

Rosette sampling log mission 2006-18

Vessel CCGS Louis S. St-Laurent

Event # 001
Station PEI

Water depth 205
Cast depth

Date 2006/07/29
Local time (Time Zone) 0842
UTC time (start) 1242

Cast #	Stn	Samp #	Raw Nom Press	ROS BOT #	BOTTLE INTEGRITY	FW-Alkalinity	Bacteria	Nutrients	Ba	O18	SALINITY
1	PEI	1	bot/200	1	✓✓		X	X	X	X	X
		2	150	2	✓✓		X	X	X	X	X
		3	100	3	✓✓		X	X	X	X	X
		4	75	4	✓✓		X	X	X	X	X
		5	chd Max	5	✓✓		X	X	X	X	X
		6	25	6	✓✓		X	X	X	X	X
		7	25	7	✓✓		X	X	X	X	X
		8	5	8	✓✓		X	X	X	X	X
				9							
				10							
				11							
				12							
				13							
				14							
				15							
				16							
				17							
				18							
				19							
				20							
				21							
				22							
				23							
				24							

st scan 8000

Used ^{old} con file need to replace w/ new 2006-18.con (has oxy and calcs).

207
50 — Chl Max actually @ 20 m.
no O-ring in bot 6

After cast:
6, 15, 22, 24 lg end cap top o-rings replaced w/ backoil o-rings

Comments : Bottles tripped on Up cast or Down cast: UN
Caps on Ba and salinity re-tightened after warming?
Tighten cap and Parafilm on O-18 at room temp?
Caps on DOC re-tightened after freezing?
Oxygen flask stoppers covered with seawater?
Oxygen flasks shaken twice?

Rosette sampling log mission 2006-18

Cast # 76 Part
Station RM-1 B
CTD Filename

Date (UTC) 15 Sept 06
UTC/Local time 2030 / 1630
CTD Operator

In-air press
Ice (tenths) 0
Start Scan

(w/o +9 hull correction / sound speed)
Water Depth ~ 0.3 m.
Lat (N) 67 49.8 N
Lon (W) 115 2.2 W.

on west shore of island at
Coppermine river mouth -
sampled ~ 15 m from shore
on sandy area.

sampled by hand into 3x 2L btl. The chl. Btl was used for Bacteria // the 2 POC/TSS for other samples.

Samp #	Target property	Target depth	ROS BOT #	BOTTLE INTEGRITY	CFC	CFC Syringe #	CFC DUP Syringe #	He	Diss. OXY	OXY FLASK #	OXY DUP FLASK #	OXY Trip FLASK #	DIC	C-13	POC	TOTAL CHLa 0.7u	Phyto	Bacteria	FW-Alkalinity	SALINITY	NUTRIENTS GLASS	NH4 PLAST	O18	Ba	H-3	I-129	Ce-137	TSS	
RM-1		10 cm	1															✓	✓	✓	I	I							Temp ~ 8-9°C.
			2																										Nuts in normal tubes +
			3																										bigger tubes/btles to test
			4																										freezing method due to
			5																										Fresh water content.
			6																										
			7																										
			8																										
			9																										
			10																										
			11																										
			12																										
			13																										
			14																										
			15																										
			16																										
			17																										
			18																										
			19																										
			20																										
			21																										
			22																										
			23																										
			24																										

Comments :

River Sampling
Coppermine River

Rosette sampling log mission 2006-18

Cast # 76 Part
Station BF2 A
CTD Filename _____

Date (UTC) 15 Sept 06
UTC/Local time 2000 / 1600
CTD Operator _____

In-air press _____
Ice (tenths) 0
Start Scan _____

(w/o +9 hull correction / sound speed)
Water Depth ~4.3 m.
Lat (N) 67 ~44 N
Lon (W) 115 22.5W.

on west shore above bloody falls.
~ 8' from shore ~ clay bottom

Samp #	Target property	Target depth	ROS BOT #	BOTTLE INTEGRITY	CFC	CFC Syringe #	CFC DUP Syringe #	He	Diss. OXY	OXY FLASK #	OXY DUP FLASK #	OXY Trip FLASK #	DIC	C-13	POC	TOTAL CHLa 0.7u	Phyto	Bacteria	FW-Alkalinity	SALINITY	NUTRIENTS	NH4	O18	Ba	H-3	I-129	Cs-137	TSS	
BF2		10cm	1															✓	✓	✓	✓	✓	✓						Temp ~8-9°C.
			2																										Nuts in various tubes +
			3																										btl's because of potential
			4																										freezing problems.
			5																										
			6																										
			7																										
			8																										
			9																										
			10																										
			11																										
			12																										
			13																										
			14																										
			15																										
			16																										
			17																										
			18																										
			19																										
			20																										
			21																										
			22																										
			23																										
			24																										

Comments :

River Sampling
Coppermine River