

VESSEL Northwest Explorer 2025		CRUISE ID NW2501				PROJECT & LEG NBS leg 1				CTD File Name			
CTD Cast #	LATITUDE		LONGITUDE		GMT DATE	(note if not GMT)		GMT Time	Surface Temp (°C)	Bottom Depth (m)	Station Number	STN. NAME/ID	
	DEG	MIN	DEG	MIN		DAY	MO					YR	HR
	60 0115	N	-167 184	W	02	09	25	23	14	24		CTD MAX. DEPTH = 20	
Sensor IDS (initially & swap-outs)		Weather:											
SBE type and S/N													
PRESS S/N													
TEMP 1 & 2 S/Ns													
COND 1&2 S/Ns													
FLUOR S/N													
O2 (SBE43) S/N													
Transmiss S/N													
PAR S/N													
O2 SBE42S/N													
COMMENT: Difficult conditions, factors that may affect measurements or aid processing													
<p>CTD not reading Salinity at first. Pulled back on board. Flushed pump. Secondary pump readings are good, primary delayed to work so trust secondary.</p> <p>CAT on bongo readings very off (reading 6M on deck) # eDNA vol 0027 10M 2.04 0030 10M 2.03 dropped filter or one replicate on floor</p>													
Nisk #	DEPTH	Rosette Notes		GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	eDNA	Forel Ule (check below if registered in log)	Stable Isotopes		Notes/ other samples
	DESIRED		Nut.Btl										
14	0	*1	500	500					X32*				BLANK VOL = 2.23 (0033)
23	10	2	500	500	500	500							
32	10	*12	500	500	500	500							Spilled ~5 ml
41	20	*3	500	500									
5													
6													
7													
8													

* Nutrient filter blasted through so may not have filtered

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CTD Cast #	LATITUDE		LONGITUDE		GMT DATE	(note if not GMT)		GMT Time	Surface Temp	BOTTOM DEPTH	STATION NUMBER	STN. NAME/ID	
5	DEG	MIN	DEG	MIN	DAY	MO	YR	HR	MIN	(°C)	(m)	5	
	60	.4992	N	-170	.997	W	04	09	25	1601			
Sensor IDS (initially & swap-outs)				Weather:								CTD MAX. DEPTH =	
SBE type and S/N				COMMENT: Difficult conditions, factors that may affect measurements or aid processing target vol=1.4L									
PRESS S/N				Niskin 4 fired but no water. When setting CTD, made sure btl didn't fire prematurely so very unclear how it fired, but collected no water.								eDNA (10ml)	
TEMP 1 & 2 S/Ns												1# VOL (L)	
COND 1&2 S/Ns												filter convex < 0053	
FLUOR S/N												hard to get into falcon	
O2 (SBE43) S/N												0054	
Transmiss S/N												1.51	
PAR S/N												0055	
O2 SBE42S/N												1.47	
												BLANK 0056	
												1.43	
												1.46	
												Filter convex and tipped going into falcon	
Nisk #	DEPTH	Rosette Notes		GFF vol	>10 Large Vol	GF/F dup vol	>10 dup vol (large)	Preserved Phyto (formalin)	eDNA	Forel Ule (check below if registered in log)	Stable Isotopes	Notes/ other samples	
	DESIRED	Nut.Btl											
1	50			500	500					✓			
2	40			500	500								
3	30			500	500								
4	20	no water in niskin								-			
5	10			500	500			✓	✓	✓			
6	10	niskin didn't fire											
7	0			500	500								
8													
9													
10													
11													
12													

