

Chlorophyll Data Sheet

Cruise: 2015-61

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Dates of Cruise:

Time and date acetone added: 11:50 am 25 Jan 16

Analyst: Tamara

Time and date out of freezer: 9:35 am 26 Jan 16

Time analysis started: 10:35 am 26 Jan 16

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.018			
STD			LOW	2-	12.375			
STD			HIGH	4-	66.760			
Blank				6-	0.004	8-	0.003	
								DF ?
111A	LOOP	3/10	10	1-	60.412	2-	34.792	x
6B	CS04		10	3-	50.436	4-	28.171	x
146B	MT72		10	5-	48.201	6-	27.419	x
3A	LOOP		10	7-	86.310	8-	46.965	x
159B	SS45		10	1-	44.098	2-	25.492	x
6A	CS04		10	3-	52.445	4-	29.375	x
LOOPA	MT52		10	5-	57.845	6-	33.900	x
15A	CS07		10	7-	101.337	8-	55.938	x
148A	MT72		10	1-	52.550	2-	30.072	x
LOOPA	J122		10	3-	23.550	4-	13.339	x
118A	MT32		10	5-	65.505	6-	38.054	x
15B	CS07		10	7-	107.348	8-	59.388	x
111B	LOOP		10	1-	61.829	2-	35.701	x
50A	LOOP		10	3-	77.737	4-	43.313	x 4.13 43.413
146A	MT72		10	5-	46.811	6-	26.947	x
7A	CS04		10	7-	50.246	8-	28.308	x
158A	SS45		10	1-	46.333	2-	27.192	x
3B	LOOP		10	3-	143.343	4-	76.639	x
71B	SS1		10	5-	69.283	6-	39.843	x
70A	SS1		10	7-	63.630	8-	36.397	x
* 120A	LOOP		10	1-	61.009	2-	35.609	x
* LOOPB	J122		10	3-	23.107	4-	13.159	x
120A	MT32		10	5-	69.447	6-	40.213	x
63A	LOOP		10	7-	47.235	8-	27.340	x
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

LOOP III
CHL A
2015-61

Chl
CS04
10 m
2015-61
Bot 6
6B

146 B
Chl
MT-72
20 m
2015-61
Bot 11

Loop
3 A
CHL
2015-61
159 C
Chl
SS-45
10 m
2015-61
Bot 11

Chl
CS04
10 m
2015-61
Bot 6
6A
Loop
A
CHL
MT-52
2015-61
Loop

#15
Chl
CS07
5 m
2015-61
Bot 8
A

148 A
Chl
MT-72
5 m
2015-61
Bot 13

Loop A
CHL
2015-61
118 A
Chl
MT-32
2015-61
Bot 11

8/5
Chl
CS07
5 m
2015-61
Bot 8
B

Loop III
CHL B
2015-61
Loop
50 A
CHL
2015-61

146 A
Chl
MT-72
20 m
2015-61
Bot 11
7A

Chl
CS04
5 m
2015-61
Bot 7

158 A
Chl
SS-45
20 m
2015-61
Bot 10

Loop
3-B
CHL
2015-61
71 B
Chl
SS1
5 m
2015-61
Bot 15

70 A
Chl
SS1
10
2015-61
Bot 14

Loop
120 A
CHL
2015-61
Loop
120 A
CHL
2015-61

120 A
Chl
MT-32
2015-61
Bot 13

Loop
63
CHL A
2015-61

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Cruise: 2015-61

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Dates of Cruise:

Time and date acetone added: 2:35pm 25 Jan 16

Analyst: Tanara

Time and date out of freezer: 2:40pm 26 Jan 16

Time analysis started: 3:45 pm 28 Jan 16

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.021			
STD			LOW	2-	12.204			
STD			HIGH	4-	66.068			
Blank				6-	0.005	8-	0.003	
								DF?
159A	SS45	330	10	1-	44.615	2-	25.988	x
147B	MT72		10	3-	52.420	4-	30.001	x
148B	MT72		10	5-	53.456	6-	30.564	x
70B	SS1		10	7-	65.192	8-	49.107	x
158B	SS45		10	1-	49.107	2-	29.033	x
80A	LOOP		10	3-	35.372	4-	20.101	x
119A	MT32		10	5-	67.930	6-	39.147	x
50B	LOOP		10	7-	75.577	8-	42.536	x
130B	LOOP		10	1-	42.235	2-	24.701	x
C507	LOOP B		10	3-	84.493	4-	46.939	x
137A	LOOP		10	5-	160.750	6-	85.162	x
LOOP 74	LOOP		10	7-	46.012	8-	26.094	x
133A	MT52		10	1-	51.528	2-	31.727	x
13A	C507		10	3-	100.840	4-	56.006	x
120B	MT32		10	5-	70.363	6-	40.789	x
10B	LOOP		10	7-	54.019	8-	30.507	x
134B	LOOP		10	1-	40.839	2-	23.806	x
35B	LOOP		10	3-	31.695	4-	18.394	x
135B	MT52	305	10	5-	56.350	6-	33.355	x (-25 ml w/ filtr.)
10A	LOOP		10	7-	53.171	8-	29.708	x
119B	MT32		10	1-	67.215	2-	39.210	x
C507	LOOP A		10	3-	85.949	4-	47.684	x
134A	LOOP		10	5-	40.904	6-	24.022	x
63B	LOOP		10	7-	45.813	8-	26.530	x
Stand-by				1-	0.021			
Std	Low			2-	12.176			
Std	High			4-	65.867			
Blank	by			6-	0.007	8-	0.006	

159 A
Chl
SS-45
10 m
2015-61
Bot 11

147 B
Chl
MT-72
10 m
2015-61
Bot 12

148 B
Chl
MT-72
5 m
2015-61
Bot 13

70 B
Chl
SS1
10
2015-61
Bot 14

158 B
Chl
SS-45
20 m
2015-61
Bot 10

LOOP
80A
CHL
2015-61

119 A
Chl
MT-32
2015-61
Bot 12

LOOP
50 B
CHL
2015-61

LOOP 130
CHL B
2015-61

LOOP B
CS07
CHL
2015-61

LOOP
137 A
CHL
2015-61

2015-61
CHL
2015-61
CHL A

133 A
Chl
MT-52
2015-61
Bot 13

6 B
Chl
CS07
20 m
2015-61
Bot 6
A

120 B
Chl
MT-32
2015-61
Bot 13

LOOP
10 B
CHL
2015-61

LOOP
134
CHI B
2015-61

2015-61
LOOP 35
CHL B
2015-61

135 B
Chl
MT-52
2015-61
Bot 15
-25m/

LOOP
10 A
2015-61

119 B
Chl
MT-32
2015-61
Bot 12

LOOP A
CS07
CHL
2015-61

LOOP
134
CHL A
2015-61

LOOP
63
CHL B
2015-61

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Cruise: 2015-61

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Dates of Cruise:

Time and date acetone added: 12:15 pm 09 Feb 16

Analyst: Tamara

Time and date out of freezer: 10:20 pm 10 Feb 16

Time analysis started: 12:00 pm 10 Feb 16

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.020			
STD			LOW	2-	12.175			
STD			HIGH	4-	66.227			
Blank				6-	0.008	8-	0.007	
								DF?
147A	MT72	330	10	1-	53.072	2-	30.163	X
71A	SS1		10	3-	68.007	4-	38.848	X
LOOP A	SS45		10	5-	40.303	6-	23.504	X
7B	CS04		10	7-	50.439	8-	28.188	X
LOOP	130A		10	1-	43.360	2-	24.72 25.369	X
LOOP	80B		10	3-	35.474	4-	20.054	X
94B	MT12		10	5-	53.935	6-	30.986	X
LOOP 4B			10	7-	136.147	8-	73.027	X
LOOP	120B		10	1-	60.658	2-	35.280	X
LOOP 35			10	3-	30.352	4-	17.767	X
LOOP B	SS45		10	5-	39.314	6-	22.892	broke scint vial when acetone added
13B	CS07		10	7-	100.524	8-	55.046	X
LOOP B	MT52		10	1-	56.131	2-	33.182	X
LOOP	101A		10	3-	102.028	4-	56.536	X
93A	MT12		10	5-	36.431	6-	21.515	X
LOOP	101B		10	7-	103.596	8-	56.911	X
135A	MT52		10	1-	57.367	2-	34.216	X
14A	CS07		10	3-	96.992	4-	53.665	X
133B	MT52		10	5-	50.469	6-	30.239	X
5A	CS04		10	7-	50.399	8-	28.833	X
160A	SS45		10	1-	41.199	2-	24.256	X
14B	CS07		10	3-	99.908	4-	56.453	X
LOOP	138A		10	5-	126.731	6-	70.292	X
134B	MT52		10	7-	56.019	8-	33.578	X
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

147 A
Chl
MT-72
10 m
2015-61
Bot 12

71 71A
Chl
SS1
5 m
2015-61
Bot 15

LOOP
SS-45
A
CHL
2015-61

1
Chl
CS04
5 m
2015-61
Bot 7
73

LOOP 130
CHL A
2015-61

LOOP
BOB
CHL
2015-61

94 94B
Chl
MT-12
2015-61
Bot 19

LOOP
4B
CHL
2015-61

LOOP
120 B
CHL
2015-61

2015-61
LOOP 35
CHL A
16-10-15

LOOP
SS-45
B
CHL
2015-61
Bot 6

6 6B
Chl
CS07
20 m
2015-61
Bot 6
B

LOOP
B
CHL
MT-52
2015-61
LOOP

93 A
Chl
MT-12
2015-61
Bot 18

LOOP 101
CHL B
2015-61

135 A
Chl
MT-52
2015-61
Bot 15

714
Chl
CS07
10 m
2015-61
Bot 7
A

133 B
Chl
MT-52
2015-61
Bot 13

5
Chl
CS04
20 m
2015-61
Bot 5
5A

160 A
Chl
SS-45
5 m
2015-61
Bot 12

714
Chl
CS07
10 m
2015-61
Bot 7
B

LOOP
138 A
CHL
2015-61

134 B
Chl
MT-52
2015-61
Bot 14

Chlorophyll Data Sheet

Cruise: 2015-61

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Dates of Cruise:

Time and date acetone added: 2:10 pm 09 Feb 16

Analyst: Tamara

Time and date out of freezer: 1:15 pm 10 Feb 16

Time analysis started: 1:40 pm 10 Feb 16

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.020			
STD			LOW	2-	12.046			
STD			HIGH	4-	65.768			
Blank				6-	0.006	8-	0.003	
								DF?
5B	CS04	330	10	1-	51.982	2-	29.292	X
56A	JI 22		10	3-	23.218	4-	13.332	X
56B	JI 22		10	5-	22.962	6-	13.122	X
69B	SS1		10	7-	65.391	8-	37.798	X
95B	MT12		10	1-	53.643	2-	30.761	X
LOOP	4A		10	3-	135.300	4-	72.594	X
118B	MT32		10	5-	65.851	6-	38.487	X
160B	SS45		10	7-	43.260	8-	25.543	X
LOOP	138B		10	1-	132.243	2-	72.302	X
LOOP	91A		10	3-	75.865	4-	43.256	X
LOOP 74	LQ01		10	5-	48.043	6-	27.867	X
LOOP	91B		10	7-	69.576	8-	39.540	X
69A	SS1		10	1-	65.180	2-	37.297	X
93B	MT12		10	3-	35.065	4-	20.616	X
94A	MT12		10	5-	53.613	6-	30.978	X
LOOP	137B		10	7-	157.707	8-	83.779	X
134A	MT52		10	1-	56.699	2-	33.860	X
95A	MT12		10	3-	54.103	4-	31.577	X
				5-		6-		
				7-		8-		
				1-		2-		
				3-		4-		
				5-		6-		
				7-		8-		
Stand-by				1-	-0.020			
Std	Low			2-	12.126			
Std	High			4-	65.787			
Blank	by			6-	0.007	8-	0.005	

5
Chl
CS04
20 m
2015-61
Bot 5
SB

56A
J122
CVC
2015-61
Bot 21

56B
J122
CVC
2015-61
Bot 21

69 B
Chl
SS1
20
2015-61
Bot 13

73 B
Chl
MT-12
2015-61
Bot 20

Loop 4A
CHC
2015-61

118 B
Chl
MT-32
2015-61
Bot 11

160 B
Chl
SS-45
5 m
2015-61
Bot 12

Loop
138 B
CHC
2015-61

Loop 91
CHL A
2015-61

2015-61
Loop 74
17-16-15
CHLB

Loop 91
CHL B
2015-61

69 A
Chl
SS1
20
2015-61
Bot 13

93 B
Chl
MT-12
2015-61
Bot 18

94
Chl
MT-12
2015-61
Bot 19

Loop
137 B
CHC
2015-61

134 A
Chl
MT-52
2015-61
Bot 14

95 A
Chl
MT-12
2015-61
Bot 20