.4393
116	SC-67	Reserved (surface or subsurface)	355391.6849	5311124.4393
117	SC-655	Reserved (surface or subsurface)	355431.6849	5311004.4393
118	SC-204	Reserved (surface or subsurface)	355371.6849	5311084.4393
119	SC-672	Reserved (surface or subsurface)	355021.6849	5310994.4393
120	SC-372	Reserved (surface or subsurface)	355501.6849	5311054.4393
121	SC-541	Reserved (surface or subsurface)	355471.6849	5311024.4393
122	SC-170	Reserved (surface or subsurface)	355501.6849	5311094.4393
123	SC-167	Reserved (surface or subsurface)	355471.6849	5311094.4393
124	SC-65	Reserved (surface or subsurface)	355371.6849	5311124.4393
125	SC-430	Reserved (surface or subsurface)	355531.6849	5311044.4393
126	SC-80	Reserved (surface or subsurface)	355521.6849	5311124.4393
127	SC-30	Reserved (surface or subsurface)	355471.6849	5311144.4393
128	SC-105	Reserved (surface or subsurface)	355491.6849	5311114.4393
129	SC-767	Reserved (surface or subsurface)	355431.6849	5310984.4393
130	SC-836	Reserved (surface or subsurface)	355131.6849	5310964.4393
131	SC-447	Reserved (surface or subsurface)	355121.6849	5311034.4393
132	SC-653	Reserved (surface or subsurface)	355411.6849	5311004.4393
133	SC-709	Reserved (surface or subsurface)	355391.6849	5310994.4393
134	SC-417	Reserved (surface or subsurface)	355401.6849	5311044.4393
135	SC-814	Reserved (surface or subsurface)	355391.6849	5310974.4393
136	SC-493	Reserved (surface or subsurface)	354991.6849	5311024.4393
137	SC-517	Reserved (surface or subsurface)	355231.6849	5311024.4393
138	SC-284	Reserved (surface or subsurface)	355171.6849	5311064.4393
139	SC-689	Reserved (surface or subsurface)	355191.6849	5310994.4393
140	SC-762	Reserved (surface or subsurface)	355381.6849	5310984.4393
141	SC-288	Reserved (surface or subsurface)	355211.6849	5311064.4393
142	SC-422	Reserved (surface or subsurface)	355451.6849	5311044.4393
143	SC-150	Reserved (surface or subsurface)	355301.6849	5311094.4393
144	SC-54	Reserved (surface or subsurface)	355501.6849	5311134.4393
145	SC-907	Reserved (surface or subsurface)	355411.6849	5310954.4393
146	SC-476	Reserved (surface or subsurface)	355411.6849	5311034.4393
147	SC-355	Reserved (surface or subsurface)	355331.6849	5311054.4393
148	SC-515	Reserved (surface or subsurface)	355211.6849	5311024.4393
149	SC-318	Reserved (surface or subsurface)	355511.6849	5311064.4393
150	SC-87	Reserved (surface or subsurface)	355311.6849	5311114.4393

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
1	CS-51	Surface	351410.3572	5312052.6916
2	CS-348	Surface	351390.3572	5311902.6916
3	CS-112	Surface	351445.3572	5312032.6916
4	CS-68	Surface	351420.3572	5312047.6916
5	CS-84	Surface	351425.3572	5312042.6916
6	CS-32	Surface	351445.3572	5312062.6916
7	CS-620	Surface	351490.3572	5311847.6916
8	CS-4	Surface	351450.3572	5312077.6916
9	CS-405	Surface	351385.3572	5311887.6916
10	CS-87	Surface	351440.3572	5312042.6916
11	CS-88	Surface	351445.3572	5312042.6916
12	CS-433	Surface	351420.3572	5311882.6916
13	CS-339	Surface	351430.3572	5311907.6916
14	CS-536	Surface	351545.3572	5311867.6916
15	CS-616	Surface	351470.3572	5311847.6916
16	CS-185	Surface	351435.3572	5311982.6916
17	CS-305	Surface	351415.3572	5311917.6916
18	CS-18	Surface	351430.3572	5312067.6916
19	CS-447	Surface	351385.3572	5311877.6916
20	CS-416	Surface	351440.3572	5311887.6916
21	CS-610	Surface	351530.3572	5311852.6916
22	CS-597	Surface	351465.3572	5311852.6916
23	CS-573	Surface	351460.3572	5311857.6916
24	CS-175	Surface	351425.3572	5311987.6916
25	CS-424	Surface	351375.3572	5311882.6916
26	CS-310	Surface	351440.3572	5311917.6916
27	CS-400	Surface	351360.3572	5311887.6916
28	CS-221	Surface	351415.3572	5311957.6916
29	CS-607	Surface	351515.3572	5311852.6916
30	CS-177	Surface	351435.3572	5311987.6916
31	CS-327	Surface	351370.3572	5311907.6916
32	CS-164	Surface	351440.3572	5311997.6916
33	CS-514	Surface	351435.3572	5311867.6916
34	CS-160	Surface	351420.3572	5311997.6916
35	CS-183	Surface	351425.3572	5311982.6916
36	CS-102	Surface	351455.3572	5312037.6916
37	CS-512	Surface	351425.3572	5311867.6916
38	CS-279	Surface	351410.3572	5311927.6916
39	CS-266	Surface	351400.3572	5311932.6916
40	CS-546	Surface	351455.3572	5311862.6916
41	CS-334	Surface	351405.3572	5311907.6916
42	CS-600	Surface	351480.3572	5311852.6916
43	CS-99	Surface	351440.3572	5312037.6916
44	CS-41	Surface	351430.3572	5312057.6916
45	CS-47	Surface	351460.3572	5312057.6916
46	CS-181	Surface	351415.3572	5311982.6916
47	CS-396	Surface	351440.3572	5311892.6916
48	CS-364	Surface	351375.3572	5311897.6916
49	CS-579	Surface	351490.3572	5311857.6916
50	CS-465	Surface	351350.3572	5311872.6916
51	CS-247	Surface	351405.3572	5311942.6916
52	CS-81	Surface	351410.3572	5312042.6916
53	CS-34	Surface	351455.3572	5312062.6916

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
54	CS-208	Surface	351435.3572	5311967.6916
55	CS-37	Surface	351410.3572	5312057.6916
56	CS-104	Surface	351465.3572	5312037.6916
57	CS-110	Surface	351435.3572	5312032.6916
58	CS-417	Surface	351445.3572	5311887.6916
59	CS-188	Surface	351415.3572	5311977.6916
60	CS-617	Surface	351475.3572	5311847.6916
61	CS-226	Subsurface	351440.3572	5311957.6916
62	CS-200	Subsurface	351435.3572	5311972.6916
63	CS-618	Subsurface	351480.3572	5311847.6916
64	CS-142	Subsurface	351425.3572	5312012.6916
65	CS-552	Subsurface	351485.3572	5311862.6916
66	CS-157	Reserved (surface or subsurface)	351435.3572	5312002.6916
67	CS-479	Reserved (surface or subsurface)	351420.3572	5311872.6916
68	CS-232	Reserved (surface or subsurface)	351425.3572	5311952.6916
69	CS-207	Reserved (surface or subsurface)	351430.3572	5311967.6916
70	CS-420	Reserved (surface or subsurface)	351355.3572	5311882.6916
71	CS-387	Reserved (surface or subsurface)	351395.3572	5311892.6916
72	CS-448	Reserved (surface or subsurface)	351390.3572	5311877.6916
73	CS-487	Reserved (surface or subsurface)	351460.3572	5311872.6916
74	CS-603	Reserved (surface or subsurface)	351495.3572	5311852.6916
75	CS-558	Reserved (surface or subsurface)	351515.3572	5311862.6916
76	CS-333	Reserved (surface or subsurface)	351400.3572	5311907.6916
77	CS-361	Reserved (surface or subsurface)	351360.3572	5311897.6916
78	CS-28	Reserved (surface or subsurface)	351425.3572	5312062.6916
79	CS-324	Reserved (surface or subsurface)	351435.3572	5311912.6916
80	CS-256	Reserved (surface or subsurface)	351400.3572	5311937.6916
81	CS-15	Reserved (surface or subsurface)	351465.3572	5312072.6916
82	CS-481	Reserved (surface or subsurface)	351430.3572	5311872.6916
83	CS-252	Reserved (surface or subsurface)	351430.3572	5311942.6916
84	CS-548	Reserved (surface or subsurface)	351465.3572	5311862.6916
85	CS-320	Reserved (surface or subsurface)	351415.3572	5311912.6916
86	CS-492	Reserved (surface or subsurface)	351525.3572	5311872.6916
87	CS-103	Reserved (surface or subsurface)	351460.3572	5312037.6916
88	CS-249	Reserved (surface or subsurface)	351415.3572	5311942.6916
89	CS-520	Reserved (surface or subsurface)	351465.3572	5311867.6916
90	CS-326	Reserved (surface or subsurface)	351365.3572	5311907.6916
91	CS-66	Reserved (surface or subsurface)	351410.3572	5312047.6916
92	CS-228	Reserved (surface or subsurface)	351405.3572	5311952.6916
93	CS-483	Reserved (surface or subsurface)	351440.3572	5311872.6916
94	CS-277	Reserved (surface or subsurface)	351400.3572	5311927.6916
95	CS-253	Reserved (surface or subsurface)	351435.3572	5311942.6916
96	CS-379	Reserved (surface or subsurface)	351355.3572	5311892.6916
97	CS-575	Reserved (surface or subsurface)	351470.3572	5311857.6916
98	CS-355	Reserved (surface or subsurface)	351425.3572	5311902.6916
99	CS-323	Reserved (surface or subsurface)	351430.3572	5311912.6916
100	CS-614	Reserved (surface or subsurface)	351460.3572	5311847.6916
101	CS-485	Reserved (surface or subsurface)	351450.3572	5311872.6916
102	CS-155	Reserved (surface or subsurface)	351425.3572	5312002.6916
103	CS-608	Reserved (surface or subsurface)	351520.3572	5311852.6916
104	CS-184	Reserved (surface or subsurface)	351430.3572	5311982.6916
105	CS-23	Reserved (surface or subsurface)	351455.3572	5312067.6916
106	CS-121	Reserved (surface or subsurface)	351440.3572	5312027.6916

Table 1. Proposed Station Location Coordinates for UCR Beach Sediment Sampling

Random Selection No. ^a	Station Number ^b	Sample Type	Coordinates ^c	
			X	Y
107	CS-168	Reserved (surface or subsurface)	351425.3572	5311992.6916
108	CS-238	Reserved (surface or subsurface)	351410.3572	5311947.6916
109	CS-132	Reserved (surface or subsurface)	351450.3572	5312022.6916
110	CS-426	Reserved (surface or subsurface)	351385.3572	5311882.6916
111	CS-30	Reserved (surface or subsurface)	351435.3572	5312062.6916
112	CS-344	Reserved (surface or subsurface)	351370.3572	5311902.6916
113	CS-270	Reserved (surface or subsurface)	351420.3572	5311932.6916
114	CS-86	Reserved (surface or subsurface)	351435.3572	5312042.6916
115	CS-393	Reserved (surface or subsurface)	351425.3572	5311892.6916
116	CS-131	Reserved (surface or subsurface)	351445.3572	5312022.6916
117	CS-322	Reserved (surface or subsurface)	351425.3572	5311912.6916
118	CS-543	Reserved (surface or subsurface)	351440.3572	5311862.6916
119	CS-398	Reserved (surface or subsurface)	351350.3572	5311887.6916
120	CS-476	Reserved (surface or subsurface)	351405.3572	5311872.6916
121	CS-219	Reserved (surface or subsurface)	351405.3572	5311957.6916
122	CS-65	Reserved (surface or subsurface)	351405.3572	5312047.6916
123	CS-1	Reserved (surface or subsurface)	351455.3572	5312082.6916
124	CS-466	Reserved (surface or subsurface)	351355.3572	5311872.6916
125	CS-259	Reserved (surface or subsurface)	351415.3572	5311937.6916
126	CS-130	Reserved (surface or subsurface)	351440.3572	5312022.6916
127	CS-97	Reserved (surface or subsurface)	351430.3572	5312037.6916
128	CS-126	Reserved (surface or subsurface)	351420.3572	5312022.6916
129	CS-377	Reserved (surface or subsurface)	351440.3572	5311897.6916
130	CS-153	Reserved (surface or subsurface)	351445.3572	5312007.6916
131	CS-289	Reserved (surface or subsurface)	351400.3572	5311922.6916
132	CS-211	Reserved (surface or subsurface)	351410.3572	5311962.6916
133	CS-233	Reserved (surface or subsurface)	351430.3572	5311952.6916
134	CS-458	Reserved (surface or subsurface)	351440.3572	5311877.6916
135	CS-569	Reserved (surface or subsurface)	351440.3572	5311857.6916
136	CS-260	Reserved (surface or subsurface)	351420.3572	5311937.6916
137	CS-598	Reserved (surface or subsurface)	351470.3572	5311852.6916
138	CS-408	Reserved (surface or subsurface)	351400.3572	5311887.6916
139	CS-108	Reserved (surface or subsurface)	351425.3572	5312032.6916
140	CS-542	Reserved (surface or subsurface)	351435.3572	5311862.6916
141	CS-76	Reserved (surface or subsurface)	351460.3572	5312047.6916
142	CS-445	Reserved (surface or subsurface)	351375.3572	5311877.6916
143	CS-397	Reserved (surface or subsurface)	351445.3572	5311892.6916
144	CS-491	Reserved (surface or subsurface)	351480.3572	5311872.6916
145	CS-490	Reserved (surface or subsurface)	351475.3572	5311872.6916
146	CS-545	Reserved (surface or subsurface)	351450.3572	5311862.6916
147	CS-613	Reserved (surface or subsurface)	351545.3572	5311852.6916
148	CS-242	Reserved (surface or subsurface)	351430.3572	5311947.6916
149	CS-135	Reserved (surface or subsurface)	351425.3572	5312017.6916
150	CS-73	Reserved (surface or subsurface)	351445.3572	5312047.6916

^a 150 station locations were randomly selected from uniform grid nodes at each beach.

^b Station numbers were applied to the uniform grid nodes at each beach prior to randomly selecting 150 station locations at each beach.

^c NAD83 UTM Zone 11. Coordinates provided correspond to proposed sample locations represented on Figures 2-3 through 2-36 presented in the field sampling plan (Appendix A). Coordinates for actual station locations will be collected in the field.

ATTACHMENT 1

STANDARD OPERATING PROCEDURES

- SOP-SD8. SEDIMENT CORING
PROCEDURES USING A VIBRACORER
- SOP-SL5. SURFACE SOIL SAMPLING
- SOP-SL6. SUBSURFACE SOIL SAMPLING

STANDARD OPERATING PROCEDURE SOP SD-8

SEDIMENT CORING PROCEDURES USING A VIBRACORER

Scope and Application

This SOP describes the procedure for collecting and processing sediment core samples using a vibracorer. This method of sediment coring is generally performed from a boat and uses high-frequency low-amplitude vibration and the weight of the corer to penetrate the sediment. It is best used for sampling coarse, consolidated sediment and very cohesive sediment, where static weight will not produce adequate penetration into the sediment.

Vibracorers generally consist of a metal corer barrel with a polycarbonate liner, and a vibrator mechanism attached to the top of the barrel. The vibration is created either by an electric motor or a pneumatic piston attached to the top of the barrel. Therefore, a generator or air compressor is needed to power the corer. The pneumatic piston does not have the same function as a piston in a piston corer. Because vibracorers generally do not have a piston in the corer, some compaction and/or bypass will occur, and recovery will be less than 100 percent.

As with all over-water coring, this procedure works best with the boat kept stationary with a three or four point anchor system. This makes it easier to accurately determine the sample location and collect a core that is vertical. If anchors are not used, coring should be performed only if wind and currents are minimal (i.e., they produce less than a 5 degree angle in the cable) or if the corer uses a frame that sits on the sediment to keep it vertical.

It is always best to keep the core in a vertical position to prevent the top layers of sediment (i.e., the top 5 to 15 cm) from slumping. However, in many cases it is not feasible to process the core in a vertical position. This is because the tripod needs to be at least twice the height of corer, and sectioning and logging the sample would have to be performed from a ladder. For studies that specify sectioning the sample into coarse intervals (>20 cm), processing the core in a horizontal position will generally not significantly disrupt the stratigraphy. For studies that specify shorter intervals (<5-10 cm), processing the core in a horizontal position is likely to disrupt stratigraphy. In this case, the top layers of sediment that have high water content should be sectioned while the core

is in a vertical position, and when the sediment becomes thicker, the corer can be laid horizontally.

Equipment and Reagents Required

The following equipment is required when using a vibracorer:

- Vibracorer with metal corer barrel with a polycarbonate liner
- Vibrator mechanism (aka vibracore head)
- Nosecone (aka core catcher)
- White Velcro tape
- Cable
- Stand or tripod for retrieved cores
- Ladder (if necessary, depending on length of retrieved core)
- Generator or air compressor
- Three or four anchors (if sampling onboard a boat)
- Differential global positioning system (DGPS)
- Depth sounder (fathometer) or lead line (if sampling onboard a boat)
- Tape measurer
- Alconox® or Liquinox®
- 5-gallon buckets or large plastic tubs
- Decontamination solvents (if used, see project-specific FSP)
- Long-handled scrub brush
- Core tube caps or rubber stoppers
- Field logbook
- Field Sediment Core Form.

Procedures

Station Positioning

Station locations for all field sampling will be determined using a DGPS, or by surveying. The accuracy to which the latitude and longitude of a station location is determined will be specified in the FSP. At a minimum, a DGPS capable of providing latitude and longitude coordinates with an accuracy of approximately 3 m is recommended. The DGPS consists of two satellite receivers linked to each other by a VHF telemetry radio system. The receiver will be on the sampling vessel. Details on collection of very accurate station coordinates can be found in SOP AP-06, *Navigation and Positioning*.

Decontamination

To prevent potential cross-contamination of samples, all reusable sediment sampling equipment must be decontaminated. Before each station is sampled, decontaminate the inner surfaces of the corer or core tube liner and all stainless-steel sample compositing equipment. Prior to sampling, all core liners will be washed in sequence with a standard detergent (e.g., Alconox® or Liquinox®), rinsed with site water, and then air-dried. During storage and transport, decontaminated core liners will be capped at both ends to prevent contamination. Details on correct decontamination procedures can be found in SOP SD-01, *Decontamination of Sediment Sampling Equipment*. The project-specific field sampling plan (FSP) should also be consulted to determine any project-specific decontamination procedures. The personnel performing the decontamination procedures will wear protective clothing as specified in the site-specific health and safety plan.

All solvent rinsates (if used) will be collected into a bucket or tub and allowed to evaporate over the course of the day. Any rinsate that has not evaporated by the end of the sampling event will be containerized and disposed of in accordance with applicable regulations.

Vibracoring

A vibracore may be used either on land or onboard a boat. The following procedures are based on using the vibracorer aboard a boat, however, the same sample collection procedures would apply if a small, portable vibracorer unit is used on land with the exception of vessel specific requirements.

The sampling vessel will be equipped with a tripod or A- frame of sufficient height to allow recovery of the core (see project-specific FSP for information on target coring depth), and a power winch. On pontoon boats the tripod is centered over a hole in the floor, whereas on other boats the corer may be lowered over the side or stern. To obtain cores of high quality, the boat must be anchored with at least three anchors so the boat will not drift during the coring process.

1. Once on location, measure the water depth (depth to top of sediment) using the onboard depth sounder (fathometer) or lead line and record measured depth in the field logbook. If the water level is affected by tides, obtain tide level measurements and calculate tidal height in feet above mean low water. The date, time, weather, and sea conditions should also be recorded in the field logbook.
2. With the corer lying on the deck, insert the liner into the corer barrel until it contacts the bottom of the coring head. Screw on the nosecone, making sure the liner seats on the lowest shoulder inside the nosecone (about 1 in. from the bottom edge of the nosecone). Tighten as much as possible by hand.
3. Inspect connections of winch cable and electrical or pneumatic lines to confirm they are secure. Slowly raise the vibracorer into a vertical position with the winch

- and begin lowering it into the water at a speed of about 1 ft/s. Stop lowering the corer a few feet above the sediment and confirm that the boat has not drifted.
4. Resume lowering the corer at about 1 ft/s. When the nosecone of the vibracorer contacts the sediment, turn on the vibracorer motor. The vibracorer is then allowed to slowly penetrate the sediments. Initially, light tension should be maintained on the cable to keep the corer from tipping over.
 5. When the target penetration depth is reached, or refusal occurs, the motor is turned off and the vibracorer slowly withdrawn from the sediments and raised to the surface. The depth of penetration is then recorded in the field logbook. The penetration depth can be measured with white Velcro tape fixed to the outside of the corer barrel. The penetration depth is recorded as a sediment smudge on the Velcro. Because the sediments collapse around the corer, a cone of depression in the sediment will form next to the corer barrel, and the penetration depth is more than recorded on the Velcro.
 6. As soon as the nosecone clears the water surface, plug the bottom of the corer with a rubber stopper. With the corer hanging in a vertical position, clean the vibracorer assembly by hosing down the equipment with site water prior to being brought on board. If the corer is not plugged, care should be taken not to direct water into the open end of the core barrel.
 7. If the core will be processed horizontally, slowly lay the corer down. While removing the nosecone, the rubber stopper will also come off, so be ready to immediately seal the end of the core liner by placing a plastic cap over the open end. Carefully remove the core liner that contains the sample and place in a processing rack or tray. Avoid sudden movements that would disrupt the sediment interface. Measure the length of the recovered core, calculate percent recovery ($100 \times \text{recovered length} / \text{penetration depth}$), and record in the logbook. If the core will not be processed immediately, the core will be capped and marked with permanent marker using a unique number or alphanumeric code identifying sampling location, core number, core section, and segment orientation (i.e., which end is up).
 8. Check the core for acceptability. The following acceptability criteria should be satisfied:
 - The core tube is not overfilled with sample so that the sediment surface presses against the bottom of the vibracorer head.
 - Overlying water is present initially (indicates minimal leakage).
 - The overlying water is not excessively turbid (indicates minimal disturbance).
 - The desired penetration depth (see project-specific FSP for required penetration depth) or penetration refusal has been reached.
 - Depending on requirements of the project-specific FSP, a core may be rejected based on percent recovery. Commonly, a core is deemed

unacceptable if recovery is less than 80 percent. If recovery is less than 80 percent, the core sample will be retained for possible processing, while additional sampling attempts are made to collect a core with greater than 80 percent recovery. If subsequent attempts result in recoveries of less than 80 percent, the sample with the highest percent recovery may be used for analysis. The number of attempts to collect an acceptable sample will be specified in the project-specific FSP. If recovery is less than 80 percent, the core may be acceptable if the penetration depth is deeper than the target core length. In this case, the recovered length should be equal to the target length.

9. Core samples will then be placed in an upright position in the on-board storage area or taken to the core extraction area.

Sample Processing

Sample processing includes removing the sample from the liner, recording observations of sample characteristics, mixing subsamples, and distributing the sample to containers for shipping to a laboratory. Depending on the project-specific FSP, the core may be extruded from the polycarbonate liner and cut into the specified intervals as it emerges, or the core liner may be cut in half lengthwise, or the core liner may be cut into sections and sealed.

Observations

1. Verify that the length of the core, water depth (if sampling from a boat), and all required position data have been recorded in the field logbook together with all pertinent observations and communications with the field team leader.
2. For acceptable samples, remove the overlying water by slowly siphoning it off near one or more sides of the corer. Ensure that the siphon does not contact the sediments or that fine-grained suspended sediment is not siphoned off. If sediment is suspended in the overlying water, do not proceed with siphoning until the sediment is allowed sufficient time to settle.
3. Procedures for characterizing the sediment cores are provided in SOP SD-12 *Logging of Sediment Cores* and sediment descriptions will be documented on the Field Sediment Core Form. Characteristics that are often recorded in the Field Sediment Core Form include:
 - Sediment type (e.g., silt, sand)
 - Texture (e.g., fine-grain, coarse, poorly-sorted sand)
 - Color
 - Presence/location/thickness of the redox potential discontinuity layer (a visual indication of black is often adequate for documenting anoxia)
 - Approximate percentage of moisture

- Presence of biological structures (e.g., chironomids, tubes, macrophytes)
- Approximate percentage of biological structures
- Presence of debris (e.g., twigs, leaves)
- Approximate percentage of organic debris
- Presence of shells
- Approximate percentage of shells
- Layering or laminations, if any
- Presence of a sheen
- Odor (e.g., hydrogen sulfide, oil, creosote).

Compositing and Sample Preparation

1. After the sample is characterized, remove the specified sample interval using a stainless-steel spatula or spoon (see project-specific FSP for correct sampling interval). Using a stainless steel instrument, unrepresentative material (e.g., large shells, stones) should be carefully removed with the approval of the field team leader. Care must be taken not to touch the sediment during this process. Any unrepresentative material removed from the sample will be noted in the field logbook.
2. Remove subsamples for analysis of unstable constituents (e.g., volatile organic compounds, acid- volatile sulfides), and place them directly into sample containers without homogenization. Sediment must be placed in these containers with no headspace and no entrapped bubbles (i.e., completely fill the sample container).
3. Transfer the remainder of the sample interval to a stainless-steel mixing bowl or pot for homogenization. If additional sediment volume is required to fill all sample bottles (see project-specific FSP) and multiple cores need to be collected at a given station, then the mixing bowl or pot should be covered with aluminum foil (dull side down) to prevent sample contamination (e.g., from precipitation, engine exhaust, splashing water) and placed in a cool dark place.
4. After all the sediment is transferred to the mixing bowl or pot, homogenize the contents of the bowl or pot using stainless-steel spoons until the texture and color of the sediment appears to be uniform.
5. Distribute subsamples to the various containers specified in the study design and preserve the samples as specified in the study design. The sediment in the mixing bowl or pot should be briefly stirred in between each spoon transfer to the sample containers.
6. After all subsamples have been placed in the sample containers, if it is suspected that there is clay in a sample, a "ribbon test" should be performed. A separate "ribbon test" should be performed for each interval within the core where it is suspected that there is clay. In this test, a small piece of sediment from the sampled interval is removed using a decontaminated stainless-steel spoon and is

rolled between the fingers while wearing protective gloves. If the piece easily rolls into a ribbon it is clay; if it breaks apart, it is silt. This information should be noted in the field logbook.

7. Subsequent intervals should be processed in the same way.

Field Quality Control Samples

Details on collection of field quality control samples (e.g., field duplicates) will be specified in the project-specific FSP. Details on collection of field quality control samples and preparation of the certified reference materials can be found in SOP SD-02, *Preparation of Field Quality Control Samples – Sediment* and SOP SD-03, *Preparation of Reference Materials – Sediment*. Not all of the field quality control samples discussed in this SOP may be required for a given project. The specific field quality control samples will be described in the project-specific FSP and quality assurance project plan (QAPP).

Field Measurements

If the core is collected from a boat, then a water depth measurement must be collected at every sampling location. Depending on the specific project objectives, it may be necessary to perform field measurements of the *in situ* environment. Possible field measurements include temperature and pH of the sediment at the sediment-water interface and concentration of dissolved oxygen, salinity, or conductivity in the overlying water. Details on collection of field measurements can be found in SOP SD-11, *Field Analyses for Sediment*. The specific field measurements, if any, will be specified in the project-specific FSP.

Sample Custody and Shipping

All samples will be packaged and shipped with other samples in accordance with procedures outlined in SOP AP-1, *Sample Packaging and Shipping*. Sample custody will be maintained in accordance with procedures outlined in SOP AP-3, *Sample Custody*.

Trouble Shooting

Insufficient Sample

The corer may not collect enough sample because of 1) inadequate penetration, 2) adequate penetration but poor recovery because of compaction, 3) adequate penetration but poor recovery as a result of bypass, or 4) adequate penetration but loss of sample during retrieval. Compaction and bypass are two different artifacts that are difficult to distinguish and quantify. Following is an approach to identifying the causes and remedies of insufficient sample length. Keep in mind that a combination of these causes may occur.

- **Inadequate Penetration**— Allow more vibration time at the refusal depth, or increase the vibrator frequency.
- **Poor Recovery Because of Compaction**— Compaction is the process of rearranging the sediment particles, so that less volume is occupied by pore water, which results in a shorter column of sediment in the corer than *in situ*. Compaction only occurs in clean coarse silt, sand, and gravel sediments that have a high hydraulic conductivity and are not terminally compacted *in situ*. Fine-grained cohesive sediment (i.e., low hydraulic conductivity) does not compact. The key feature of compaction is that all of the solids ahead of the nosecone are collected as the corer penetrates. So, although the calculated recovery is less than 10 percent, 100 percent of the sediment solids were recovered. Therefore, if the sample has poor recovery, is composed of clean coarse-grained materials, and there is no evidence of sediment falling out the bottom, then the sample is likely to have been compacted. Depending on the project-specific FSP, the specified sample intervals may be shortened proportional to recovery. Because compaction of the solids displaces pore water, minimal compaction is needed for cores that are intended for porewater studies, or cores that will be analyzed for substances that have low Kd values. Vibration in vibracorerers is known to rearrange particles which leads to compaction, so another type of corer may be appropriate if compaction is a problem.
- **Poor Recovery as a Result of Bypass**— Bypass is the process of pushing sediment out of the path of the nosecone/corer as it penetrates the sediment. This is caused by the friction of sediment inside the core liner making it difficult for more sediment to enter the tube. This is most pronounced in fine-grained sediments that have low hydraulic conductivity, or layers of hard and soft sediment, or long cores. The low hydraulic conductivity prevents porewater from being displaced, so compaction cannot occur. Fine-grained sediments in this context are those in which particles cannot be felt between the thumb and forefinger of an ungloved hand. These are generally “sticky” or cohesive sediments. Therefore, if a sample has poor recovery, is fine grained and cohesive, and there is no evidence of sediment falling out the bottom, then some of the sediment column has likely been bypassed.
- **Poor Recovery Because of Loss of Sample during Retrieval**— This is often diagnosed by seeing some of the core falling out the bottom as the corer approaches the water surface during retrieval, or a core liner that is empty near the bottom. Sample slipping out the bottom of the corer can be caused by a loss of suction or non-cohesive sediment that does not stick to the liner wall. Depending on the specific design of the vibracorer, there are several places at which suction can be lost. These may include the valve seat, the valve assembly, the nose piece, and couplings between the barrel and extensions. Use Teflon® plumber’s tape on all the threaded connections, and clean the valve assembly. For coarse-grained

sediment (e.g., clean coarse sand and gravel, and shells) that is non-cohesive and falls out the bottom of the corer, it is sometimes possible to penetrate to a lower layer that is finer grained and will effectively plug the bottom of the core. Core catchers may also be used to retain sediment, however they should not be used if the surface sediments have high water contents and are to be sectioned at less than about 5 cm intervals.

Because recovery can be an important indicator of corer performance, sediment characteristics, and sample quality, some simple tests can be performed to determine what is happening. Penetration of the corer can be measured by putting white Velcro® tape on the outside of the corer. Velcro® tape can also be used on the inside of the liner during testing to see how far up inside the liner the sediment interface moves, how much sample slips out the bottom, and how much compaction or bypass occurs.

Notes

1. For long cores that require more than one piece of liner, squarely cut the ends of both pieces with a plastic pipe cutter, butt the ends of the two pieces of liner squarely together and tape them securely so no leaks occur. Do not use too many layers of tape or the liner will not fit into the barrel. Do not use duct tape for this process. Use a high quality tape (i.e., 3M 3750) and dry the tubes before applying.
2. Sometimes tripods are not tall enough to lift the corer so that the barrel will clear the top edge of the liner when removing the liner. To remove the liner in this case, upon unscrewing the nose piece, lower the nose piece and liner into a pail that has a rope securely tied to the handle. While the corer is raised by the winch, lower the pail through the hole in the deck and into the water (if necessary) until the top edge of the liner clears the bottom edge of the barrel. Then lift it back onto the deck.
3. If the corer does not penetrate significantly or if the cable is let out too quickly, the corer will contact the bottom, tip over, and fall sideways. When this happens, the line will initially go slack, then quickly snap to the side and take up the slack. In this case, reject the core and begin again.
4. A good measure of whether the corer collected the sediment-water interface is to inspect the interface for a thin layer (about 1 mm) of olive green benthic or detrital algae. Also, if the core liner is rotated back and forth gently, the top centimeter will appear to have a gelatinous response.
5. It is sometimes impossible to collect an intact interface because gas bubbles are commonly released from sediment when the corer contacts the sediment. The released gas bubbles entrain surface sediment and cause the overlying water to become turbid. If this is the case, gas bubbles in the sediment can likely be observed through the liner wall.

STANDARD OPERATING PROCEDURE SOP-SL5

SURFACE SOIL SAMPLING

Scope and Application

The following procedures are designed to be used to collect surface soil samples (i.e., 0-4 inches below ground surface). Soil samples should be collected from areas having lower levels of constituents of interest first, followed by stations with higher expected levels of constituents of interest.

The procedures listed below may be modified in the field by the agreement of the lead site sampler and field personnel, based on field and site conditions, after appropriate annotations have been made in the field logbook. If specialized sampling methods (e.g., ENCORE®) are to be used, refer to the manufacturer's recommended procedures. If methanol preservation is required, refer to Integral's SOP on methanol preservation of soil samples. Record all pertinent information on Integral's surface soil sampling field data form (attached).

Equipment and Supplies Required

- Decontaminated sampling tool (stainless-steel shovel, scoop, trowel, or spoon)
- Large stainless steel mixing bowl and spoon
- Laboratory-supplied sample containers, insulated coolers, and ice
- Chain-of-custody forms, custody seals, sample labels
- Ziploc® Bags
- Camera
- Tape measure
- Field logbook, surface soil field collection form, and pens
- Project-specific field sampling plan (FSP) and health and safety plan (HSP)

- PPE (safety glasses, steel-toed boots, nitrile gloves, and any other items required by the project-specific HSP)
- Decontamination equipment.

Procedures

1. Locate the sample station as directed in the project-specific FSP. Label containers with sample tags prior to filling in accordance with Integral's SOP on sample labeling (SOP-AP4). If analytical testing will be performed for volatile organic compounds (VOCs), the VOC sample will be collected first (with a minimum of disturbance) by placing the sample into the container with a minimum amount of headspace and sealed tightly.
2. Don a new pair of nitrile gloves and expose the soil surface by clearing an approximately 1-ft² area at the sampling site of any rocks or organic material greater than approximately 3 in. in size. Note any material removed from the sampling site in the field logbook.
3. Using a decontaminated stainless-steel sampling tool, excavate soil to the depth specified in the work plan.
4. If required for analysis, first collect VOC samples (prior to any homogenization) from a discrete location, placing the samples in the appropriate containers. Label sample containers before filling in accordance with Integral's SOP on sample labeling (SOP-AP4).
5. Place additional sample material in a decontaminated plastic or stainless-steel mixing bowl.
6. Thoroughly mix and homogenize the sample using disposable equipment or a decontaminated stainless-steel spoon until the color and texture are consistent throughout.
7. If required for analysis, first collect samples for grain-size tests before any large rocks are removed from the homogenized soil.
8. Rocks that are greater than 0.5 in. in diameter may be discarded from the homogenized soil after they are identified and their percentage contribution to the homogenized soil volume has been determined and noted on the surface soil field collection form or in the field logbook.
9. Remove samples of the homogenized soil from the mixing bowl with the decontaminated stainless steel spoon and place in the appropriate size sample

container. Do not touch the sample with your gloves. The sample container should be filled with soil to just below the container lip, and the container should be sealed tightly. Label sample containers before filling in accordance with Integral's SOP on sample labeling.

10. Describe the soil in accordance with ASTM D2488-00 (see Integral's SOP on field classification of soils, SOP-SL4).
11. Mark the sampling site with a wire flag, wooden stake, metal rebar, or flagging, as appropriate.
12. Complete all pertinent field QA/QC documentation, logbooks, sample labels, and field data sheets. Record any deviations from the specified sampling procedures or any obstacles encountered.
13. Photograph sample location and document in the logbook.
14. Decontaminate all sampling equipment according to Integral's SOP on decontaminating equipment for soil sampling (SOP-SL1) and in accordance with the project-specific FSP.

STANDARD OPERATING PROCEDURE SOP-SL6

SUBSURFACE SOIL SAMPLING

Scope and Application

The following procedures are designed to be used to collect surface soil samples. Soil samples should be collected from areas having lower levels of constituents of interest first, followed by stations with higher expected levels of constituents of interest.

The procedures listed below may be modified in the field by the agreement of the lead site sampler and field personnel, based on field and site conditions, after appropriate annotations have been made in the appropriate field logbook. If specialized sampling methods (e.g., ENCORE®) are to be used, refer to the manufacturer's recommended procedures. If methanol preservation is required, refer to Integral's SOP on methanol preservation of soil samples. Record all pertinent information on Integral's soil sampling field data form (attached).

Equipment and Supplies Required

- Subsurface sampling equipment [specific to project; consult field sampling plan (FSP)] (e.g., hand-auger, drive sampler, split-tube sampler, macrocore, stainless-steel spades)
- Large stainless steel mixing bowl and spoon
- Laboratory-supplied sample containers, insulated coolers, and ice
- Chain-of-custody forms, custody seals, sample labels
- Ziploc® Bags
- Camera
- Tape measure
- Field logbook, surface soil field collection form, and pens
- Project-specific FSP and health and safety plan (HSP)

- PPE (safety glasses, steel-toed boots, nitrile gloves, and any other items required by the project-specific HSP)
- Decontamination equipment.

Subsurface Soil Collection with Hand-Auger

The following procedures are designed to be used during the general operation of hand-augers and drive samplers. The procedures listed below may be modified in the field by the agreement of the lead site sampler and drill operators, based on field and site conditions, after appropriate annotations have been made in the field logbook.

1. Locate the sample station as directed in the project-specific FSP. Label containers with sample tags prior to filling in accordance with Integral's SOP on sample labeling
2. Place plastic sheeting adjacent to the sampling location.
3. Use hand auger/drive sampler to bore into subsurface soil.
4. Empty soil from hand-auger/drive sampler cuttings on to the plastic sheeting.
5. Log the subsurface material in accordance with ASTM D2488 (see Integral's SOP on field classification of soils).
6. Decontaminate all sampling equipment according to Integral's SOP on decontaminating equipment for soil sampling and in accordance with the project-specific FSP.
7. (a) If soil sample is to be a discrete sample, collect soil using a clean/decontaminated stainless-steel spoon.

(b) If soil sample is to be a composite, collect soil from all locations to be sampled into one stainless-steel bowl and homogenize the soil. If required for analysis, first collect VOC samples (prior to any homogenization). If analytical testing will be performed for VOCs, the VOC sample will be collected first (with a minimum of disturbance) by placing the sample into the container with a minimum amount of headspace and sealed tightly. If collecting VOC samples, preserve samples in accordance with Integral's SOP on methanol field preservation.

8. Place the additional sample material in a decontaminated compositing bowl and thoroughly mix and homogenize the sample using a decontaminated spoon until the color and texture are consistent throughout.
9. Rocks that are greater than 0.5 in. in diameter may be discarded from the homogenized soil after they are positively identified and their percentage contribution to the homogenized soil volume has been determined and noted in the field notebook.
10. Remove samples of the homogenized soil from the compositing bowl and place in the appropriate size sample container. The sample container should be filled with soil to just below the container lip, and the container should be sealed tightly.
11. Complete the appropriate field books, field data sheets, and QA/QC documentation. Photograph core with appropriate orientation, depth, and site markers visible in the photograph, if applicable.
12. Backfill sampling hole with remaining hand auger/drive sampler cuttings.

Subsurface Drilling

The following procedures are designed to be used during the general operation of drilling rigs. The procedures listed below may be modified in the field by the agreement of the lead site sampler and drill operators, based on field and site conditions, after appropriate annotations have been made in the field logbook.

1. Locate the sample station as directed in the project-specific FSP. Label containers with sample tags prior to filling in accordance with Integral's SOP on sample labeling.
2. Before drilling commences, instruct drilling rig operator as to depth of first sample to be collected and drilling interval between samples.
3. Decontaminate all sampling equipment according to Integral's SOP on decontaminating equipment for soil sampling and in accordance with the project-specific FSP.
4. After driving the split-tube sampler, macrocore, or other sampling device its entire length or upon refusal of advancement, recover the sampler.
5. After recovery of the sampler, open the sampler.

6. If required for analysis, first collect VOC samples (prior to any homogenization). If analytical testing will be performed for VOCs, the VOC sample will be collected first (with a minimum of disturbance) by placing the sample into the container with a minimum amount of headspace and sealed tightly.
7. Log the subsurface material in accordance with ASTM D2488 (see Integral's SOP on field classification of soils).
8. Place the additional sample material in a decontaminated compositing bowl and thoroughly mix and homogenize the sample using a decontaminated spoon until the color and texture are consistent throughout.
9. Rocks that are greater than 0.5 in. in diameter may be discarded from the homogenized soil after they are positively identified and their percentage contribution to the homogenized soil volume has been determined and noted in the field notebook.
10. Remove samples of the homogenized soil from the compositing bowl and place in the appropriate size sample container. The sample container should be filled with soil to just below the container lip, and the container should be sealed tightly.
11. Complete the appropriate field books, field data sheets, and QA/QC documentation. Photograph core with appropriate orientation, depth, and site markers visible in the photograph, if applicable.

Equipment-Excavated Test Pits

The following procedures are to be used during the excavation of pits with construction equipment (backhoes) prior to soil sampling operations. Adhere to all requirements of the site safety plan for this specific activity. The procedures listed below may be modified in the field by agreement of the lead site sampler and field personnel, based on field and site conditions, after appropriate annotations have been made in the field logbook.

1. Locate the sample station as directed in the project-specific FSP. Label containers with sample tags prior to filling in accordance with Integral's SOP on sample labeling.
1. Select the appropriate orientation for the excavation. This will be based on the judgment of the lead field sampler and on site conditions. The sampler(s) MUST remain in visual contact with the backhoe operator at

- all times, and out of possible “pinch zones” or areas where heavy equipment may move or swing.
2. Begin pit excavation. Place excavated materials a sufficient distance from the pit so that excavated materials do not slough into the pit.
 3. Continue excavation of the pit to the required depth. If pit entry is necessary, this depth will not exceed 4 ft from the ground surface. Never enter a trench or pit if unstable conditions exist. The proper pit exit trenches, shoring, and sloping will be excavated to prevent accidental burial of sampling crew, and will meet or exceed all OSHA Construction Standards (29 CFR § 1926; Attachment 201-2) for entrance by sampling personnel. If pit entry is not necessary for sampling activities, pit depth can exceed 4 ft bgs. Instruct the backhoe operator to scrap material evenly along an exposed face to collect (to the extent practicable) a representative sample the soils across the entire face in the bucket. Soil samples will be collected from the middle of the backhoe bucket.
 4. If pit entry is necessary, sampling personnel may enter the pit only after all excavation is complete and the excavation is deemed safe to occupy by the site safety supervisor.
 5. Soil profile descriptions will be made from a hand-cleaned (if possible) surface along the pit wall using the appropriate field classification system (see Integral’s SOP on field classification of soils) and profile sheets as defined in the work plan or SAP.
 6. Decontaminate all sampling equipment according to Integral’s SOP on decontaminating equipment for soil sampling and in accordance with the project-specific FSP.
 7. If analytical testing will be performed for VOCs, the VOC sample will be collected first (with a minimum of disturbance) by placing the sample into the container with a minimum amount of headspace and sealed tightly.
 8. Using a decontaminated stainless-steel or disposable sampling tool (depending on project-specific requirements; see FSP), excavate soil evenly from the face of the trench wall or from the bucket.
 9. Place sample material in a decontaminated compositing bowl and thoroughly mix and homogenize the sample using either disposable equipment or a decontaminated stainless-steel spoon until the color and texture are consistent throughout.

10. If required for analysis, first collect samples for gradation tests (ASTM D6913-04e1) before any large rocks are removed from the homogenized soil.
11. Rocks that are greater than 0.5 in. in diameter may be discarded from the homogenized soil after they are positively identified and their percentage contribution to the homogenized soil volume has been determined and noted in the field notebook.
12. Remove samples of the homogenized soil from the compositing bowl and place in the appropriate size sample container. The sample container should be filled with soil to just below the container lip, and the container should be sealed tightly. Label sample containers before filling in accordance with Integral's SOP on sample labeling.
13. Complete all pertinent field QA/QC documentation, logbooks, sample labels, and field data sheets. Record any deviations from the specified sampling procedures or any obstacles encountered.
14. Describe the soil in accordance with ASTM D2488 (see Integral's SOP on field classification of soils).
15. Mark the sampling site with a wire flag, wooden stake, metal rebar, or flagging, as appropriate.
16. Photograph sample location and document in the logbook.