

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F1-03-00-PHC-SC	97-0-F1-03-02-PHC-SC	97-0-F1-03-04-PHC-SC	97-0-F1-03-06-PHC-SC
Lab ID	97C1234	97C1240	97C1235	97C1236
SDG	SDGS001	SDGS001	SDGS001	SDGS001
File	07299724.D	07299732.D	07299725.D	07299726.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	21.9 g	24.6 g	26.3 g	26.9 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-86PB	BK-S-86PB	BK-S-86PB	BK-S-86PB
Field Date	7/16/1997	7/16/1997	7/16/1997	7/16/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/23/1997
Analysis Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Min Reporting Limit	0.023	0.02	0.019	0.018
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	ND
nC10	0.015 J	0.0078 J	0.013 J	0.01 J
nC11	0.0035 J	0.0035 J	0.0043 J	0.0044 J
nC12	0.0046 J	0.0069 J	0.0063 J	0.0058 J
nC13	0.0056 J	0.0069 J	0.0055 J	0.0052 J
1380	0.0096 J	0.008 J	0.0051 J	0.0052 J
nC14	0.0062 J	0.0091 J	0.0093 J	0.0072 J
1470	0.011 J	0.011 J	0.011 J	0.011 J
nC15	0.021 J	0.035	0.026	0.029
nC16	0.0093 J	0.011 J	0.0086 J	0.0095 J
1650	0.0078 J	0.0073 J	0.0067 J	0.008 J
nC17	0.0084 J	0.023	0.017 J	0.018
pristane	0.031	0.024	0.024	0.026
nC18	0.015 J	0.017 J	0.013 J	0.016 J
phytane	0.0073 J	ND	ND	ND
nC19	0.043	0.051	0.038	0.045
nC20	ND	ND	ND	ND
nC21	0.094	0.1	0.076	ND
nC22	0.056	0.066	0.052	0.061
nC23	0.17	0.17	0.14	0.16
nC24	0.035	0.042	0.03	0.035
nC25	0.15	0.19	0.17	0.21
nC26	0.081	0.025	ND	0.028
nC27	0.34	0.44	0.3	0.38
nC28	0.046	0.068	0.065	0.074
nC29	0.32	0.47	0.29	0.41
nC30	0.11	ND	0.11	0.22
nC31	0.4	0.55	0.37	0.46
nC32	0.11	0.1	0.09	0.11
nC33	0.17	0.2	0.19	0.2
nC34	0.11	0.1	0.08	0.095
nC35	0.082	0.098	0.078	0.081
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	0.014 J
nC38	0.11	0.1	0.091	0.11
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	30	34	25	30
TPHC	48	56	45	53
OTP	108	98	107	102
5AA	101	91	100	95
D50T	103	95	102	98

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F1-03-08-PHC-SC	97-0-F1-03-12-PHC-SC	97-0-F1-03-18-PHC-SC	97-0-F1-03-22-PHC-SC
Lab ID	97C1238	97C1239	97C1233REX	97C1241
SDG	SDGS001	SDGS001	SDGS001	SDGS001
File	07299730.D	07299731.D	07299723.D	07299733.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	28.2 g	28.9 g	28.8 g	28 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-86PB	BK-S-86PB	BK-S-86PBREX	BK-S-86PB
Field Date	7/16/1997	7/16/1997	7/16/1997	7/16/1997
Extract Date	7/23/1997	7/23/1997	7/25/1997	7/23/1997
Analysis Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Min Reporting Limit	0.018	0.017	0.017	0.018
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	ND
nC10	0.0078 J	0.013 J	0.013 J	0.0093 J
nC11	0.0053 J	0.019	0.0041 J	0.12
nC12	0.0071 J	0.0055 J	0.0051 J	0.0059 J
nC13	0.0075 J	0.0085 J	0.0061 J	0.0094 J
1380	0.0074 J	0.006 J	0.0043 J	0.0066 J
nC14	0.0067 J	0.012 J	0.0088 J	0.019
1470	0.012 J	0.012 J	0.0088 J	0.015 J
nC15	0.036	0.043	0.033	0.04
nC16	0.01 J	0.011 J	0.0095 J	0.0092 J
1650	0.0083 J	0.0092 J	0.0064 J	0.0085 J
nC17	0.018	0.025	0.014 J	0.023
pristane	0.018	0.022	0.032	0.024
nC18	0.014 J	0.017	0.014 J	0.014 J
phytane	ND	0.0071 J	0.0048 J	0.0063 J
nC19	0.045	0.046	0.035	0.042
nC20	ND	ND	ND	ND
nC21	ND	0.084	ND	0.092
nC22	0.07	0.058	0.056	0.06
nC23	0.17	0.13	0.11	0.13
nC24	0.041	0.047	0.028	ND
nC25	0.18	0.2	0.16	0.24
nC26	0.042	0.11	0.041	0.06
nC27	0.41	0.43	0.36	0.47
nC28	0.078	0.065	0.058	0.061
nC29	0.46	0.42	0.36	0.45
nC30	0.23	0.23	0.19	0.21
nC31	0.52	0.36	0.34	0.38
nC32	0.1	0.027	ND	0.028
nC33	ND	0.076	ND	0.09
nC34	0.1	ND	0.066	ND
nC35	0.095	0.093	0.077	0.094
nC36	ND	ND	ND	ND
nC37	ND	ND	0.017 J	0.025
nC38	0.11	0.1	0.089	0.1
nC39	0.068	ND	ND	ND
nC40	ND	ND	0.07	ND
Total Resolved	30	28	24	30
TPHC	54	42	41	47
OTP	102	103	89	106
5AA	95	95	85	99
D50T	99	100	88	104

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Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F1-03-27-PHC-SC	97-0-F1-03-33-PHC-SC	97-0-F5-03-00-PHC-SC	97-0-F5-03-02-PHC-SC
Lab ID	97C1237	97C1232REX	97C1251	97C1254
SDG	SDGS001	SDGS001	SDGS002	SDGS002
File	07299729.D	07299722.D	07299744.D	07299749.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	28.2 g	29.6 g	34.5 g	36 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-86PB	BK-S-86PBREX	BK-S-89PB	BK-S-89PB
Field Date	7/16/1997	7/16/1997	7/15/1997	7/15/1997
Extract Date	7/23/1997	7/25/1997	7/23/1997	7/23/1997
Analysis Date	7/31/1997	7/30/1997	8/1/1997	8/1/1997
Min Reporting Limit	0.018	0.017	0.014	0.028
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	0.17	ND	ND
nC10	0.0069 J	0.015	0.017 J	0.021 J
nC11	0.0017 J	0.0049 J	0.0066 J	0.078
nC12	0.0038 J	0.005 J	0.0042 J	0.0039 J
nC13	0.0064 J	0.0064 J	0.0054 J	0.0055 J
1380	0.0034 J	0.0044 J	0.0034 J	0.0037 J
nC14	ND	0.0085 J	0.0078 J	0.0093 J
1470	ND	0.0085 J	0.006 J	0.0078 J
nC15	0.012 J	0.027	0.0094 J	0.013 J
nC16	0.0037 J	0.0077 J	0.0062 J	0.0072 J
1650	ND	0.0061 J	0.0031 J	0.0029 J
nC17	0.013 J	0.019	0.011 J	0.0099 J
pristane	0.0071 J	0.024	0.015 J	0.011 J
nC18	ND	0.011 J	0.009 J	0.0095 J
phytane	ND	ND	0.0022 J	0.0025 J
nC19	ND	0.029	0.035	0.018 J
nC20	ND	0.23	0.0079 J	0.0099 J
nC21	0.063	0.027	0.022	0.024 J
nC22	0.051	0.046	0.013 J	0.017 J
nC23	0.14	0.094	0.032	0.037
nC24	0.04	0.027	0.013 J	0.016 J
nC25	0.16	0.15	0.06	0.066
nC26	0.086	0.044	0.021	0.03 J
nC27	0.37	0.31	0.11	0.13
nC28	0.047	0.046	0.023	0.038
nC29	0.4	0.3	0.079	0.095
nC30	0.19	0.17	0.025	0.03 J
nC31	0.45	0.28	0.043	0.059
nC32	0.13	0.021	ND	0.014 J
nC33	0.26	0.063	0.013 J	0.02 J
nC34	ND	ND	ND	0.022 J
nC35	0.084	0.067	ND	0.021 J
nC36	ND	ND	ND	ND
nC37	ND	0.015	ND	ND
nC38	0.1	0.085	0.01 J	ND
nC39	ND	ND	ND	ND
nC40	0.028	ND	ND	ND
Total Resolved	26	21	9.5	12
TPHC	49	34	9.5	13
OTP	58	121	81	74
5AA	58	114	76	74
D50T	108	117	77	76

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Environmental Monitoring and Analysis

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1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F5-03-04-PHC-SC	97-0-F5-03-06-PHC-SC	97-0-F5-03-08-PHC-SC	97-0-F5-03-10-PHC-SC
Lab ID	97C1252	97C1253	97C1249	97C1255
SDG	SDGS002	SDGS002	SDGS002	SDGS002
File	07299745.D	07299748.D	07299742.D	07299750.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	37.4 g	36.2 g	36.7 g	36.6 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-89PB	BK-S-89PB	BK-S-89PB	BK-S-89PB
Field Date	7/15/1997	7/15/1997	7/15/1997	7/15/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/23/1997
Analysis Date	8/1/1997	8/1/1997	8/1/1997	8/1/1997
Min Reporting Limit	0.013	0.014	0.014	0.014
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	ND
nC10	0.014 J	0.016 J	0.015 J	0.016 J
nC11	0.014 J	0.0059 J	0.017	0.041
nC12	0.0047 J	0.0047 J	0.0084 J	0.016 J
nC13	0.0061 J	0.0061 J	0.0057 J	0.0063 J
1380	0.0029 J	0.0024 J	0.0022 J	0.0031 J
nC14	0.0091 J	0.0084 J	0.0092 J	0.01 J
1470	0.0056 J	0.0063 J	0.006 J	0.0057 J
nC15	0.012 J	0.011 J	0.011 J	0.014 J
nC16	0.0081 J	0.0076 J	0.0079 J	0.0081 J
1650	0.0033 J	0.004 J	0.0034 J	0.0029 J
nC17	0.011 J	0.011 J	0.013 J	0.0093 J
pristane	0.012 J	0.011 J	0.012 J	0.013 J
nC18	0.011 J	0.011 J	0.0089 J	0.008 J
phytane	0.0029 J	0.0031 J	0.0034 J	0.0036 J
nC19	0.025	0.021	0.021	0.024
nC20	0.058	0.009 J	0.011 J	0.011 J
nC21	0.025	0.023	0.022	0.023
nC22	0.016	0.016 J	0.017	0.017 J
nC23	0.041	0.04	0.038	0.041
nC24	0.019	0.014 J	0.017	0.02
nC25	0.07	0.067	0.065	0.07
nC26	0.033	0.031	0.028	0.027
nC27	0.14	0.13	0.14	0.14
nC28	0.029	0.027	0.025	0.024
nC29	0.097	0.093	0.098	0.096
nC30	0.029	0.033	0.04	0.036
nC31	0.063	0.066	0.067	0.066
nC32	ND	0.011 J	ND	0.012 J
nC33	0.024	0.024	0.023	0.021
nC34	0.015 J	0.013 J	ND	ND
nC35	0.018	0.018 J	0.018	0.016 J
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	ND
nC38	0.01 J	ND	0.011 J	ND
nC39	0.0056 J	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	8.9	8.1	9.5	11
TPHC	9.6	9.1	9.6	11
OTP	79	71	80	71
5AA	76	68	79	67
D50T	79	70	81	70

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1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F5-03-12-PHC-SC	97-0-F5-03-14-PHC-SC	97-0-F5-03-16-PHC-SC	97-0-F6-03-00-PHC-SC
Lab ID	97C1250	97C1244	97C1248	97C1328
SDG	SDGS002	SDGS002	SDGS002	SDGS005
File	07299743.D	07299740.D	07299741.D	08199738.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	37.9 g	38.5 g	36.6 g	33.8 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-89PB	BK-S-89PB	BK-S-89PB	BK-S-97PB
Field Date	7/15/1997	7/15/1997	7/15/1997	7/15/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/31/1997
Analysis Date	8/1/1997	8/1/1997	8/1/1997	8/22/1997
Min Reporting Limit	0.013	0.013	0.014	0.015
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	0.027
nC10	0.014 J	0.021	0.016 J	0.018
nC11	0.017	0.012 J	0.14	0.0046 J
nC12	0.004 J	0.0064 J	0.011 J	0.0077 J
nC13	0.0047 J	0.0059 J	0.0078 J	0.0044 J
1380	0.0013 J	0.002 J	0.0041 J	ND
nC14	0.0065 J	0.0092 J	0.024	0.0059 J
1470	0.0046 J	0.0065 J	0.0062 J	ND
nC15	0.0087 J	0.011 J	0.013 J	0.0097 J
nC16	0.0053 J	0.0072 J	0.0095 J	0.0055 J
1650	0.003 J	0.0035 J	0.0044 J	ND
nC17	0.0069 J	0.013 J	0.013 J	0.015 J
pristane	0.0099 J	0.013 J	0.014 J	0.0091 J
nC18	0.007 J	0.01 J	0.0097 J	0.027
phytane	0.0022 J	0.0035 J	0.0037 J	0.0024 J
nC19	0.016	0.024	0.024	0.027
nC20	0.0069 J	0.011 J	0.011 J	0.0099 J
nC21	0.017	0.025	0.025	0.017
nC22	0.012 J	0.017	0.018 J	0.023
nC23	0.031	0.041	0.044	0.038
nC24	0.013 J	0.013 J	0.016 J	0.016
nC25	0.051	0.071	0.072	0.06
nC26	0.02	0.027	0.031	0.024
nC27	0.099	0.16	0.15	0.1
nC28	0.02	0.024	0.026	0.057
nC29	0.066	0.12	0.1	0.09
nC30	0.022	0.023	0.044	0.011 J
nC31	0.04	0.071	0.068	0.051
nC32	ND	0.011 J	0.011 J	0.0087 J
nC33	ND	0.021	0.025	0.011 J
nC34	ND	ND	0.012 J	ND
nC35	0.013 J	0.013 J	0.012 J	ND
nC36	0.0018 J	ND	0.0021 J	ND
nC37	ND	0.0029 J	0.0031 J	ND
nC38	0.0032 J	0.011 J	0.0069 J	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	8.6	8.8	20	15
TPHC	8.6	8.8	20	15
OTP	76	76	70	99
5AA	78	71	65	94
D50T	83	75	68	95

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1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F6-03-02-PHC-SC	97-0-F6-03-04-PHC-SC	97-0-F6-03-06-PHC-SC	97-0-F6-03-08-PHC-SC
Lab ID	97C1329	97C1330	97C1331	97C1332
SDG	SDGS005	SDGS005	SDGS005	SDGS005
File	08199739.D	08199740.D	08199741.D	08199742.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	37.8 g	37.4 g	38.6 g	38.3 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-97PB	BK-S-97PB	BK-S-97PB	BK-S-97PB
Field Date	7/15/1997	7/15/1997	7/15/1997	7/15/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/22/1997	8/22/1997	8/22/1997	8/22/1997
Min Reporting Limit	0.013	0.013	0.013	0.013
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.024	0.0066 J	0.011 J	0.013 J
nC10	0.015	0.015	0.01 J	0.014 J
nC11	0.0034 J	0.0022 J	0.0028 J	0.0055 J
nC12	0.0056 J	0.0045 J	0.0053 J	0.005 J
nC13	0.0072 J	0.0047 J	0.005 J	0.0083 J
1380	ND	ND	ND	ND
nC14	0.0073 J	0.007 J	0.0057 J	0.008 J
1470	ND	0.0061 J	ND	ND
nC15	0.0086 J	0.0087 J	0.0083 J	0.011 J
nC16	0.0064 J	0.0066 J	0.0057 J	0.0075 J
1650	ND	ND	ND	ND
nC17	0.013 J	0.014 J	0.016	0.018
pristane	0.01 J	0.013 J	0.011 J	0.012 J
nC18	0.0088 J	0.0089 J	0.0097 J	0.012 J
phytane	0.0026 J	ND	0.0024 J	0.0029 J
nC19	0.039	0.021	0.026	0.019
nC20	0.0077 J	0.0087 J	0.0082 J	0.0096 J
nC21	0.014 J	0.015	0.02	0.026
nC22	0.017	0.018	0.017	0.019
nC23	0.033	0.038	0.031	0.038
nC24	0.015	0.016	0.016	0.014 J
nC25	0.048	0.053	0.048	0.059
nC26	0.023	0.024	0.02	0.025
nC27	0.092	0.1	0.093	0.12
nC28	0.031	0.033	0.032	0.016
nC29	0.087	0.084	0.075	0.089
nC30	0.011 J	0.012 J	0.021	ND
nC31	0.049	0.051	0.045	0.056
nC32	0.008 J	0.0078 J	ND	ND
nC33	0.013 J	0.016	0.014 J	0.015
nC34	ND	0.0042 J	ND	0.0058 J
nC35	ND	0.013 J	ND	0.018
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	0.014 J	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	11	9.8	5.9	6.3
TPHC	11	19	9.4	10
OTP	90	88	90	84
5AA	86	82	85	81
D50T	88	85	88	85

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Environmental Monitoring and Analysis

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1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F6-03-12-PHC-SC	97-0-F6-03-15-PHC-SC	97-0-F6-03-18-PHC-SC	97-0-F6-03-22-PHC-SC
Lab ID	97C1333	97C1334	97C1335	97C1336
SDG	SDGS005	SDGS005	SDGS005	SDGS005
File	08199743.D	08199746.D	08199747.D	08199748.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	38.3 g	38.7 g	38 g	38.7 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-97PB	BK-S-97PB	BK-S-97PB	BK-S-97PB
Field Date	7/15/1997	7/15/1997	7/15/1997	7/15/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/22/1997	8/22/1997	8/22/1997	8/22/1997
Min Reporting Limit	0.013	0.013	0.013	0.013
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.01 J	0.32	0.018	0.034
nC10	0.03	0.01 J	ND	0.029
nC11	0.0054 J	0.0048 J	0.0071 J	0.0057 J
nC12	0.0053 J	0.0042 J	0.0066 J	0.005 J
nC13	0.0091 J	0.008 J	0.0094 J	0.0058 J
1380	ND	ND	ND	ND
nC14	0.0079 J	0.0083 J	0.01 J	0.0074 J
1470	0.0057 J	0.0066 J	0.0069 J	0.0059 J
nC15	0.011 J	0.0091 J	0.011 J	0.01 J
nC16	0.0084 J	0.0071 J	0.008 J	0.0076 J
1650	0.0037 J	ND	ND	0.0034 J
nC17	0.017	0.016	0.018	0.018
pristane	0.013 J	0.012 J	0.013 J	0.011 J
nC18	0.012 J	0.01 J	0.012 J	0.011 J
phytane	0.0032 J	0.0034 J	0.0033 J	0.0029 J
nC19	0.018	0.016	0.024	0.02
nC20	0.011 J	0.0099 J	0.01 J	0.0094 J
nC21	0.026	0.023	0.028	0.02
nC22	0.02	0.018	0.02	0.018
nC23	0.044	0.04	0.044	0.034
nC24	0.022	0.022	0.023	0.017
nC25	0.066	0.064	0.065	0.05
nC26	0.03	0.028	0.031	0.021
nC27	0.13	0.13	0.13	0.097
nC28	0.029	0.03	0.028	0.024
nC29	0.1	0.09	0.095	0.076
nC30	0.049	0.014	0.048	0.013 J
nC31	0.061	0.065	0.064	0.051
nC32	0.0099 J	ND	ND	ND
nC33	0.017	0.014	0.016	0.014 J
nC34	0.011 J	ND	0.0092 J	ND
nC35	0.018	ND	0.013 J	0.007 J
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	7.6	8.3	7.1	11
TPHC	11	11	12	11
OTP	94	91	94	90
5AA	86	87	90	84
D50T	89	92	94	88

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-0-F6-03-25-PHC-SC	97-1-F1-03-00-PHC-SC	97-1-F1-03-02-PHC-SC	97-1-F1-03-04-PHC-SC
Lab ID	97C1337	97C1391	97C1393	97C1392
SDG	SDGS005	SDGS004	SDGS004	SDGS004
File	08199749.D	08169709.D	08169711.D	08169710.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	37.8 g	29.6 g	30 g	32.3 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-97PB	BK-S-94PB	BK-S-94PB	BK-S-94PB
Field Date	7/15/1997	7/14/1997	7/14/1997	7/14/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/22/1997	8/17/1997	8/17/1997	8/17/1997
Min Reporting Limit	0.013	0.017	0.017	0.015
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.023	ND	ND	ND
nC10	0.017	0.036	0.037	0.042
nC11	0.006 J	0.016 J	0.018 J	0.014 J
nC12	0.0057 J	0.016 J	0.022	0.017 J
nC13	0.0092 J	0.017 J	0.018 J	0.017 J
1380	ND	0.012 J	0.011 J	0.013 J
nC14	0.0098 J	0.028	0.033	0.033
1470	0.0067 J	0.017 J	0.018 J	0.019
nC15	0.012 J	0.031	0.036	0.033
nC16	0.0093 J	0.019 J	0.023	0.021
1650	0.0038 J	0.012 J	0.012 J	0.012 J
nC17	0.021	0.024	0.022	0.024
pristane	0.014 J	0.044	0.043	0.041
nC18	0.013 J	0.065	0.054	0.028
phytane	0.0036 J	0.0067 J	0.0073 J	0.0064 J
nC19	0.03	0.21	0.069	0.036
nC20	0.012 J	0.025	0.026	0.023
nC21	0.026	0.021 J	0.031	0.021
nC22	0.021	0.024	0.029	0.027
nC23	0.045	0.033	0.04	0.038
nC24	0.023	0.019 J	0.023	0.023
nC25	0.067	0.048	0.055	0.063
nC26	0.03	0.035	0.041	0.037
nC27	0.13	0.087	0.13	0.14
nC28	0.026	0.12	0.041	0.036
nC29	0.099	0.13	0.17	0.13
nC30	0.013 J	ND	0.022	0.041
nC31	0.068	0.048	0.12	0.12
nC32	ND	ND	0.021 J	0.013 J
nC33	0.018	ND	0.043	0.023
nC34	0.0075 J	ND	ND	0.028
nC35	0.0093 J	0.048	0.046	0.033
nC36	ND	0.0091 J	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	7.5	19	17	14
TPHC	12	28	27	23
OTP	87	78	81	82
5AA	81	73	76	75
D50T	84	75	78	78



**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-1-F1-03-06-PHC-SC	97-1-F1-03-08-PHC-SC	97-1-F1-03-12-PHC-SC	97-1-F1-03-15-PHC-SC
Lab ID	97C1394	97C1395	97C1398REX	97C1396
SDG	SDGS004	SDGS004	SDGS004	SDGS004
File	08169712.D	08169713.D	08169718.D	08169714.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	32.9 g	32 g	28.1 g	31.5 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-94PB	BK-S-94PB	BK-S-94PB	BK-S-94PB
Field Date	7/14/1997	7/14/1997	7/14/1997	7/14/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/17/1997	8/17/1997	8/17/1997	8/17/1997
Min Reporting Limit	0.015	0.016	0.018	0.016
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	ND
nC10	0.04	0.031	0.052	0.019 J
nC11	0.017 J	0.016 J	0.02 J	0.014 J
nC12	0.016 J	0.017 J	0.024	0.018 J
nC13	0.017 J	0.02	0.028	0.022
1380	0.01 J	0.016 J	0.016 J	0.013 J
nC14	0.033	0.043	0.046	0.035
1470	0.014 J	0.018 J	0.022	0.017 J
nC15	0.029	0.04	0.052	0.038
nC16	0.02	0.026	0.033	0.026
1650	0.01 J	0.012 J	0.019 J	0.013 J
nC17	0.02	0.033	0.034	0.036
pristane	0.035	0.051	0.064	0.058
nC18	0.024	0.03	0.036	0.035
phytane	0.0059 J	0.0097 J	0.013 J	0.0079 J
nC19	0.026	0.038	0.045	0.033
nC20	0.019	0.031	0.045	0.033
nC21	0.031	0.04	0.038	0.032
nC22	0.024	0.033	0.038	0.032
nC23	0.031	0.046	0.054	0.046
nC24	0.019	0.026	0.014 J	0.023
nC25	0.048	0.069	0.085	0.067
nC26	0.031	0.052	0.045	0.041
nC27	0.086	0.12	0.14	0.14
nC28	0.023	0.03	0.041	0.037
nC29	0.089	0.12	0.13	0.11
nC30	0.023	0.02	0.014 J	0.033
nC31	0.082	0.12	0.09	0.092
nC32	0.014 J	0.017 J	0.015 J	0.014 J
nC33	0.033	0.041	0.022	0.028
nC34	ND	0.013 J	0.016 J	0.012 J
nC35	0.029	0.032	0.018 J	0.027
nC36	ND	ND	ND	0.0055 J
nC37	ND	ND	ND	0.0028 J
nC38	ND	ND	ND	0.0064 J
nC39	ND	ND	ND	0.014 J
nC40	ND	ND	ND	ND
Total Resolved	12	12	11	11
TPHC	18	20	15	14
OTP	83	79	93	80
5AA	81	77	82	75
D50T	83	81	85	78

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-1-F1-03-19-PHC-SC	97-1-F1-03-21-PHC-SC	97-1-F1-03-26-PHC-SC	97-1-F2-03-00-PHC-SC
Lab ID	97C1397	97C1399	97C1400	97C1279
SDG	SDGS004	SDGS004	SDGS004	SDGS003
File	08169717.D	08169719.D	08169720.D	08049746.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	31.9 g	33 g	32.8 g	21.2 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-94PB	BK-S-94PB	BK-S-94PB	BK-S-91PB
Field Date	7/14/1997	7/14/1997	7/14/1997	7/14/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/24/1997
Analysis Date	8/17/1997	8/17/1997	8/17/1997	8/8/1997
Min Reporting Limit	0.016	0.015	0.015	0.024
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	0.0084 J
nC10	0.034	0.049	0.037	0.032
nC11	0.021	0.027	0.024	0.026 J
nC12	0.024	0.027	0.023	0.032
nC13	0.027	0.032	0.029	0.031
1380	0.019	0.019 J	0.016 J	0.022 J
nC14	0.046	0.055	0.049	0.051
1470	0.021	0.025	0.023	0.023 J
nC15	0.05	0.058	0.052	0.053
nC16	0.03	0.036	0.032	0.034
1650	0.018 J	0.021	0.017 J	0.017 J
nC17	0.033	0.04	0.039	0.033
pristane	0.056	0.073	0.065	0.11
nC18	0.034	0.042	0.039	0.16
phytane	0.011 J	0.013 J	0.011 J	0.0099 J
nC19	0.044	0.051	0.045	0.067
nC20	0.023	0.048	0.039	0.044
nC21	0.038	0.037	0.036	0.026 J
nC22	0.036	0.042	0.039	0.031
nC23	0.054	0.066	0.059	0.041
nC24	0.0097 J	0.038	0.035	0.023 J
nC25	0.068	0.086	0.073	0.051
nC26	0.045	0.049	0.045	0.044
nC27	0.12	0.15	0.13	0.11
nC28	0.033	0.046	0.04	0.046
nC29	0.09	0.13	0.13	0.093
nC30	0.032	0.036	0.037	0.022 J
nC31	0.082	0.12	0.084	0.049
nC32	0.012 J	0.021	0.013 J	0.044
nC33	0.0052 J	0.033	0.024	0.053
nC34	ND	0.016 J	ND	0.014 J
nC35	ND	0.025	0.02	0.038
nC36	ND	ND	ND	0.0086 J
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	11	12	11	16
TPHC	16	18	16	22
OTP	85	77	77	94
5AA	79	70	73	87
D50T	82	73	75	87

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-1-F2-03-02-PHC-SC	97-1-F2-03-04-PHC-SC	97-1-F2-03-06-PHC-SC	97-1-F2-03-08-PHC-SC
Lab ID	97C1272	97C1277	97C1274	97C1276
SDG	SDGS003	SDGS003	SDGS003	SDGS003
File	08049739.D	08049744.D	08049741.D	08049743.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	25.8 g	27.4 g	26.9 g	28 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-91PB	BK-S-91PB	BK-S-91PB	BK-S-91PB
Field Date	7/14/1997	7/14/1997	7/14/1997	7/14/1997
Extract Date	7/24/1997	7/24/1997	7/24/1997	7/24/1997
Analysis Date	8/7/1997	8/8/1997	8/7/1997	8/8/1997
Min Reporting Limit	0.019	0.018	0.018	0.018
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.004 J	0.0081 J	0.0084 J	0.0096 J
nC10	0.03	0.027	0.023	0.032
nC11	0.02 J	0.021	0.02	0.024
nC12	0.025	0.026	0.025	0.03
nC13	0.024	0.03	0.029	0.033
1380	0.016 J	0.02	0.016 J	0.018 J
nC14	0.035	0.048	0.05	0.056
1470	0.018 J	0.022	0.021	0.025
nC15	0.043	0.054	0.049	0.057
nC16	0.029	0.036	0.031	0.033
1650	0.016 J	0.016 J	0.016 J	0.019
nC17	0.026	0.033	0.029	0.036
pristane	0.076	0.083	0.073	0.092
nC18	0.19	0.039	0.037	0.04
phytane	0.0086 J	0.011 J	0.01 J	0.012 J
nC19	0.11	0.043	0.032	0.034
nC20	0.039	0.036	0.032	0.049
nC21	0.029	0.033	0.027	0.035
nC22	0.029	0.032	0.029	0.033
nC23	0.037	0.042	0.033	0.045
nC24	0.021	0.021	0.021	0.025
nC25	0.049	0.044	0.044	0.052
nC26	0.04	0.036	0.036	0.044
nC27	0.089	0.071	0.068	0.082
nC28	0.046	0.042	0.036	0.042
nC29	0.11	0.069	0.064	0.071
nC30	0.02 J	0.017 J	0.021	0.031
nC31	0.047	0.041	0.035	0.059
nC32	0.025	0.017 J	0.013 J	0.016 J
nC33	0.056	0.024	0.022	0.019
nC34	0.015 J	0.012 J	0.0078 J	0.011 J
nC35	0.03	0.028	0.022	0.028
nC36	0.0053 J	0.0065 J	0.0049 J	0.007 J
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	15	12	11	12
TPHC	19	17	14	17
OTP	96	101	103	101
5AA	89	93	96	93
D50T	89	93	96	93

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-1-F2-03-12-PHC-SC	97-1-F2-03-14-PHC-SC	97-1-F2-03-16-PHC-SC	97-1-F2-03-18-PHC-SC
Lab ID	97C1278	97C1269	97C1268	97C1271
SDG	SDGS003	SDGS003	SDGS003	SDGS003
File	08049745.D	08049734.D	08049733.D	08049738.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	30.1 g	28.2 g	29.7 g	30 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-91PB	BK-S-91PB	BK-S-91PB	BK-S-91PB
Field Date	7/14/1997	7/14/1997	7/14/1997	7/14/1997
Extract Date	7/24/1997	7/24/1997	7/24/1997	7/24/1997
Analysis Date	8/8/1997	8/7/1997	8/7/1997	8/7/1997
Min Reporting Limit	0.017	0.018	0.017	0.017
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.0076 J	ND	ND	0.009 J
nC10	0.026	0.025	0.019	0.032
nC11	0.024	0.02	0.014 J	0.025
nC12	0.029	0.021	0.017	0.028
nC13	0.03	0.025	0.02	0.031
1380	0.019	0.02	0.013 J	0.019
nC14	0.051	0.047	0.034	0.053
1470	0.024	0.02	0.016 J	0.023
nC15	0.055	0.046	0.038	0.054
nC16	0.037	0.031	0.025	0.032
1650	0.019	0.018 J	0.014 J	0.019
nC17	0.035	0.031	0.026	0.034
pristane	0.08	0.067	0.056	0.072
nC18	0.047	0.036	0.031	0.04
phytane	0.012 J	0.01 J	0.0085 J	0.011 J
nC19	0.035	0.037	0.031	0.04
nC20	0.048	0.043	0.036	0.047
nC21	0.036	0.029	0.025	0.033
nC22	0.034	0.03	0.026	0.034
nC23	0.046	0.039	0.034	0.041
nC24	0.025	0.021	0.02	0.023
nC25	0.053	0.049	0.045	0.049
nC26	0.045	0.037	0.028	0.04
nC27	0.083	0.07	0.07	0.071
nC28	0.042	0.026	0.032	0.026
nC29	0.079	0.064	0.066	0.064
nC30	0.021	0.039	0.022	0.023
nC31	0.061	0.048	0.067	0.053
nC32	0.013 J	0.012 J	0.011 J	0.013 J
nC33	0.017 J	0.016 J	0.014 J	0.016 J
nC34	0.01 J	0.0069 J	0.0069 J	0.0072 J
nC35	0.027	0.019 J	0.017	0.021
nC36	0.006 J	ND	0.0046 J	0.0044 J
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	11	11	10	10
TPHC	17	15	11	14
OTP	96	96	106	95
5AA	89	89	98	87
D50T	89	89	99	87

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-1-F2-03-20-PHC-SC	97-1-F2-03-22-PHC-SC	97-1-F2-03-27-PHC-SC	97-2-F1-03-00-PHC-SC
Lab ID	97C1273	97C1270	97C1275	97C1401
SDG	SDGS003	SDGS003	SDGS003	SDGS002
File	08049740.D	08049735.D	08049742.D	07299757.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	24.9 g	29 g	27 g	9.24 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-91PB	BK-S-91PB	BK-S-91PB	BK-S-89PB
Field Date	7/14/1997	7/14/1997	7/14/1997	7/13/1997
Extract Date	7/24/1997	7/24/1997	7/24/1997	7/23/1997
Analysis Date	8/7/1997	8/7/1997	8/7/1997	8/2/1997
Min Reporting Limit	0.02	0.017	0.018	0.054
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.012 J	ND	0.0085 J	ND
nC10	0.034	0.033	0.031	0.12
nC11	0.031	0.028	0.025	0.017 J
nC12	0.038	0.035	0.026	0.021 J
nC13	0.043	0.04	0.03	0.024 J
1380	0.025	0.022	0.019	0.011 J
nC14	0.07	0.061	0.052	0.03 J
1470	0.031	0.03	0.021	0.022 J
nC15	0.074	0.069	0.049	0.041 J
nC16	0.048	0.047	0.035	0.026 J
1650	0.026	0.026	0.019	0.013 J
nC17	0.042	0.044	0.032	0.034 J
pristane	0.095	0.11	0.07	0.075
nC18	0.048	0.054	0.04	0.032 J
phytane	0.016 J	0.017 J	0.012 J	0.0095 J
nC19	0.045	0.052	0.035	0.062 J
nC20	0.052	0.061	0.046	0.035 J
nC21	0.045	0.044	0.036	0.043 J
nC22	0.045	0.044	0.032	0.041 J
nC23	0.055	0.058	0.04	0.075
nC24	0.031	0.032	0.022	0.041 J
nC25	0.067	0.069	0.051	0.11
nC26	0.054	0.048	0.039	0.053 J
nC27	0.096	0.1	0.072	0.24
nC28	0.035	0.047	0.025	0.091
nC29	0.089	0.087	0.076	0.21
nC30	0.031	0.055	0.021	0.028 J
nC31	0.066	0.1	0.066	0.12
nC32	0.018 J	0.017 J	0.014 J	0.034 J
nC33	0.019 J	0.026	0.014 J	0.054 J
nC34	0.0085 J	0.0091 J	0.009 J	0.02 J
nC35	0.024	0.024	0.015 J	0.043 J
nC36	0.0048 J	0.0062 J	0.0038 J	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	0.026 J
Total Resolved	13	13	11	29
TPHC	19	19	15	29
OTP	100	100	101	72
5AA	93	93	94	72
D50T	93	93	94	76

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-2-F1-03-02-PHC-SC	97-2-F1-03-04-PHC-SC	97-2-F1-03-06-PHC-SC	97-2-F1-03-08-PHC-SC
Lab ID	97C1305	97C1415	97C1402	97C1309
SDG	SDGS002	SDGS002	SDGS002	SDGS002
File	07299752.D	07299761.D	07299760.D	07299756.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	15.3 g	15.5 g	15.4 g	16.8 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-89PB	BK-S-89PB	BK-S-89PB	BK-S-89PB
Field Date	7/13/1997	7/13/1997	7/13/1997	7/13/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/23/1997
Analysis Date	8/2/1997	8/2/1997	8/2/1997	8/2/1997
Min Reporting Limit	0.033	0.032	0.032	0.03
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	ND
nC10	0.041 J	0.059	0.054	0.046
nC11	0.027 J	0.11	0.047	0.022 J
nC12	0.017 J	0.018 J	0.022 J	0.021 J
nC13	0.021 J	0.025 J	0.022 J	0.022 J
1380	0.011 J	0.016 J	0.013 J	0.015 J
nC14	0.028 J	0.039 J	0.034 J	0.033 J
1470	0.018 J	0.021 J	0.021 J	0.02 J
nC15	0.036 J	0.053	0.054	0.049
nC16	0.023 J	0.025 J	0.026 J	0.025 J
1650	0.0091 J	0.013 J	0.013 J	0.013 J
nC17	0.038 J	0.038 J	0.049	0.033 J
pristane	0.065	0.079	0.079	0.063
nC18	0.032 J	0.037 J	0.041 J	0.038
phytane	0.0083 J	0.0097 J	0.012 J	0.011 J
nC19	0.043	0.047	0.053	0.054
nC20	0.026 J	0.03 J	0.035 J	0.036 J
nC21	0.033 J	0.046	0.041 J	0.038
nC22	0.032 J	0.037 J	0.035 J	0.035 J
nC23	0.056	0.066	0.06	0.06
nC24	0.035 J	0.032 J	0.032 J	0.031 J
nC25	0.097	0.099	0.097	0.098
nC26	0.065	0.05	0.045	0.049
nC27	0.24	0.21	0.21	0.2
nC28	0.083	0.074	0.075	0.064
nC29	0.19	0.21	0.21	0.17
nC30	0.069	ND	0.051	0.049
nC31	0.095	0.088	0.11	0.1
nC32	0.05	0.05	0.049	0.046
nC33	0.065	0.057	0.063	0.064
nC34	0.027 J	ND	0.024 J	0.026 J
nC35	0.035 J	ND	0.042	0.042
nC36	0.0079 J	ND	ND	0.0094 J
nC37	ND	ND	0.0068 J	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	0.026 J	0.042	0.052
Total Resolved	22	32	24	21
TPHC	23	34	26	25
OTP	77	73	75	81
5AA	77	74	74	80
D50T	78	76	76	81

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-2-F1-03-12-PHC-SC	97-2-F1-03-18-PHC-SC	97-2-F1-03-22-PHC-SC	97-2-F1-03-27-PHC-SC
Lab ID	97C1307	97C1308	97C1306	97C1416
SDG	SDGS002	SDGS002	SDGS002	SDGS002
File	07299754.D	07299755.D	07299753.D	07299762.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	16.4 g	15.8 g	17.7 g	17.7 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-89PB	BK-S-89PB	BK-S-89PB	BK-S-89PB
Field Date	7/13/1997	7/13/1997	7/13/1997	7/13/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/23/1997
Analysis Date	8/2/1997	8/2/1997	8/2/1997	8/2/1997
Min Reporting Limit	0.03	0.02	0.028	0.028
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	ND
nC10	0.1	0.077	0.03 J	0.045
nC11	0.024 J	0.033 J	0.21	0.02 J
nC12	0.024 J	0.024 J	0.029 J	0.021 J
nC13	0.023 J	0.024 J	0.026 J	0.023 J
1380	0.013 J	0.011 J	0.015 J	0.01 J
nC14	0.034 J	0.035 J	0.037 J	0.035
1470	0.022 J	0.019 J	0.021 J	0.02 J
nC15	0.043	0.051	0.05	0.049
nC16	0.027 J	0.026 J	0.026 J	0.026 J
1650	0.013 J	0.018 J	0.012 J	0.014 J
nC17	0.049	0.039 J	0.044	0.039
pristane	0.069	0.071	0.058	0.053
nC18	0.035 J	0.033 J	0.033 J	0.032 J
phytane	0.011 J	0.012 J	0.011 J	0.011 J
nC19	0.053	0.049	0.049	0.045
nC20	0.035 J	0.055	0.035 J	0.035
nC21	0.041	0.043	0.037 J	0.041
nC22	0.039 J	0.039 J	0.04	0.037
nC23	0.068	0.071	0.068	0.061
nC24	0.034 J	0.035 J	0.039	0.033 J
nC25	0.1	0.1	0.1	0.096
nC26	0.049	0.053	0.057	0.056
nC27	0.23	0.2	0.21	0.19
nC28	0.084	0.073	0.072	0.063
nC29	0.19	0.19	0.18	0.16
nC30	0.03 J	0.059	ND	0.044
nC31	0.12	0.12	0.12	0.11
nC32	0.035 J	0.022 J	0.025 J	0.02 J
nC33	0.068	0.059	0.05	0.053
nC34	0.019 J	0.019 J	0.017 J	0.018 J
nC35	0.039 J	0.037 J	0.029 J	0.037
nC36	0.013 J	ND	0.01 J	0.011 J
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	0.049	0.065	ND	0.042
Total Resolved	22	22	33	18
TPHC	28	28	39	20
OTP	76	48	71	76
5AA	73	48	70	77
D50T	74	49	72	79

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-2-F1-03-31-PHC-SC	97-2-F2-03-00-PHC-SC	97-2-F2-03-02-PHC-SC	97-2-F2-03-04-PHC-SC
Lab ID	97C1304	97C1227	97C1229	97C1231
SDG	SDGS002	SDGS001	SDGS001	SDGS001
File	07299751.D	07299717.D	07299719.D	07299721.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	29.5 g	18.2 g	19.9 g	20.8 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-89PB	BK-S-86PB	BK-S-86PB	BK-S-86PB
Field Date	7/13/1997	7/9/1997	7/9/1997	7/9/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/23/1997
Analysis Date	8/2/1997	7/30/1997	7/30/1997	7/30/1997
Min Reporting Limit	0.017	0.027	0.025	0.024
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	ND	ND
nC10	0.015 J	0.038	0.026	0.03
nC11	0.045	0.17	0.027	0.027
nC12	0.032	0.029 J	0.031	0.034
nC13	0.019 J	0.039	0.032	0.033
1380	0.011 J	0.022 J	0.025	0.023 J
nC14	0.03	0.069	0.051	0.045
1470	0.016 J	0.029 J	0.024 J	0.024 J
nC15	0.04	0.068	0.061	0.058
nC16	0.023	0.033	0.034	0.037
1650	0.0099 J	0.02 J	0.018 J	0.02 J
nC17	0.03	0.052	0.047	0.035
pristane	0.044	0.13	0.1	0.092
nC18	0.025	0.04	0.045	0.045
phytane	0.01 J	0.011 J	0.01 J	0.01 J
nC19	0.037	0.044	0.081	0.051
nC20	0.029	0.042	0.04	0.042
nC21	0.033	0.037	0.044	0.037
nC22	0.027	0.041	0.035	0.035
nC23	0.046	0.063	0.057	0.058
nC24	0.027	0.035	0.029	0.035
nC25	0.073	0.075	0.081	0.087
nC26	0.034	0.042	0.06	0.049
nC27	0.13	0.14	0.15	0.15
nC28	0.037	0.057	0.058	0.058
nC29	0.11	0.13	0.15	0.15
nC30	0.045	0.067	0.061	0.059
nC31	0.062	0.082	0.14	0.15
nC32	0.023	0.039	ND	ND
nC33	0.038	0.056	ND	ND
nC34	0.013 J	0.017 J	ND	ND
nC35	0.037	0.04	ND	ND
nC36	0.0075 J	ND	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	0.056	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	16	40	23	23
TPHC	19	44	36	37
OTP	74	93	104	98
5AA	71	90	102	93
D50T	73	90	100	91



**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-2-F2-03-06-PHC-SC	97-2-F2-03-08-PHC-SC	97-2-F2-03-12-PHC-SC	97-2-F2-03-18-PHC-SC
Lab ID	97C1225	97C1224	97C1226	97C1230
SDG	SDGS001	SDGS001	SDGS001	SDGS001
File	07299713.D	07299712.D	07299714.D	07299720.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	21.3 g	22.3 g	23.2 g	24.2 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-86PB	BK-S-86PB	BK-S-86PB	BK-S-86PB
Field Date	7/9/1997	7/9/1997	7/9/1997	7/9/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/23/1997
Analysis Date	7/30/1997	7/30/1997	7/30/1997	7/30/1997
Min Reporting Limit	0.023	0.022	0.022	0.021
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	ND	ND	0.45	0.39
nC10	0.034	0.027	0.034	0.031
nC11	0.028	0.026	0.029	0.024
nC12	0.035	0.037	0.034	0.029
nC13	0.035	0.038	0.034	0.029
1380	0.018 J	0.024	0.017 J	0.021
nC14	0.043	0.056	0.056	0.049
1470	0.007 J	0.008 J	0.0071 J	0.022
nC15	0.068	0.07	0.063	0.051
nC16	0.04	0.041	0.037	0.032
1650	0.0024 J	0.025	0.021 J	0.018 J
nC17	0.041	0.046	0.04	0.042
pristane	0.11	0.14	0.082	0.075
nC18	0.045	0.045	0.049	0.037
phytane	0.013 J	0.013 J	0.013 J	0.011 J
nC19	0.053	0.058	0.049	0.041
nC20	0.044	0.051	0.044	0.039
nC21	0.044	0.052	0.048	0.032
nC22	0.04	0.042	0.038	0.032
nC23	0.065	0.067	0.064	0.049
nC24	0.033	0.035	0.033	0.026
nC25	0.1	0.1	0.087	0.067
nC26	0.048	0.056	0.054	0.05
nC27	0.18	0.19	0.17	0.12
nC28	0.062	0.064	0.059	0.044
nC29	0.18	0.19	0.17	0.11
nC30	0.062	0.07	0.067	0.049
nC31	0.14	0.14	0.13	0.11
nC32	0.065	ND	ND	ND
nC33	0.08	0.087	0.097	ND
nC34	0.033	0.03	0.024	0.013 J
nC35	0.066	0.064	0.049	0.039
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	0.065	0.09	0.078	ND
Total Resolved	25	25	23	18
TPHC	42	43	38	28
OTP	90	105	100	114
5AA	90	101	96	110
D50T	88	99	94	109

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-2-F2-03-22-PHC-SC	97-2-F2-03-27-PHC-SC	97-2-F2-03-31-PHC-SC	97-3-F1-03-00-PHC-SC
Lab ID	97C1221	97C1228	97C1223	97C1367
SDG	SDGS001	SDGS001	SDGS001	SDGS005
File	07299710.D	07299718.D	07299711.D	08199750.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	24.8 g	25.4 g	25.8 g	8.9 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-86PB	BK-S-86PB	BK-S-86PB	BK-S-97PB
Field Date	7/9/1997	7/9/1997	7/9/1997	7/11/1997
Extract Date	7/23/1997	7/23/1997	7/23/1997	7/31/1997
Analysis Date	7/30/1997	7/30/1997	7/30/1997	8/23/1997
Min Reporting Limit	0.02	0.02	0.019	0.056
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.022	ND	ND	ND
nC10	0.036	0.026	0.033	0.11
nC11	0.026	0.028	0.028	0.018 J
nC12	0.033	0.033	0.033	0.027 J
nC13	0.032	0.035	0.036	0.025 J
1380	0.023	0.023	0.0061 J	0.018 J
nC14	0.046	0.042	0.053	0.029 J
1470	0.019	0.025	0.0073 J	0.029 J
nC15	0.057	0.061	0.067	0.052 J
nC16	0.035	0.039	0.048	0.026 J
1650	0.0049 J	0.023	0.0033 J	0.011 J
nC17	0.036	0.057	0.041	0.057 J
pristane	0.079	0.091	0.081	0.14
nC18	0.036	0.044	0.046	0.037 J
phytane	0.011 J	0.013 J	0.014 J	0.015 J
nC19	0.048	0.05	0.052	0.074
nC20	0.043	0.05	0.051	0.036 J
nC21	0.03	0.033	0.027	0.044 J
nC22	0.037	0.041	0.043	0.074
nC23	0.056	0.062	0.058	0.083
nC24	0.027	0.035	0.037	0.059 J
nC25	0.075	0.082	0.088	0.1
nC26	0.041	0.06	0.048	0.062 J
nC27	0.13	0.14	0.15	0.23
nC28	0.046	0.05	0.052	0.12
nC29	0.1	0.13	0.14	0.17
nC30	0.055	0.065	0.066	0.021 J
nC31	0.12	0.14	0.15	0.094
nC32	0.018	0.017 J	0.023	ND
nC33	0.033	0.041	0.04	ND
nC34	0.012 J	0.013 J	0.011 J	ND
nC35	0.037	0.041	0.048	ND
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	0.089	0.096	ND
Total Resolved	19	19	21	35
TPHC	30	30	33	51
OTP	115	111	106	91
5AA	112	102	103	84
D50T	108	103	101	88

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-3-F1-03-02-PHC-SC	97-3-F1-03-04-PHC-SC	97-3-F1-03-06-PHC-SC	97-3-F1-03-08-PHC-SC
Lab ID	97C1369	97C1370	97C1371	97C1368
SDG	SDGS005	SDGS005	SDGS005	SDGS005
File	08199752.D	08199753.D	08199754.D	08199751.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	16 g	13.6 g	18.4 g	18.9 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-97PB	BK-S-97PB	BK-S-97PB	BK-S-97PB
Field Date	7/11/1997	7/11/1997	7/11/1997	7/11/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/23/1997	8/23/1997	8/23/1997	8/23/1997
Min Reporting Limit	0.031	0.037	0.027	0.026
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.056	0.054	0.041 J	ND
nC10	0.074	0.061	0.027 J	0.083
nC11	0.019 J	0.02 J	0.0061 J	0.02 J
nC12	0.03 J	0.026 J	0.0068 J	0.033
nC13	0.031 J	0.027 J	0.014 J	0.033
1380	0.014 J	0.016 J	0.0068 J	0.014 J
nC14	0.033 J	0.033 J	0.015 J	0.041
1470	0.022 J	0.024 J	0.014 J	0.021 J
nC15	0.038	0.047	0.019 J	0.041
nC16	0.026 J	0.03 J	0.012 J	0.027 J
1650	0.012 J	0.011 J	0.0051 J	0.013 J
nC17	0.042	0.057	0.027 J	0.048
pristane	0.085	0.091	0.036 J	0.071
nC18	0.032 J	0.037 J	0.015 J	0.04
phytane	0.0088 J	0.012 J	0.0056 J	0.011 J
nC19	0.044	0.054	0.024 J	0.053
nC20	0.029 J	0.032 J	0.014 J	0.033
nC21	0.045	0.056	0.027 J	0.041
nC22	0.088	0.07	0.039 J	0.052
nC23	0.066	0.079	0.041 J	0.069
nC24	0.038	0.046	0.029 J	0.037
nC25	0.08	0.1	0.049 J	0.087
nC26	0.051	0.061	0.027 J	0.05
nC27	0.17	0.21	0.098	0.18
nC28	0.097	0.058	0.059 J	0.07
nC29	0.17	0.15	0.12	0.15
nC30	0.023 J	ND	0.0076 J	0.023 J
nC31	0.084	0.1	0.049 J	0.084
nC32	ND	ND	0.011 J	ND
nC33	ND	ND	ND	ND
nC34	ND	ND	ND	ND
nC35	ND	ND	ND	ND
nC36	ND	ND	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	20	24	13	19
TPHC	36	37	20	31
OTP	96	93	45	93
5AA	89	87	40 &	87
D50T	91	91	41 &	90

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-3-F1-03-12-PHC-SC	97-3-F1-03-18-PHC-SC	97-3-F1-03-22-PHC-SC	97-3-F1-03-27-PHC-SC
Lab ID	97C1372	97C1373	97C1375	97C1374
SDG	SDGS005	SDGS005	SDGS005	SDGS005
File	08199755.D	08199758.D	08199760.D	08199759.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	14.6 g	20.6 g	21.4 g	17.6 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-97PB	BK-S-97PB	BK-S-97PB	BK-S-97PB
Field Date	7/11/1997	7/11/1997	7/11/1997	7/11/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/23/1997	8/23/1997	8/23/1997	8/23/1997
Min Reporting Limit	0.034	0.024	0.023	0.028
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.037 J	0.037	0.032	0.046
nC10	0.04	0.047	0.022 J	0.053
nC11	0.02 J	0.017 J	0.018 J	0.015 J
nC12	0.025 J	0.017 J	0.016 J	0.016 J
nC13	0.034 J	0.023 J	0.024 J	0.024 J
1380	0.016 J	0.011 J	0.012 J	0.015 J
nC14	0.036 J	0.025	0.026 J	0.026 J
1470	0.024 J	0.017 J	0.021 J	0.019 J
nC15	0.048	0.04	0.034	0.036
nC16	0.029 J	0.022 J	0.02 J	0.019 J
1650	0.015 J	0.011 J	0.011 J	0.0093 J
nC17	0.047	0.044	0.04	0.03 J
pristane	0.082	0.053	0.055	0.043
nC18	0.035 J	0.026	0.031	0.029 J
phytane	0.011 J	0.01 J	0.01 J	0.0086 J
nC19	0.052	0.038	0.045	0.032 J
nC20	0.029 J	0.029	0.024 J	0.021 J
nC21	0.047	0.039	0.037	0.035
nC22	0.057	0.043	0.044	0.078
nC23	0.077	0.068	0.055	0.053
nC24	0.048	0.035	0.034	0.032 J
nC25	0.098	0.091	0.068	0.065
nC26	0.057	0.045	0.039	0.038
nC27	0.21	0.17	0.12	0.12
nC28	0.076	0.068	0.059	0.068
nC29	0.17	0.12	0.084	0.093
nC30	ND	0.016 J	0.018 J	ND
nC31	0.1	0.082	0.062	0.06
nC32	0.019 J	0.017 J	0.012 J	0.011 J
nC33	ND	0.032	0.022 J	0.027 J
nC34	ND	0.011 J	ND	0.01 J
nC35	ND	0.033	ND	0.034
nC36	ND	0.0067 J	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	22	15	11	20
TPHC	40	26	19	28
OTP	92	99	83	88
5AA	85	93	76	81
D50T	89	95	80	85

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-3-F1-03-33-PHC-SC	97-3-F2-03-00-PHC-SC	97-3-F2-03-02-PHC-SC	97-3-F2-03-04-PHC-SC
Lab ID	97C1376	97C1412	97C1409	97C1403
SDG	SDGS005	SDGS004	SDGS004	SDGS004
File	08199761.D	08169731.D	08169726.D	08169721.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	19.4 g	12.2 g	12.8 g	21.7 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-97PB	BK-S-94PB	BK-S-94PB	BK-S-94PB
Field Date	7/11/1997	7/11/1997	7/11/1997	7/11/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/23/1997	8/18/1997	8/18/1997	8/17/1997
Min Reporting Limit	0.026	0.041	0.039	0.023
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.031 J	0.06	0.031 J	ND
nC10	0.042	0.065	0.069	0.058
nC11	0.017 J	0.028 J	0.027 J	0.015 J
nC12	0.017 J	0.024 J	0.024 J	0.022 J
nC13	0.026 J	0.024 J	0.029 J	0.019 J
1380	0.0099 J	0.024 J	0.021 J	0.011 J
nC14	0.027 J	0.044 J	0.047 J	0.031
1470	0.021 J	0.025 J	0.027 J	0.018 J
nC15	0.035	0.048 J	0.056	0.038
nC16	0.025 J	0.029 J	0.035 J	0.022 J
1650	0.011 J	0.015 J	0.019 J	0.011 J
nC17	0.035	0.041 J	0.061	0.034
pristane	0.057	0.12	0.093	0.059
nC18	0.028 J	0.039 J	0.048 J	0.03 J
phytane	0.01 J	0.0072 J	0.011 J	0.0073 J
nC19	0.037	0.077	0.067	0.031
nC20	0.027 J	0.032 J	0.037 J	0.024 J
nC21	0.037	0.072	0.053	0.032
nC22	0.042	0.059	0.057	0.035
nC23	0.058	0.072	0.091	0.049
nC24	0.035	0.041 J	0.052	0.027 J
nC25	0.074	0.1	0.12	0.07
nC26	0.043	0.06	0.067	0.041
nC27	0.14	0.17	0.21	0.13
nC28	0.059	0.11	0.12	0.065
nC29	0.098	0.24	0.21	0.13
nC30	0.021 J	0.079	0.071	0.031
nC31	0.064	0.13	0.15	0.076
nC32	0.011 J	ND	0.064	0.013 J
nC33	0.03 J	ND	0.085	0.024 J
nC34	ND	ND	0.063	0.02 J
nC35	ND	0.1	0.079	0.044
nC36	ND	ND	0.032 J	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	12	37	28	15
TPHC	20	53	39	20
OTP	84	76	86	75
5AA	78	74	73	73
D50T	81	75	75	74

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-3-F2-03-06-PHC-SC	97-3-F2-03-08-PHC-SC	97-3-F2-03-12-PHC-SC	97-3-F2-03-18-PHC-SC
Lab ID	97C1410	97C1411	97C1408	97C1405
SDG	SDGS004	SDGS004	SDGS004	SDGS004
File	08169729.D	08169730.D	08169725.D	08169722.D
Sample Type	SAMP	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core	Sediment Core
Sample Size	23.9 g	24.1 g	25.6 g	24.2 g
Weight Basis	DRY	DRY	DRY	DRY
Associated Blank	BK-S-94PB	BK-S-94PB	BK-S-94PB	BK-S-94PB
Field Date	7/11/1997	7/11/1997	7/11/1997	7/11/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/18/1997	8/18/1997	8/18/1997	8/17/1997
Min Reporting Limit	0.021	0.021	0.02	0.021
Units	ug/g	ug/g	ug/g	ug/g
<b>SHC</b>				
nC9	0.011 J	0.012 J	0.022 J	ND
nC10	0.049	0.029	0.042	0.037
nC11	0.027 J	0.025 J	0.061	0.02 J
nC12	0.027 J	0.025 J	0.026	0.021 J
nC13	0.028	0.026 J	0.025 J	0.024 J
1380	0.016 J	0.015 J	0.015 J	0.015 J
nC14	0.043	0.039	0.04	0.036
1470	0.023 J	0.021 J	0.017 J	0.019 J
nC15	0.051	0.045	0.04	0.04
nC16	0.029	0.029	0.025 J	0.025 J
1650	0.015 J	0.014 J	0.012 J	0.015 J
nC17	0.039	0.035	0.036	0.035
pristane	0.067	0.062	0.048	0.051
nC18	0.033	0.035	0.031	0.032
phytane	0.0093 J	0.009 J	0.01 J	0.0075 J
nC19	0.055	0.034	0.038	0.041
nC20	0.031	0.032	0.031	0.031
nC21	0.039	0.036	0.036	0.021 J
nC22	0.041	0.04	0.032	0.035
nC23	0.06	0.053	0.054	0.051
nC24	0.032	0.031	0.027	0.029
nC25	0.083	0.073	0.069	0.069
nC26	0.049	0.045	0.042	0.043
nC27	0.16	0.13	0.12	0.12
nC28	0.069	0.065	0.053	0.057
nC29	0.11	0.093	0.11	0.096
nC30	0.032	0.031	ND	0.016 J
nC31	0.076	0.069	0.049	0.059
nC32	0.012 J	0.011 J	0.0091 J	0.0093 J
nC33	0.031	0.026 J	0.029	0.017 J
nC34	0.017 J	0.013 J	0.017 J	ND
nC35	0.036	0.039	0.035	0.027 J
nC36	ND	0.0065 J	ND	ND
nC37	ND	ND	ND	ND
nC38	ND	ND	ND	ND
nC39	ND	ND	ND	ND
nC40	ND	ND	ND	ND
Total Resolved	15	14	14	13
TPHC	23	21	19	17
OTP	78	83	78	79
5AA	74	75	75	73
D50T	75	77	77	75

**Arthur D. Little, Inc.**

Environmental Monitoring and Analysis

**Minerals Management Service - Shelikof Strait and Outermost Cook Inlet**

1997 Final Data (Surrogate Corrected) - Sediment Core - SHC

Field ID	97-3-F2-03-22-PHC-SC	97-3-F2-03-27-PHC-SC	97-3-F2-03-31-PHC-SC
Lab ID	97C1406	97C1413	97C1407
SDG	SDGS004	SDGS004	SDGS004
File	08169723.D	08169732.D	08169724.D
Sample Type	SAMP	SAMP	SAMP
Matrix	Sediment Core	Sediment Core	Sediment Core
Sample Size	24.2 g	24.9 g	15.1 g
Weight Basis	DRY	DRY	DRY
Associated Blank	BK-S-94PB	BK-S-94PB	BK-S-94PB
Field Date	7/11/1997	7/11/1997	7/11/1997
Extract Date	7/31/1997	7/31/1997	7/31/1997
Analysis Date	8/18/1997	8/18/1997	8/18/1997
Min Reporting Limit	0.021	0.02	0.033
Units	ug/g	ug/g	ug/g
<b>SHC</b>			
nC9	ND	0.024 J	ND
nC10	0.049	0.024 J	0.06
nC11	0.021 J	0.012 J	0.023 J
nC12	0.023 J	0.021 J	0.023 J
nC13	0.026 J	0.022 J	0.025 J
1380	0.015 J	0.014 J	0.014 J
nC14	0.04	0.035	0.04
1470	0.021 J	0.019 J	0.021 J
nC15	0.046	0.04	0.049
nC16	0.028	0.024 J	0.03 J
1650	0.017 J	0.012 J	0.016 J
nC17	0.04	0.034	0.041
pristane	0.056	0.05	0.063
nC18	0.031	0.032	0.036 J
phytane	0.009 J	0.0085 J	0.011 J
nC19	0.038	0.035	0.046
nC20	0.031	0.029	0.044
nC21	0.041	0.031	0.051
nC22	0.038	0.032	0.049
nC23	0.055	0.047	0.075
nC24	0.0097 J	0.01 J	0.043
nC25	0.072	0.062	0.1
nC26	0.043	0.04	0.06
nC27	0.12	0.1	0.19
nC28	0.051	0.041	0.08
nC29	0.1	0.069	0.16
nC30	0.031	ND	0.028 J
nC31	0.07	0.052	0.14
nC32	0.009 J	0.0082 J	0.02 J
nC33	0.027	ND	0.041
nC34	ND	ND	0.012 J
nC35	0.021 J	ND	0.027 J
nC36	ND	ND	0.0073 J
nC37	ND	ND	ND
nC38	ND	ND	ND
nC39	ND	ND	ND
nC40	ND	ND	ND
Total Resolved	13	12	17
TPHC	17	16	21
OTP	83	83	84
5AA	76	78	83
D50T	78	80	86