

Chlorophyll Data Sheet

Cruise: 2015-21

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Dates of Cruise:

Time and date acetone added: 20 Sept 15 11:25 am

Analyst: Tamar

Time and date out of freezer: 23 Sept 15 9:45 am

Time analysis started: 10:45 a.m.

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.016			
STD			LOW	2-	12.357			
STD			HIGH	4-	66.991			
Blank				6-	0.002	8-		
332B	24	332	10	1-	108.234	2-	64.728	
332A	24		10	3-	93.613	4-	56.417	
333B	28		10	5-	30.414	6-	18.182	
333A	28		10	7-	30.004	8-	18.110	
346A	GED1		10	1-	140.904	2-	84.753	} peachy orange colour left on filters
347A	GED1		10	3-	156.658	4-	93.239	
347B	GED1		10	5-	147.791	6-	88.400	
348B	GED1		10	7-	146.198	8-	88.169	
348A	GED1		10	1-	150.662	2-	90.413	
355A	38		10	3-	73.223	4-	43.398	
355B	38		10	5-	73.907	6-	43.280	
356A	41		10	7-	93.319	8-	51.786	
356B	41		10	1-	105.628	2-	58.077	
149B	LC06		20	3-	124.020	4-	69.895	
148A	LC06		20	5-	131.858	6-	74.422	
157A	LC04		10	7-	51.172	8-	30.382	
157B	LC04		10	1-	48.472	2-	28.409	
158A	LC04		10	3-	42.791	4-	25.818	
158B	LC04		10	5-	50.895	6-	31.359	
159A	LC04		10	7-	48.936	8-	29.586	
159B	LC04		10	1-	45.224	2-	27.132	
164A	LC02		10	3-	62.080	4-	35.253	
164B	LC02		10	5-	61.433	6-	35.207	
140A	LC08		10	7-	19.447	8-	11.552	
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

332 B CHL 24 0 m 2015-21 Bot 1	332 A CHL 24 0 m 2015-21 Bot 1	333 B CHL 28 0 m 2015-21 Bot 1	333 A CHL 28 0 m 2015-21 Bot 1	346 A CHL GEO1 10 m 2015-21 Bot 13	347 A CHL GEO1 5 m 2015-21 Bot 14	347 B CHL GEO1 5 m 2015-21 Bot 14	348 B CHL GEO1 0 m 2015-21 Bot 15
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348 A CHL GEO1 0 m 2015-21 Bot 15	355 A CHL 38 0 m 2015-21 Bot 1	355 B CHL 38 0 m 2015-21 Bot 1	356 A CHL 41 0 m 2015-21 Bot 1	356 B CHL 41 0 m 2015-21 Bot 1	149 B CHL LC06 5 m 2015-21 Bot 7	148 A CHL LC06 10 m 2015-21 Bot 6	157 A CHL LC04 20 m 2015-21 Bot 8
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157 B CHL LC04 20 m 2015-21 Bot 8	158 A CHL LC04 10 m 2015-21 Bot 9	158 B CHL LC04 10 m 2015-21 Bot 9	159 A CHL LC04 5 m 2015-21 Bot 10	159 B CHL LC04 5 m 2015-21 Bot 10	164 A CHL LC02 20 m 2015-21 Bot 5	164 B CHL LC02 20 m 2015-21 Bot 5	140 A CHL LC08 20 m 2015-21 Bot 9
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Chlorophyll Data Sheet

Cruise: 201521

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Dates of Cruise:

Time and date acetone added: 1:20 pm 22 Sept 15

Analyst: Tamar

Time and date out of freezer: 10:45 a.m. 23 Sept 15

Time analysis started: 11:50 am 23 Sept 15

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.019			
STD			LOW	2-	12.246			
STD			HIGH	4-	65.936			
Blank				6-	0.002	8-	0.001	
141B	LC08	332	10	1-	25.414	2-	14.436	
141A	LC08		10	3-	24.869	4-	14.272	
140B	LC08		10	5-	19.169	6-	11.351	
142A	LC08		10	7-	32.085	8-	17.969	
142B	LC08		10	1-	33.837	2-	18.954	
148B	LC06		20	3-	136.685	4-	77.163	
149A	LC06		20	5-	124.269	6-	70.093	
147B	LC06		10	7-	52.238	8-	28.955	
147A	LC06		10	1-	55.644	2-	31.237	
113A	LC11		10	3-	27.982	4-	16.137	
113B	LC11		10	5-	26.897	6-	15.352	
114A	LC11		10	7-	25.758	8-	14.825	
114B	LC11		10	1-	26.433	2-	15.338	
128A	LC09		10	3-	11.591	4-	6.913	
128B	LC09		10	5-	11.759	6-	7.044	
129B	LC09		10	7-	9.842	8-	5.844	
131A	LC09		10	1-	10.963	2-	6.430	
131B	LC09		10	3-	10.907	4-	6.410	
92A	LB14		10	5-	6.854	6-	4.015	
129A	LC09		10	7-	10.635	8-	6.508	
92B	LB14		10	1-	6.772	2-	3.921	
93A	LB14		10	3-	7.100	4-	4.187	
93B	LB14		10	5-	7.130	6-	4.144	
94A	LB15		10	7-	9.490	8-	5.589	
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

141 B	141 A	140 B	142 A	142 B	148 B	149 A	147 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC08	LC08	LC08	LC08	LC08	LC06	LC06	LC06
10 m	10 m	20 m	5 m	5 m	10 m	5 m	20 m
2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21
Bot 10	Bot 10	Bot 9	Bot 11	Bot 11	Bot 6	Bot 7	Bot 5

147 A	113 A	113 B	114 A	114 B	128 A	128 B	129 B
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC06	LC11	LC11	LC11	LC11	LC09	LC09	LC09
20 m	10 m	10 m	5 m	5 m	20 m	20 m	10 m
2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21
Bot 5	Bot 18	Bot 18	Bot 19	Bot 19	Bot 14	Bot 14	Bot 15

131 A	131 B	92 A	129 A	92 B	93 A	93 B	94 A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LC09	LC09	LB14	LC09	LB14	LB14	LB14	LB15
5 m	5 m	10 m	10 m	10 m	5 m	5 m	5 m
2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21
Bot 17	Bot 17	Bot 17	Bot 15	Bot 17	Bot 18	Bot 18	Bot 1

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Cruise: 2015-21

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Dates of Cruise:

Time and date acetone added: 2:30 pm 22 Sept 15 Analyst: Tamarac

Time and date out of freezer: 1:00 pm 23 Sept 15

Time analysis started: 2:10 pm

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.019			
STD			LOW	2-	12.069			
STD			HIGH	4-	65.727			
Blank				6-	0.003	8-	-0.000	
94B	LB15	332	10	1-	9.578	2-	5.585	
95A	LB16		10	3-	9.128	4-	5.399	
95B	LB16		10	5-	9.217	6-	5.569	
112A	LC11		10	7-	19.416	8-	11.663	
72A	LB12		10	1-	9.347	2-	5.608	
112B	LC11		10	3-	19.174	4-	11.819	
72B	LB12		10	5-	8.937	6-	5.414	
73A	LB12		10	7-	7.558	8-	4.523	
74A	LB12		10	1-	7.619	2-	4.480	
73B	LB12		10	3-	7.466	4-	4.426	
74B	LB12		10	5-	7.536	6-	4.402	
75A	LB13		10	7-	6.795	8-	3.954	
75B	LB13		10	1-	7.052	2-	4.148	
91A	LB14		10	3-	7.051	4-	4.131	
47A	LB09		10	5-	115.595	6-	64.142	
91B	LB14		10	7-	7.433	8-	4.327	
46A	LB09		10	1-	107.379	2-	57.542	
48A	LB10		10	3-	39.427	4-	23.717	
48B	LB10		10	5-	38.941	6-	23.503	
57A	LB11		10	7-	9.291	8-	5.512	
57B	LB11		10	1-	9.439	2-	5.738	
58A	LB11		10	3-	7.676	4-	4.470	
58B	LB11		10	5-	7.699	6-	4.510	
59A	LB11		10	7-	9.248	8-	5.481	
37A	LB08		10		81.409		47.292	
59B	LB11		10		8.845		5.178	
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

94 ^B	95 ^A	95 ^B	112 ^A	72 ^A	112 ^B	72 ^B	73 ^A
CHL	CHL	CHL	CHL	CHL	CHL	CHL	CHL
LB15	LB16	LB16	LC11	LB12	LC11	LB12	LB12
5 m	5 m	5 m	20 m	20 m	20 m	20 m	10 m
2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21
Bot 1	Bot 1	Bot 1	Bot 17	Bot 13	Bot 17	Bot 13	Bot 14

74 ^A	73 ^B	74 ^B	75 ^A	75 ^B	91 ^A	47	91 ^B
CHL	CHL	CHL	CHL	CHL	CHL	CHL A	CHL
LB12	LB12	LB12	LB1 10 13	LB1 10 13	LB14	LB09	LB14
5 m	10 m	5 m	Bot-10	Bot-10	20 m	5 m	20 m
2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21
Bot 15	Bot 14	Bot 15	Bot 1	Bot 1	Bot 16	Bot 9	Bot 16

46	48 ^A	48 ^B	57	57	58	58	59
CHL A	CHL	CHL	CHL A	CHL B	CHL A	CHL B	CHL A
LB09	LB10	LB10	LB11	LB11	LB11	LB11	LB11
10 m	5 m	5 m	20 m	20 m	10 m	10 m	5 m
2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21	2015-21
Bot 8	Bot 1	Bot 1	Bot 9	Bot 9	Bot 10	Bot 10	Bot 11

37 ^A	59
CHL	CHL B
LB08	LB11
5 m	5 m
2015-21	2015-21
Bot 9	Bot 11

Chlorophyll Data Sheet

Cruise: 2015-21

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Dates of Cruise:

Time and date acetone added: 22 Sept 15 3:55pm

Analyst: Tamar

Time and date out of freezer: 2:40pm 23 Sept 15

Time analysis started: 3:10pm

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.022			
STD			LOW	2-	12.079			
STD			HIGH	4-	65.592			
Blank				6-	0.010	8-	0.009	
37B	LB08	332	10	1-	78.098	2-	45.017	
36A	LB08		10	3-	107.443	4-	62.267	
36B	LB08		10	5-	103.424	6-	59.243	
35A	LB08		10	7-	53.669	8-	30.739	
35B	LB08		10	1-	48.801	2-	28.117	
45A	LB09		10	3-	76.530	4-	42.629	
45B	LB09		10	5-	73.935	6-	40.818	
46B	LB09		10	7-	108.781	8-	58.941	
19A	LB05		10	1-	52.940	2-	28.713	
47B	LB09		10	3-	119.935	4-	66.828	
19B	LB05		10	5-	51.790	6-	29.234	
25A	LB06		10	7-	66.169	8-	39.571	
25B	LB06		10	1-	66.632	2-	39.242	
26A	LB06		10	3-	65.110	4-	37.069	
26B	LB06		10	5-	77.784	6-	43.235	
27A	LB06		10	7-	85.233	8-	46.361	
27B	LB06		10	1-	87.054	2-	47.771	
28A	LB07		10	3-	80.659	4-	43.841	
16A	LB04		10	5-	108.297	6-	61.001	
28B	LB07		10	7-	88.252	8-	47.417	
18A	LB04		10	1-	49.461	2-	28.794	
17B	LB04		10	3-	51.316	4-	29.472	
18B	LB04		10	5-	50.460	6-	29.032	
17A	LB04		10	7-	47.272	8-	27.582	
16B	LB04		10		118.744		67.025	
11B	LB03		10		68.807		39.538	
Stand-by				1-	-0.021			
Std	Low			2-	12.021			
Std	High			4-	65.522			
Blank	by			6-	0.002	8-	0.000	

37 CHL LB08 5 m 2015-21 Bot 9	36 CHL LB08 10 m 2015-21 Bot 8	36 CHL LB08 10 m 2015-21 Bot 8	35 CHL LB08 20 m 2015-21 Bot 7	35 CHL LB08 20 m 2015-21 Bot 7	45 CHL LB09 20 m 2015-21 Bot 7	45 CHL LB09 20 m 2015-21 Bot 7	46 CHL LB09 10 m 2015-21 Bot 8
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19 CHL LB05 5 m 2015-21 Bot 1	47 CHL LB09 5 m 2015-21 Bot 9	19 CHL LB05 5 m 2015-21 Bot 1	25 CHL LB06 20 m 2015-21 Bot 6	25 CHL LB06 20 m 2015-21 Bot 6	26 CHL LB06 10 m 2015-21 Bot 7	26 CHL LB06 10 m 2015-21 Bot 7	27 CHL LB06 5 m 2015-21 Bot 8
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27 CHL LB06 5 m 2015-21 Bot 8	28 CHL LB07 5 m 2015-21 Bot 1	16 CHL LB04 20 m 2015-21 Bot 5	28 CHL LB07 5 m 2015-21 Bot 1	18 CHL LB04 5 m 2015-21 Bot 7	17 CHL LB04 10 m 2015-21 Bot 6	18 CHL LB04 5 m 2015-21 Bot 7	17 CHL LB04 10 m 2015-21 Bot 6
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16 CHL LB04 20 m 2015-21 Bot 5	11 CHL LB03 5 m 2015-21 Bot 1
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20ml: 4A+B

3A+B

Chlorophyll Data Sheet

Cruise: 2015-21

Page: 1 of

Dates of Cruise:

Time and date acetone added: 24 Sept 15 11:00 am Analyst: Tamerz

Time and date out of freezer: 25 Sept 15 9 am

Time analysis started: 10:15 am

1st use new batch of 90% acetone prep'd 23 Sept 15

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments 1
Stand-	by			1-	-0.016			
STD			LOW	2-	12.225			
STD			HIGH	4-	66.320			
Blank				6-	-0.000	8-	-0.001	
10A	LB02	332	10	1-	161.210	2-	97.151	
8A	LB02		10	3-	169.586	4-	95.044	
9B	LB02		10	5-	168.185	6-	96.719	
10B	LB02		10	7-	149.222	8-	91.374	
4B	LB01		20	1-	178.489	2-	96.293	
3A	LB01		20	3-	147.507	4-	81.066	
3B	LB01		20	5-	140.756	6-	78.803	
4A	LB01		20	7-	169.701	8-	93.165	
2B	LB01		10	1-	208.203	2-	116.573	
2A	LB01		10	3-	204.306	4-	114.833	
195A	LG02		10	5-	177.852	6-	98.971	
238A	LBP3		10	7-	30.754	8-	17.361	
220A	LG06		10	1-	29.338	2-	17.808	
LOOP	104B		10	3-	81.844	4-	44.708	
276B	LBP7		10	5-	15.337	6-	8.747	
327A	14		10	7-	114.445	8-	65.801	
309B	CS06		10	1-	62.725	2-	36.587	
11A	LB03		10	3-	54.657	4-	31.334	
9A	LB02		10	5-	176.903	6-	101.968	
8B	LB02		10	7-	178.251	8-	99.873	
165A	LC02		10	1-	63.146	2-	36.357	
195B	LG02		10	3-	161.027	4-	88.401	
184B	LD04		10	5-	133.236	6-	72.054	
177A	LD02		10	7-	180.565	8-	101.509	
165B	LC02		10		65.154		37.153	
184A	LD04		10		129.506		69.772	
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

10A CHL LB02 5 m 2015-21 Bot 5	8A CHL 8A LB02 20 m 2015-21 Bot 3	9B CHL LB02 10 m 2015-21 Bot 4	10B CHL LB02 5 m 2015-21 Bot 5	4B CHL LB01 5 m 2015-21 Bot 4	3A CHL LB01 10 m 2015-21 Bot 3	3B CHL LB01 10 m 2015-21 Bot 3	4A CHL LB01 5 m 2015-21 Bot 4
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2B CHL LB01 20 m 2015-21 Bot 2	2A CHL LB01 20 m 2015-21 Bot 2	195A CHL LG02 10 m 2015-21 Bot 6	238A CHL LBP3 5 m 2015-21 Bot 10	220A CHL LG06 20 m 2015-21 Bot 15	200P 104B CHL 2015-21	276B CHL LBP7 10 m 2015-21 Bot 19	321A CHL 14 0 m 2015-21 Bot 1
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309B CHL CS06 10 m 2015-21 Bot 5	11A CHL LB03 5 m 2015-21 Bot 1	9A CHL LB02 10 m 2015-21 Bot 4	8B CHL LB02 20 m 2015-21 Bot 3	165A CHL LC02 10 m 2015-21 Bot 6	195B CHL LG02 10 m 2015-21 Bot 6	184C CHL LD04 5 m 2015-21 Bot 5	177A CHL LD02 20 m 2015-21 Bot 3
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165B CHL LC02 10 m 2015-21 Bot 6	184A CHL LD04 5 m 2015-21 Bot 5
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Chlorophyll Data Sheet

Cruise: 2015-21

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Dates of Cruise:

Time and date acetone added: 12:30 pm 24 Sept 15 Analyst: Tamar

Time and date out of freezer: 10:20 am 25 Sept 15

Time analysis started: 11:15 a.m.

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.018			
STD			LOW	2-	12.156			
STD			HIGH	4-	65.867			
Blank				6-	-0.000	8-	-0.004	
327B	14	332	10	1-	114.036	2-	64.476	
310A	CS06		10	3-	52.704	4-	29.965	
302A	CS04		10	5-	110.034	6-	60.035	
277B	LBP7		10	7-	14.111	8-	7.936	
255A	LBP5		10	1-	11.053	2-	6.451	
220B	LG06		10	3-	28.641	4-	17.336	
328B	11		10	5-	147.584	6-	85.756	
177B	LD02		10	7-	186.288	8-	104.111	
310B	CS06		10	1-	49.280	2-	28.000	
302B	CS04		10	3-	107.737	4-	59.288	
277A	LBP7		10	5-	13.724	6-	7.717	
255B	LBP5		10	7-	12.883	8-	7.687	
221A	LG06		10	1-	22.123	2-	13.363	
196A	LG02		10	3-	176.322	4-	94.257	
189A	LG01		10	5-	101.093	6-	54.410	
178A	LD02		20	7-	167.227	8-	91.284	
329A	CPF2		10	1-	170.292	2-	98.739	
167A	LC02		10	3-	84.542	4-	45.163	
319A	CS09		10	5-	58.589	6-	32.170	
303A	CS04		10	7-	93.678	8-	50.855	
295A	CS02		10	1-	44.837	2-	26.913	
256A	LBP5		10	3-	64.378	4-	34.943	
221B	LG06		10	5-	21.439	6-	12.899	
196B	LG02		10	7-	168.288	8-	89.960	
189B	LG01		10	1	111.551		60.918	
178B	LD02		20	3	163.281		89.145	
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		

167B LC02 10 5 88.320 47.053
 329B CPF2 10 7 164.781 96.622
 319B CS09 10 1 59.304 32.506
 303B CS04 10 3 91.152 49.816

327 ^B CHL 14 0 m 2015-21 Bot 1	310 ^A CHL CS06 5 m 2015-21 Bot 6	302 ^A CHL CS04 20 m 2015-21 Bot 5	277 ^B CHL LBP7 5 m 2015-21 Bot 20	255 ^A CHL LBP5 20 m 2015-21 Bot 17	220 ^B CHL LG06 20 m 2015-21 Bot 15	328 ^B CHL 11 0 m 2015-21 Bot 1	177 ^B CHL LD02 20 m 2015-21 Bot 3
310 ^B CHL CS06 5 m 2015-21 Bot 6	302 ^B CHL CS04 20 m 2015-21 Bot 5	277 ^A CHL LBP7 5 m 2015-21 Bot 20	255 ^B CHL LBP5 20 m 2015-21 Bot 17	221 ^A CHL LG06 10 m 2015-21 Bot 16	196 ^A CHL LG02 5 m 2015-21 Bot 7	189 ^A CHL LG01 5 m 2015-21 Bot 5	178 ^A CHL LD02 10 m 2015-21 Bot 4
329 ^A CHL CPF2 0 m 2015-21 Bot 1	167 ^A CHL LC02 5 m 2015-21 Bot 8	319 ^A CHL CS09 20 m 2015-21 Bot 9	303 ^A CHL CS04 10 m 2015-21 Bot 6	295 ^A CHL CS02 20 m 2015-21 Bot 18	256 ^A CHL LBP5 10 m 2015-21 Bot 18	221 ^B CHL LG06 10 m 2015-21 Bot 16	196 ^B CHL LG02 5 m 2015-21 Bot 7
189 ^B CHL LG01 5 m 2015-21 Bot 5	178 ^B CHL LD02 10 m 2015-21 Bot 4	167 ^B CHL LC02 5 m 2015-21 Bot 8	329 ^B CHL CPF2 0 m 2015-21 Bot 1	319 ^B CHL CS09 20 m 2015-21 Bot 9	303 ^B CHL CS04 10 m 2015-21 Bot 6		

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Cruise: 2015-21

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Dates of Cruise:

Time and date acetone added: 2:45pm 24 Sept 15 Analyst: Tamara

Time and date out of freezer: 12:25 pm 25 Sept 15

Time analysis started: 1:25pm

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.018			
STD			LOW	2-	12.080			
STD			HIGH	4-	65.745			
Blank				6-	0.002	8-	0.001	
295B	CS02	332	10	1-	45.314	2-	26.488	
222B	LG06		10	3-	19.856	4-	11.824	
203A	LG04		10	5-	33.063	6-	20.081	
188A	LG01		10	7-	124.038	8-	67.404	
179A	LD02		10	1-	146.990	2-	78.558	
174A	LC01		10	3-	131.370	4-	72.324	DF=2
330A	CPF1		10	5-	157.878	6-	92.992	
320A	CS09		10	7-	57.932	8-	32.950	
304A	CS04		10	1-	92.057	2-	50.062	
296A	CS02		10	3-	75.016	4-	41.159	
257A	LBP5		10	5-	66.851	6-	36.188	
222A	LG06		10	7-	19.742	8-	11.907	
203B	LG04		10	1-	34.281	2-	20.937	
188B	LG01		10	3-	115.304	4-	63.718	
179B	LD02		20	5-	71.864	6-	38.943	
174B	LC01		20	7-	125.318	8-	69.402	
330B	CAF1		10	1-	151.324	2-	89.404	
320B	CS09		10	3-	59.405	4-	33.690	
304B	CS04		10	5-	92.918	6-	50.371	
296B	CS02		10	7-	74.145	8-	41.106	
257B	LBP5		10	1-	73.879	2-	40.264	
236A	LBP3		10	3-	34.280	4-	20.546	
205A	LG04		10	5-	21.118	6-	13.062	
187A	LG01		10	7-	99.876	8-	56.715	
182A	LD04		10	1	86.800		48.045	
173A	LC01		20	3	116.383		65.663	
Stand-by				1-				
Std	Low			2-				
Std	High			4-				
Blank	by			6-		8-		
331A	22		10	5	120.745	-	72.183	

321A CS09 10 7 50.403 29.394

295 ^B CHL CS02 20 m 2015-21 Bot 18	222 ^B CHL LG06 5 m 2015-21 Bot 17	203 ^A CHL LG04 20 m 2015-21 Bot 7	188 ^A CHL LG01 10 m 2015-21 Bot 4	179 ^A CHL LD02 5 m 2015-21 Bot 5	174 ^A CHL LC01 5 m 2015-21 Bot 7	330 ^A CHL CPF1 0 m 2015-21 Bot 1	320 ^A CHL CS09 10 m 2015-21 Bot 10
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304 ^A CHL CS04 5 m 2015-21 Bot 7	296 ^A CHL CS02 10 m 2015-21 Bot 19	257 ^A CHL LBP5 5 m 2015-21 Bot 19	222 ^A CHL LG06 5 m 2015-21 Bot 17	203 ^B CHL LG04 20 m 2015-21 Bot 7	188 ^B CHL LG01 10 m 2015-21 Bot 4	179 ^B CHL LD02 5 m 2015-21 Bot 5	174 ^L CHL LC01 5 m 2015-21 Bot 7
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330 ^B CHL CPF1 0 m 2015-21 Bot 1	320 ^B CHL CS09 10 m 2015-21 Bot 10	304 ^B CHL CS04 5 m 2015-21 Bot 7	296 ^B CHL CS02 10 m 2015-21 Bot 19	257 ^B CHL LBP5 5 m 2015-21 Bot 19	236 ^A CHL LBP3 20 m 2015-21 Bot 8	205 ^A CHL LG04 5 m 2015-21 Bot 9	187 ^A CHL LG01 20 m 2015-21 Bot 3
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182 ^A CHL LD04 20 m 2015-21 Bot 3	173 ^A CHL LC01 10 m 2015-21 Bot 6	331 ^A CHL 22 0 m 2015-21 Bot 1	321 ^A CHL CS09 5 m 2015-21 Bot 11
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15 Sept Sept La Prouse

Chlorophyll Data Sheet

Cruise: 2015-21

Page: 4 of 4

Dates of Cruise:

Time and date acetone added: 4:50 24 Sept 15

Analyst: Tamara

Time and date out of freezer: 3:25 pm 25 Sept 15

Time analysis started: 4:35 pm

Sample #	Station	Vol filt	Vol acet		Rb		Ra	Comments
Stand-	by			1-	-0.021			
STD			LOW	2-	12.144			
STD			HIGH	4-	66.040			
Blank				6-	0.000	8-	-0.002	
172A	LC01	332	10	1-	115.644	2-	64.618	
183B	LD04		10	3-	163.911	4-	88.286	
194B	LG02		10	5-	114.727	6-	64.024	DF=2
204B	LG04		10	7-	23.169	8-	14.168	
237B	LBP3		10	1-	25.482	2-	14.528	
276A	LBP7		10	3-	15.305	4-	8.614	
L00P	104A		10	5-	82.620	6-	45.208	
309A	CS06		10	7-	64.341	8-	37.710	
328A	11		10	1-	155.867	2-	90.687	
256B	LBP5		10	3-	69.020	4-	37.867	
172B	LC01		10	5-	115.658	6-	65.510	
183A	LD04		10	7-	163.460	8-	88.478	
194A	LG02		20	1-	109.342	2-	61.220	
204A	LG04		10	3-	26.631	4-	15.826	
237A	LBP3		10	5-	31.746	6-	18.019	
275B	LBP7		10	7-	49.559	8-	28.081	
297B	CS02		10	1-	76.953	2-	42.545	
308B	CS06		10	3-	88.506	4-	50.025	
321B	CS09		10	5-	53.985	6-	31.506	
331B	22		10	7-	120.216	8-	72.095	
173B	LC01		20	1-	115.891	2-	66.373	
182B	LD04		10	3-	85.122	4-	46.911	
187B	LG01		10	5-	95.893	6-	54.620	
205B	LG04		10	7-	22.735	8-	13.902	
236B	LBP3		10	1	40.862		24.408	
275A	LBP7		10	3	48.893		27.850	
Stand-by				1-	-0.019			
Std	Low			2-	12.124			
Std	High			4-	65.647			
Blank	by			6-	0.000	8-	-0.000	
297A	CS02		10	5	77.941		42.923	
308A	CS06		10	7	95.097		53.774	

172 <i>A</i> CHL LC01 20 m 2015-21 Bot 5	183 <i>B</i> CHL LD04 10 m 2015-21 Bot 4	194 <i>B</i> CHL LG02 20 m 2015-21 Bot 5	204 <i>B</i> CHL LG04 10 m 2015-21 Bot 8	237 <i>B</i> CHL LBP3 10 m 2015-21 Bot 9	276 <i>A</i> CHL LBP7 10 m 2015-21 Bot 19	Loop 104 <i>A</i> <i>CHL</i> 2015-21	309 <i>A</i> CHL CS06 10 m 2015-21 Bot 5
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328 <i>A</i> CHL 11 0 m 2015-21 Bot 1	256 <i>B</i> CHL LBP5 10 m 2015-21 Bot 18	172 <i>B</i> CHL LC01 20 m 2015-21 Bot 5	183 <i>A</i> CHL LD04 10 m 2015-21 Bot 4	194 <i>A</i> CHL LG02 20 m 2015-21 Bot 5	204 <i>A</i> CHL LG04 10 m 2015-21 Bot 8	237 <i>A</i> CHL LBP3 10 m 2015-21 Bot 9	275 <i>B</i> CHL LBP7 20 m 2015-21 Bot 18
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297 <i>B</i> CHL CS02 5 m 2015-21 Bot 20	308 <i>B</i> CHL CS06 20 m 2015-21 Bot 4	321 <i>B</i> CHL CS09 5 m 2015-21 Bot 11	331 <i>B</i> CHL 22 0 m 2015-21 Bot 1	173 <i>B</i> CHL LC01 10 m 2015-21 Bot 6	182 <i>B</i> CHL LD04 20 m 2015-21 Bot 3	187 <i>B</i> CHL LG01 20 m 2015-21 Bot 3	205 <i>B</i> CHL LG04 5 m 2015-21 Bot 9
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236 <i>B</i> CHL LBP3 20 m 2015-21 Bot 8	275 <i>A</i> CHL LBP7 20 m 2015-21 Bot 18	297 <i>A</i> CHL CS02 5 m 2015-21 Bot 20	308 <i>A</i> CHL CS06 20 m 2015-21 Bot 4
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