

| Replicate No. at each Station | Batch No. | Phylum | Class | Order | Family | Scientific Name | Quantity | Weight (g) | Average weight (g) |
|-------------------------------|------------|-------------|----------------|---------------------------|------------------|-----------------------------------|----------|------------|--------------------|
| SS3-A | 8948-49 | Annelida | Polychaeta | Scolecida | Cossuridae | <i>Cossurella spp</i> | 1 | 0.0088 | 0.0088 |
| | | Annelida | Polychaeta | Scolecida | Opheliidae | <i>Ophelina grandis</i> | 2 | 0.0091 | 0.0046 |
| | | Annelida | Polychaeta | Aciculata | Onuphidae | <i>Diopatra spp</i> | 1 | 0.0135 | 0.0135 |
| | | Annelida | Polychaeta | Canalipalpata | Ampharetidae | <i>Amphisamytha spp</i> | 1 | 0.0058 | 0.0058 |
| | | Annelida | Polychaeta | Scolecida | Capitellidae | <i>Mediomastus californiensis</i> | 1 | 0.0052 | 0.0052 |
| | | Nemertea | Anopla | Heteronemertea | Cerebratulidae | <i>Cerebratulina spp</i> | 1 | 0.0018 | 0.0018 |
| | | Nemertea | Anopla | Heteronemertea | Lineidae | <i>Lineus vegetus</i> | 1 | 0.0150 | 0.0150 |
| | | Annelida | Polychaeta | Canalipalpata | Cirratulidae | <i>Chaetozone spp</i> | 7 | 0.2613 | 0.0373 |
| | | Annelida | Polychaeta | Scolecida | Maldanidae | <i>Praxillela spp</i> | 5 | 0.0377 | 0.0075 |
| | | Annelida | Polychaeta | Aciculata | Nephtyidae | <i>Aglaophamus inermis</i> | 2 | 0.0069 | 0.0035 |
| | | Annelida | Polychaeta | Aciculata | Phyllodocidae | <i>Eteone spp</i> | 1 | 0.0551 | 0.0551 |
| | | Annelida | Polychaeta | Canalipalpata | Flabelligeridae | <i>Therochaeta spp</i> | 3 | 0.0258 | 0.0086 |
| | | Arthropoda | Crustacea | Decapoda | Macrophthalmidae | <i>Macrophthalmus spp</i> | 1 | 0.0333 | 0.0333 |
| | | Arthropoda | Crustacea | Decapoda | Pinnotheridae | <i>Anomalifrons lightana</i> | 1 | 0.0199 | 0.0199 |
| | | Chordata | Actinopterygii | Perciformes | Gobiidae | <i>Trypauchen vagina</i> | 1 | 1.3856 | 1.3856 |
| Annelida | Polychaeta | Terebellida | Sternaspidae | <i>Sternaspis scutata</i> | 2 | 0.0798 | 0.0399 | | |
| SS3-B | 8948-50 | Annelida | Polychaeta | Aciculata | Onuphidae | <i>Diopatra spp</i> | 1 | 0.0028 | 0.0028 |
| | | Annelida | Polychaeta | Eunicida | Lumbrineridae | <i>Lumbrineris spp</i> | 3 | 0.0100 | 0.0033 |
| | | Annelida | Polychaeta | Terebellida | Sternaspidae | <i>Sternaspis scutata</i> | 3 | 0.0515 | 0.0172 |
| | | Nemertea | Anopla | Heteronemertea | Cerebratulidae | <i>Cerebratulina spp</i> | 1 | 0.0148 | 0.0148 |
| | | Annelida | Polychaeta | Canalipalpata | Spionidae | <i>Minuspio cirrifera</i> | 5 | 0.0183 | 0.0037 |
| | | Annelida | Polychaeta | Scolecida | Maldanidae | <i>Praxillela spp</i> | 2 | 0.0027 | 0.0014 |
| | | Annelida | Polychaeta | Canalipalpata | Flabelligeridae | <i>Therochaeta spp</i> | 3 | 0.0230 | 0.0077 |
| SS3-C | 8948-51 | Annelida | Polychaeta | Scolecida | Opheliidae | <i>Ophelina grandis</i> | 13 | 0.2080 | 0.0160 |
| | | Annelida | Polychaeta | Canalipalpata | Poecilochaetidae | <i>Poecilochaetus spp</i> | 1 | 0.0003 | 0.0003 |
| | | Nemertea | Anopla | Heteronemertea | Cerebratulida | <i>Cerebratulina spp</i> | 1 | 0.0094 | 0.0094 |
| | | Annelida | Polychaeta | Canalipalpata | Spionidae | <i>Minuspio cirrifera</i> | 5 | 0.0260 | 0.0052 |
| | | Annelida | Polychaeta | Phyllodocida | Glyceridae | <i>Glycera onomichiensis</i> | 2 | 0.0054 | 0.0027 |
| | | Annelida | Polychaeta | Terebellida | Sternaspidae | <i>Sternaspis scutata</i> | 2 | 0.0116 | 0.0058 |
| | | Annelida | Polychaeta | Scolecida | Maldanidae | <i>Praxillela spp</i> | 2 | 0.0444 | 0.0222 |
| | | Annelida | Polychaeta | Canalipalpata | Flabelligeridae | <i>Therochaeta spp</i> | 1 | 0.0063 | 0.0063 |
| | | Annelida | Polychaeta | Scolecida | Paraonidae | <i>Paradoneis spp</i> | 3 | 0.0134 | 0.0045 |
| | | Arthropoda | Crustacea | Decapoda | Ocypodidae | <i>Ocypode spp.</i> | 1 | 0.7112 | 0.7112 |
| | | Arthropoda | Crustacea | Decapoda | Portunidae | <i>Thalamita prymna</i> | 1 | 0.0634 | 0.0634 |
| SS3-D | 8948-52 | Annelida | Polychaeta | Scolecida | Cossuridae | <i>Cossurella spp</i> | 2 | 0.0178 | 0.0089 |
| | | Sipuncula | Sipunculidea | Golfingiida | Sipunculidae | <i>Sipunculus nudus</i> | 1 | 0.0047 | 0.0047 |
| | | Annelida | Polychaeta | Eunicida | Lumbrineridae | <i>Lumbrineris spp</i> | 1 | 0.0018 | 0.0018 |
| | | Nemertea | Anopla | Heteronemertea | Lineidae | <i>Lineus vegetus</i> | 1 | 0.0061 | 0.0061 |
| | | Annelida | Polychaeta | Phyllodocida | Nereidae | <i>Perinereis spp</i> | 5 | 0.0248 | 0.0050 |

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|----------|------------|---------------|--------------|-----------------------|------------------|-----------------------------------|--------|--------|--------|
| SS3-E | 8948-53 | Annelida | Polychaeta | Canalipalpata | Flabelligeridae | <i>Therochaeta spp</i> | 4 | 0.0264 | 0.0066 |
| | | Annelida | Polychaeta | Scolecida | Cossuridae | <i>Cossurella spp</i> | 6 | 0.0007 | 0.0001 |
| | | Annelida | Polychaeta | Scolecida | Opheliidae | <i>Ophelina grandis</i> | 1 | 0.0482 | 0.0482 |
| | | Sipuncula | Sipunculidea | Golfingiida | Sipunculidae | <i>Sipunculus nudus</i> | 1 | 0.0039 | 0.0039 |
| | | Annelida | Polychaeta | Aciculata | Pilargiidae | <i>Pilargidae spp</i> | 1 | 0.0008 | 0.0008 |
| | | Annelida | Polychaeta | Scolecida | Capitellidae | <i>Mediomastus californiensis</i> | 1 | 0.0006 | 0.0006 |
| | | Annelida | Polychaeta | Terebellida | Sternaspidae | <i>Sternaspis scutata</i> | 1 | 0.2778 | 0.2778 |
| | | Nemertea | Anopla | Heteronemertea | Cerebratulidae | <i>Cerebratulina spp</i> | 1 | 0.0034 | 0.0034 |
| | | Annelida | Polychaeta | Phyllodocida | Glyceridae | <i>Glycera onomichiensis</i> | 1 | 0.3083 | 0.3083 |
| | | Annelida | Polychaeta | Scolecida | Paraonidae | <i>Paradoneis spp</i> | 3 | 0.0163 | 0.0054 |
| SS3-F | 8948-54 | Annelida | Polychaeta | Canalipalpata | Spionidae | <i>Minuspio cirrifera</i> | 4 | 0.0285 | 0.0071 |
| | | Nemertea | Anopla | Heteronemertea | Lineidae | <i>Lineus vegetus</i> | 1 | 0.0125 | 0.0125 |
| | | Annelida | Polychaeta | Scolecida | Maldanidae | <i>Praxillela spp</i> | 13 | 0.1361 | 0.0105 |
| | | Annelida | Polychaeta | Scolecida | Paraonidae | <i>Paradoneis spp</i> | 3 | 0.0182 | 0.0061 |
| | | Annelida | Polychaeta | Aciculata | Nephtyidae | <i>Aglaophamus inermis</i> | 1 | 0.1330 | 0.1330 |
| | | Annelida | Polychaeta | Aciculata | Phyllodocidae | <i>Eteone spp</i> | 2 | 0.0711 | 0.0356 |
| | | Annelida | Polychaeta | Phyllodocida | Nereidae | <i>Perinereis spp</i> | 2 | 0.0191 | 0.0096 |
| | | Annelida | Polychaeta | Aciculata | Polynoidae | <i>Polynoe spp</i> | 1 | 0.0015 | 0.0015 |
| | | Annelida | Polychaeta | Aciculata | Dorvilleidae | <i>Dorvillea spp</i> | 1 | 0.0010 | 0.0010 |
| | | Annelida | Polychaeta | Canalipalpata | Chaetopteridae | <i>Phyllochactopterus spp</i> | 1 | 0.0788 | 0.0788 |
| | | Annelida | Polychaeta | Canalipalpata | Poecilochaetidae | <i>Poecilochaetus spp</i> | 2 | 0.0014 | 0.0007 |
| | | Annelida | Polychaeta | Aciculata | Pilargiidae | <i>Pilargidae spp</i> | 1 | 0.0100 | 0.0100 |
| | | Annelida | Polychaeta | Eunicida | Lumbrineridae | <i>Lumbrineris spp</i> | 2 | 0.0128 | 0.0064 |
| | | Annelida | Polychaeta | Canalipalpata | Pectinariidae | <i>Lagis spp</i> | 2 | 0.0248 | 0.0124 |
| | | Annelida | Polychaeta | Canalipalpata | Flabelligeridae | <i>Therochaeta spp</i> | 1 | 0.0067 | 0.0067 |
| Annelida | Polychaeta | Canalipalpata | Cirratulidae | <i>Chaetozone spp</i> | 1 | 0.0233 | 0.0233 | | |
| SS3-G | 8948-55 | Annelida | Polychaeta | Aciculata | Phyllodocidae | <i>Eteone spp</i> | 1 | 0.0244 | 0.0244 |
| | | Annelida | Polychaeta | Scolecida | Paraonidae | <i>Paradoneis spp</i> | 2 | 0.0128 | 0.0064 |
| | | Annelida | Polychaeta | Scolecida | Cossuridae | <i>Cossurella spp</i> | 3 | 0.0430 | 0.0143 |
| | | Annelida | Polychaeta | Aciculata | Polynoidae | <i>Polynoe spp</i> | 1 | 0.0001 | 0.0001 |
| | | Annelida | Polychaeta | Canalipalpata | Ampharetidae | <i>Amphisamytha spp</i> | 1 | 0.0076 | 0.0076 |
| | | Annelida | Polychaeta | Aciculata | Sigalionidae | <i>Leanira japonica</i> | 1 | 0.0061 | 0.0061 |
| | | Annelida | Polychaeta | Scolecida | Capitellidae | <i>Mediomastus californiensis</i> | 1 | 0.0008 | 0.0008 |
| | | Annelida | Polychaeta | Terebellida | Sternaspidae | <i>Sternaspis scutata</i> | 1 | 0.0065 | 0.0065 |
| | | Annelida | Polychaeta | Canalipalpata | Spionidae | <i>Minuspio cirrifera</i> | 2 | 0.0182 | 0.0091 |
| | | Annelida | Polychaeta | Aciculata | Nephtyidae | <i>Aglaophamus inermis</i> | 2 | 0.0320 | 0.0160 |

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|-------|---------|------------|------------|----------------|-----------------|-----------------------------------|---|--------|--------|
| SS3-H | 8948-56 | Annelida | Polychaeta | Aciculata | Polynoidae | <i>Polynoe spp</i> | 1 | 0.0051 | 0.0051 |
| | | Annelida | Polychaeta | Canalipalpata | Chaetopteridae | <i>Phyllochactopterus spp</i> | 1 | 0.0024 | 0.0024 |
| | | Annelida | Polychaeta | Scolecida | Capitellidae | <i>Mediomastus californiensis</i> | 3 | 0.0067 | 0.0022 |
| | | Annelida | Polychaeta | Eunicida | Lumbrineridae | <i>Lumbrineris spp</i> | 1 | 0.0015 | 0.0015 |
| | | Nemertea | Anopla | Heteronemertea | Cerebratulidae | <i>Cerebratulina spp</i> | 1 | 0.0056 | 0.0056 |
| | | Nemertea | Anopla | Heteronemertea | Lineidae | <i>Lineus vegetus</i> | 1 | 0.0046 | 0.0046 |
| | | Annelida | Polychaeta | Canalipalpata | Flabelligeridae | <i>Therochaeta spp</i> | 3 | 0.0224 | 0.0075 |
| | | Annelida | Polychaeta | Aciculata | Goniadidae | <i>Goniada spp</i> | 1 | 0.0088 | 0.0088 |
| | | Annelida | Polychaeta | Terebellida | Sternaspidae | <i>Sternaspis scutata</i> | 4 | 0.9369 | 0.2342 |
| | | Annelida | Polychaeta | Scolecida | Maldanidae | <i>Praxillela spp</i> | 8 | 0.0249 | 0.0031 |
| | | Annelida | Polychaeta | Canalipalpata | Terebellidae | <i>Loimia medusa</i> | 1 | 0.0047 | 0.0047 |
| | | Annelida | Polychaeta | Aciculata | Nephtyidae | <i>Aglaophamus inermis</i> | 1 | 0.0189 | 0.0189 |
| | | Annelida | Polychaeta | Aciculata | Phyllodocidae | <i>Eteone spp</i> | 1 | 0.0801 | 0.0801 |
| | | Arthropoda | Crustacea | Decapoda | Portunidae | <i>Scylla spp.</i> | 1 | 0.0674 | 0.0674 |
| | | Arthropoda | Crustacea | Decapoda | Pinnotheridae | <i>Anomalifrons lightana</i> | 1 | 0.0078 | 0.0078 |

Remarks: (i) Each station with 8 replicates (A-H); (ii) No benthic organism was collected in station with ***

Sediment Size Distribution

| Parameters | Station | Station SS3 | Station SS4 |
|--|---------------------------------------|----------------|----------------|
| Size Spectrum (Percentage of sand/silt/clay) | Size Spectrum (>2000 μ m), % | 2~3.5 | 0.2~1.1 |
| | Size Spectrum (63-2000 μ m), % | 23~29 | 6.9~9.8 |
| | Size Spectrum (<63 μ m), % | 68~74 | 90~93 |

Remarks:

1. Analytical Method - GEOSPEC 3:2001 Test 8.1