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INFORMACION BASICA SOBRE MUESTRAS DE BENTOS, SEDIMENTOS Y FACTORES ABIOTICOS EN LA PLATAFORMA CONTINENTAL DEL PERU ENTRE 1976 Y 1987

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Resúmen

Se presenta la información básica sobre un total de 455 estaciones en la plataforma continental peruana en las cuales se tomaron muestras de macrobentos. La información fue obtenida durante 13 cruceros con los barcos de investigación científica Humboldt, SNP-1 y Tareq-II así como con bolichera. Aparte de las informaciones básicas de las estaciones y los muestreos se proporcionan datos sobre el sedimento y factores abióticos de las aguas cercanas del fondo marino.

Abstract

Basic Information on Benthic Samples, Sediments and Abiotic Factors in the Peruvian Continental Shelf Between 1976 and 1987

Basic information is presented here for a total of 455 stations on the Peruvian continental shelf, in which macrobenthic samples were taken. The information was obtained during 13 cruises with the research vessels Humboldt, SNP-1 and Tareq-II, as well as with a purse-seiner. In addition to the basic information on each station and sampling, data on sediment and abiotic factors of near-bottom waters are presented.

1. INTRODUCCION

El objetivo de este trabajo es facilitar una base de datos sobre este ambiente para futuras publicaciones sobre el macrozoobentos de la plataforma peruana. Actualmente se ha publicado relativamente poco sobre este tema y mayormente solo existen informes internos del IMARPE.

2. MATERIALES Y METODOS

Entre 1976 y 1987 se realizaron trece cruceros en los cuales se tomaron muestras del fondo del mar y de las aguas cercanas del fondo. Diez cruceros fueron realizados con el BIC Humboldt, uno con el BIC SNP-1, el BIC Tareq-II y una bolichera, respectivamente.

Las muestras del fondo del mar se tomaron con una draga van Veen de 0.1 m² de cobertura. En las estaciones de pesca normalmente se tomaron dos muestras, mientras que en los transectos entre 25 y 500 m de profundidad, mayormente tres muestras por estación (hasta 10 muestras, solo en octubre de 1980).

De las muestras se separaron submuestras para los análisis del sedimento; la submuestra para la determinación de la materia orgánica se conservó congelada. Todas las determinaciones se hicieron por duplicado. Para el análisis granulométrico se aplicó la técnica modificada de Krumbein y Pettijohn (1938). Para los análisis de materia orgánica total y carbonatos se utilizó el método de Dean Jr. (1974) y el carbón orgánico se determinó por medio del método de titulación Walke y Black, modificado por Gaudette et. al. (1974).

Las muestras de agua para la determinación de la salinidad y del oxígeno disuelto se obtuvieron con botellas Niskin aproximadamente entre 1-2 m sobre el fondo. Las temperaturas fueron determinadas con termómetros reversibles calibrados a 0.01 °C. Las salinidades se determinaron con una precisión de 0.001%.S utilizando, mayormente, un salinómetro Autosal y, esporádicamente, un salinómetro Plessey, previamente calibrados con agua standard de Copenhagen. Las muestras donde se obtuvieron valores dudosos fueron analizadas nuevamente usando el método argentométrico (titulación). Los valores de oxígeno disuelto se obtuvieron por medio del método Winkler, efectuado siempre a bordo.

Para la tabulación de los datos y el diseño de los mapas se utilizó una microcomputadora con los programas Lotus 123 y Autocad.

3. REFERENCIAS

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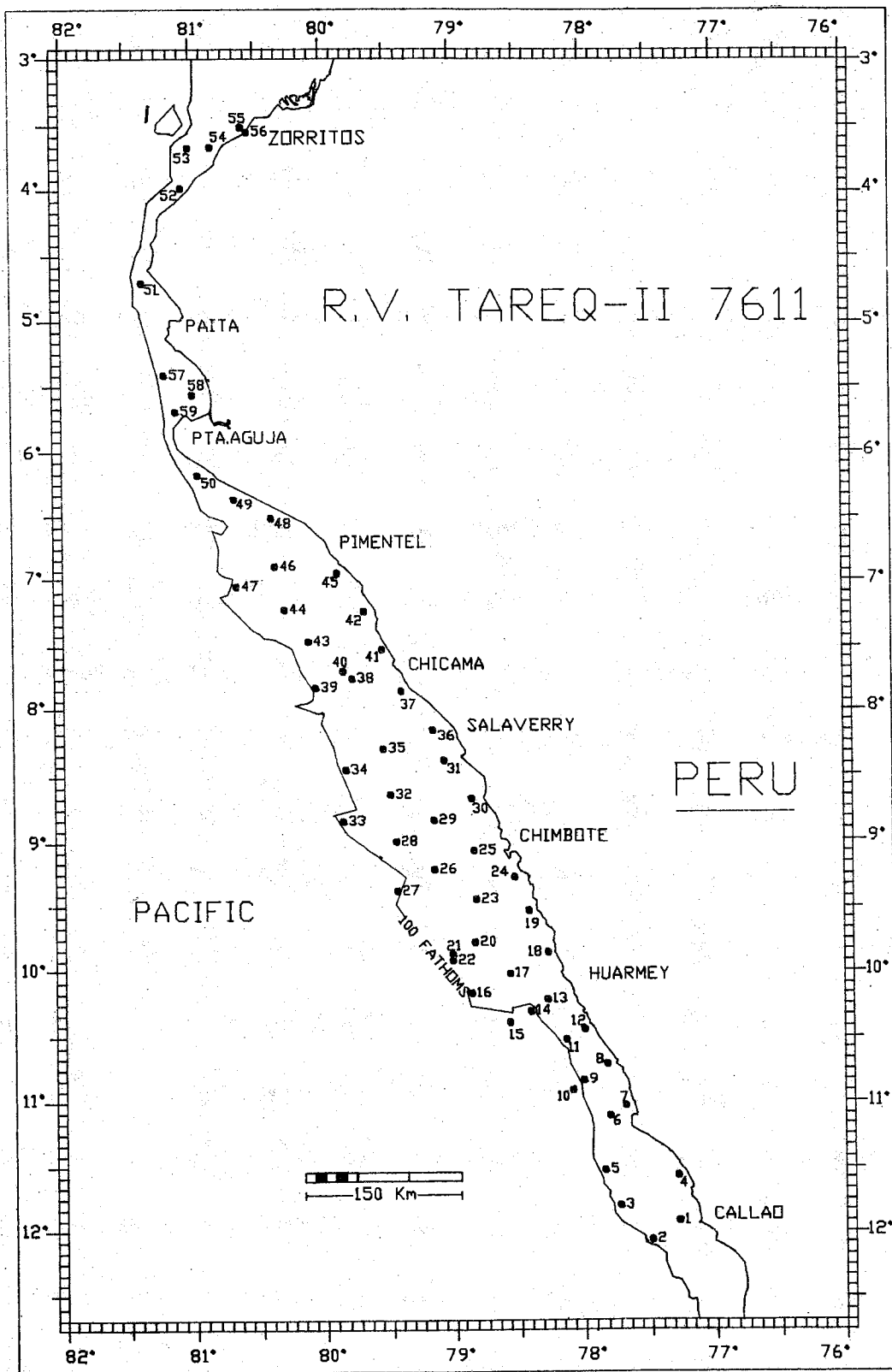


Fig. 1 : Sampling stations, Cruise 7611.
 Fig. 1 : Estaciones de muestreo, Crucero 7611.

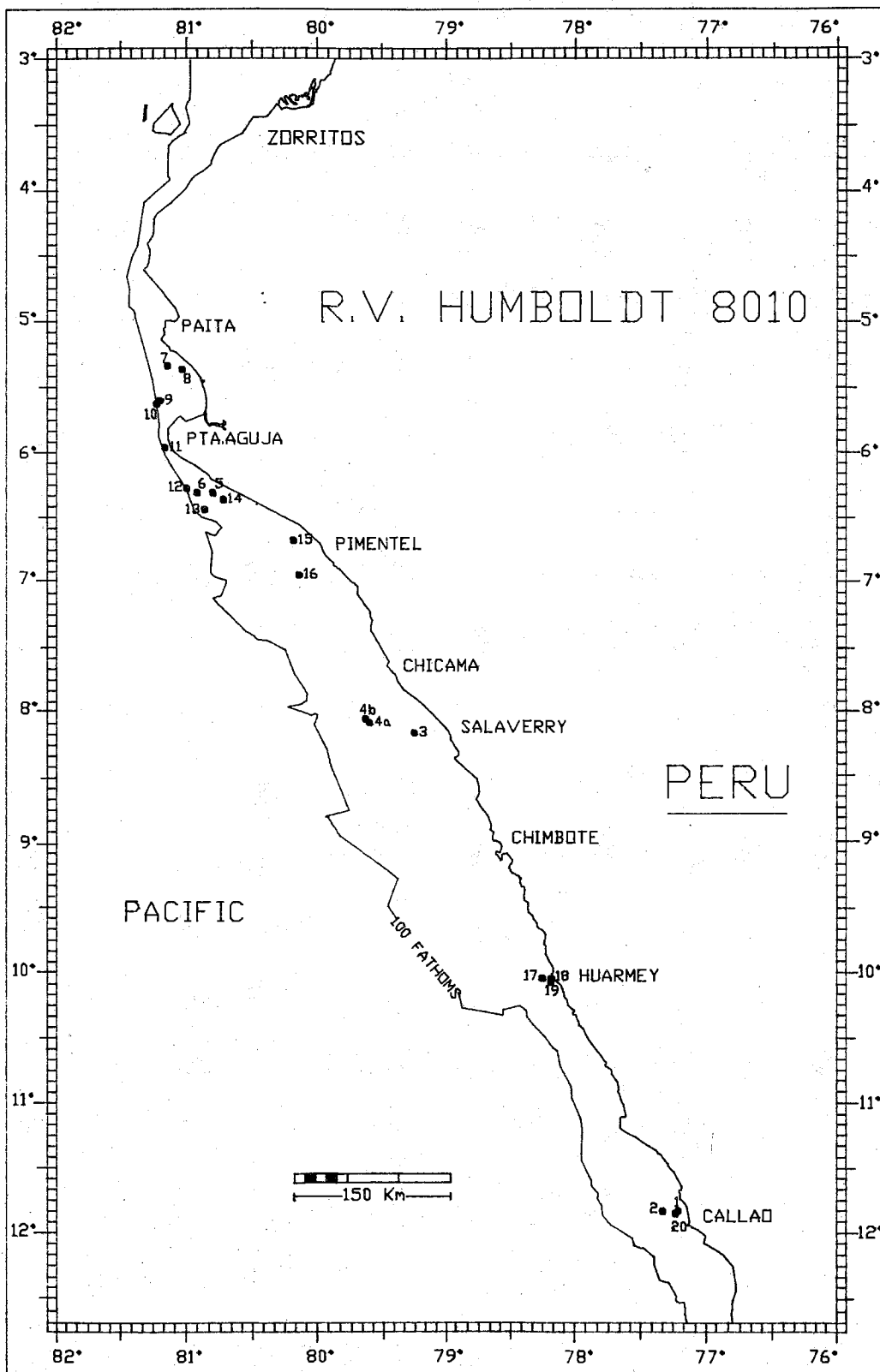


Fig. 2 : Sampling stations, Cruise 8010.
 Fig. 2 : Estaciones de muestreo, Crucero 8010.

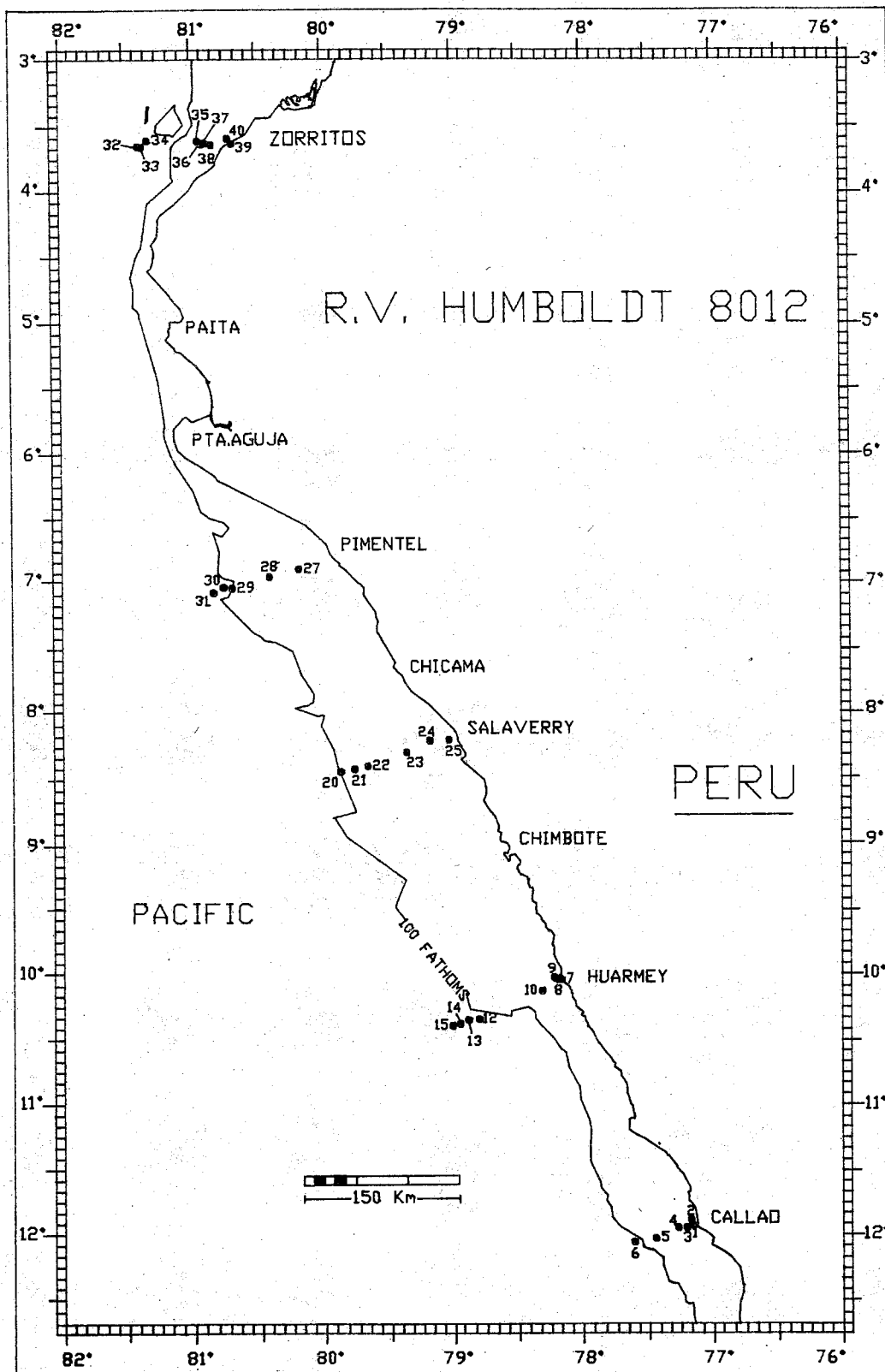


Fig. 3 : Sampling stations; Cruise 8012.
 Fig. 3 : Estaciones de muestreo, Crucera 8012.

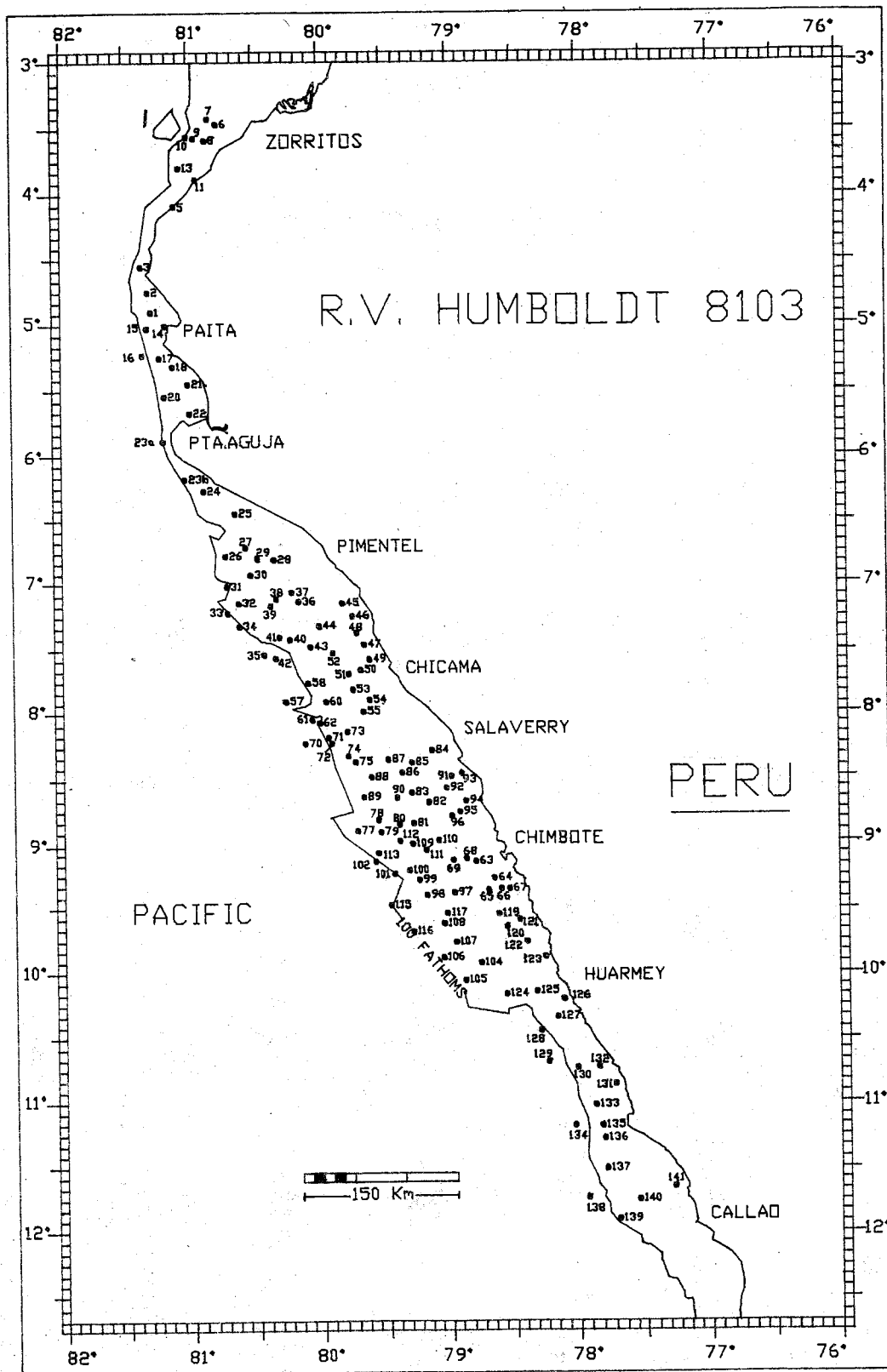


Fig. 4 : Sampling stations, Cruise 8103.
 Fig. 4 : Estaciones de muestreo, Crucero 8103.

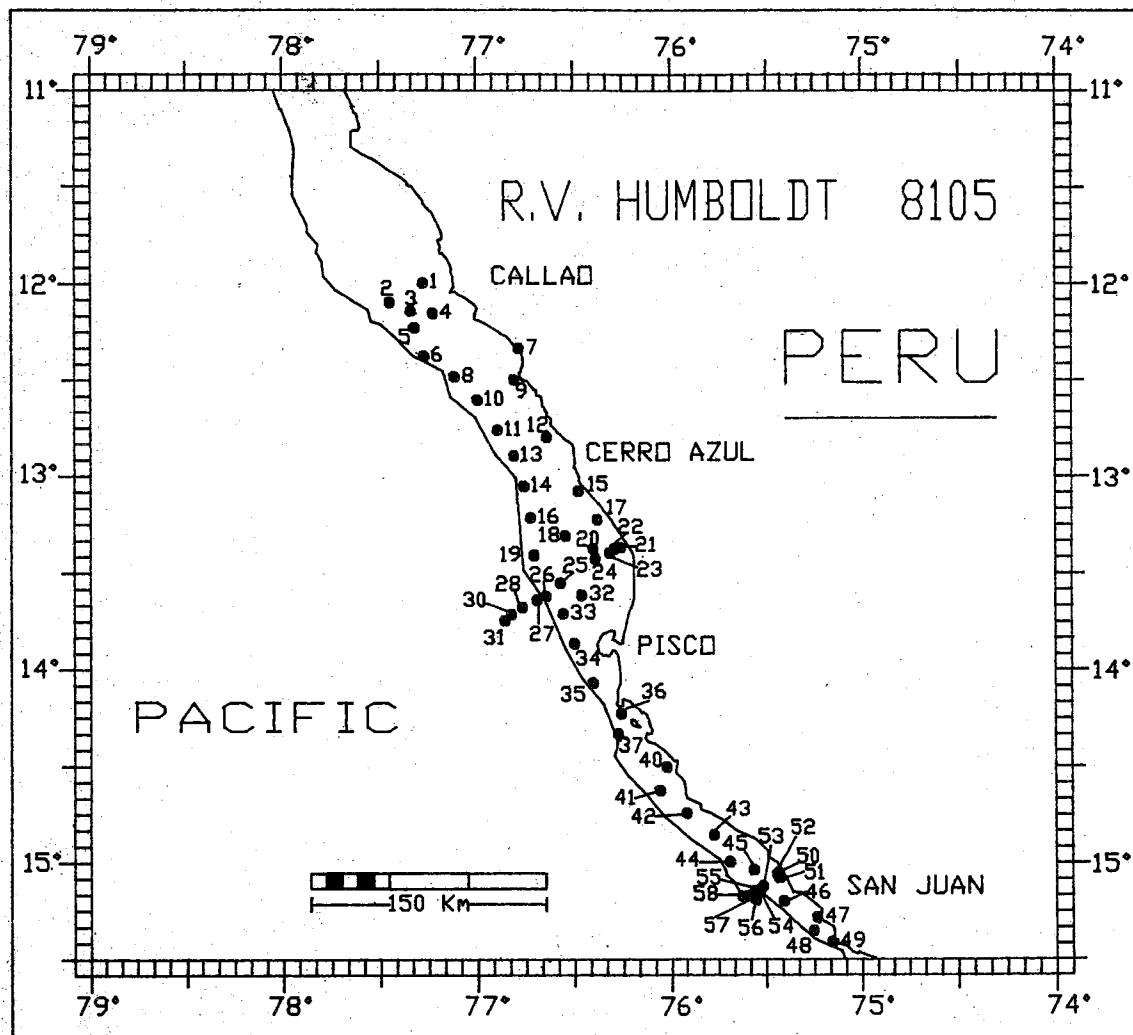


Fig. 5 : Sampling stations, Cruise 8105.
 Fig. 5 : Estaciones de muestreo, Crucero 8105.

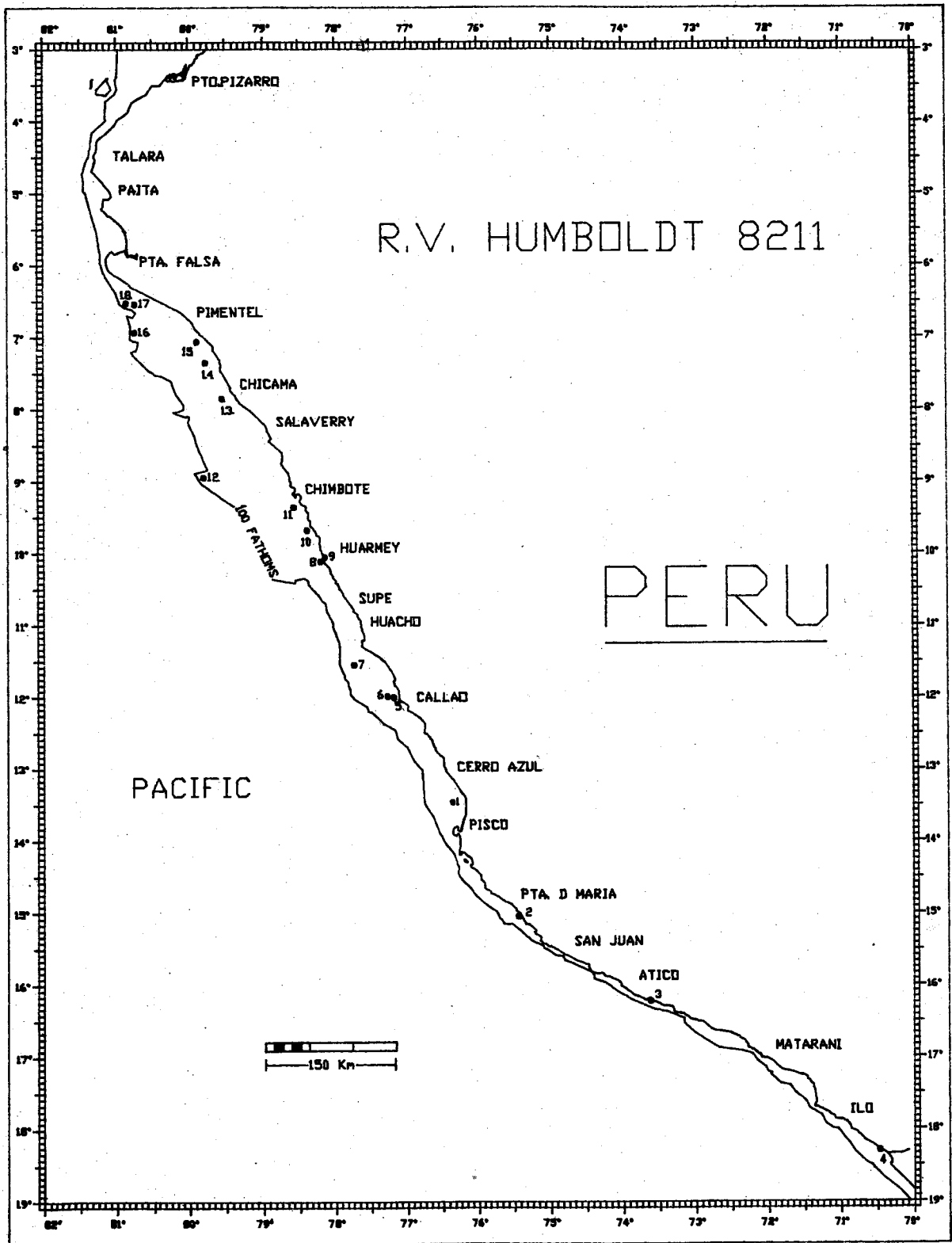


Fig. 6 : Sampling stations, Cruise 821.
 Fig. 6 : Estaciones de muestreo, Crucero 821.

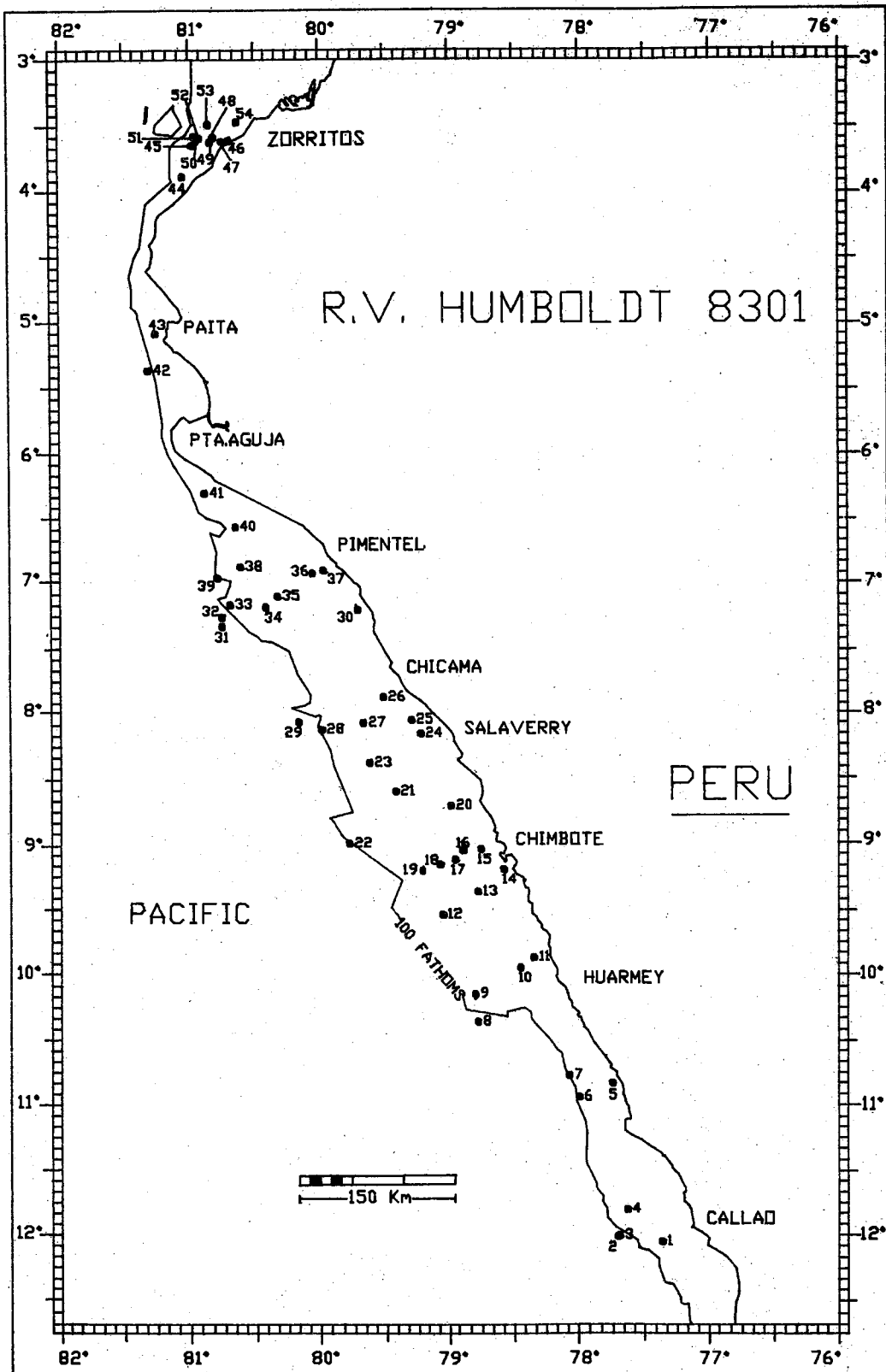


Fig. 7 : Sampling stations, Cruise 8301.

Fig. 7 : Estaciones de muestreo, Crucero 8301.

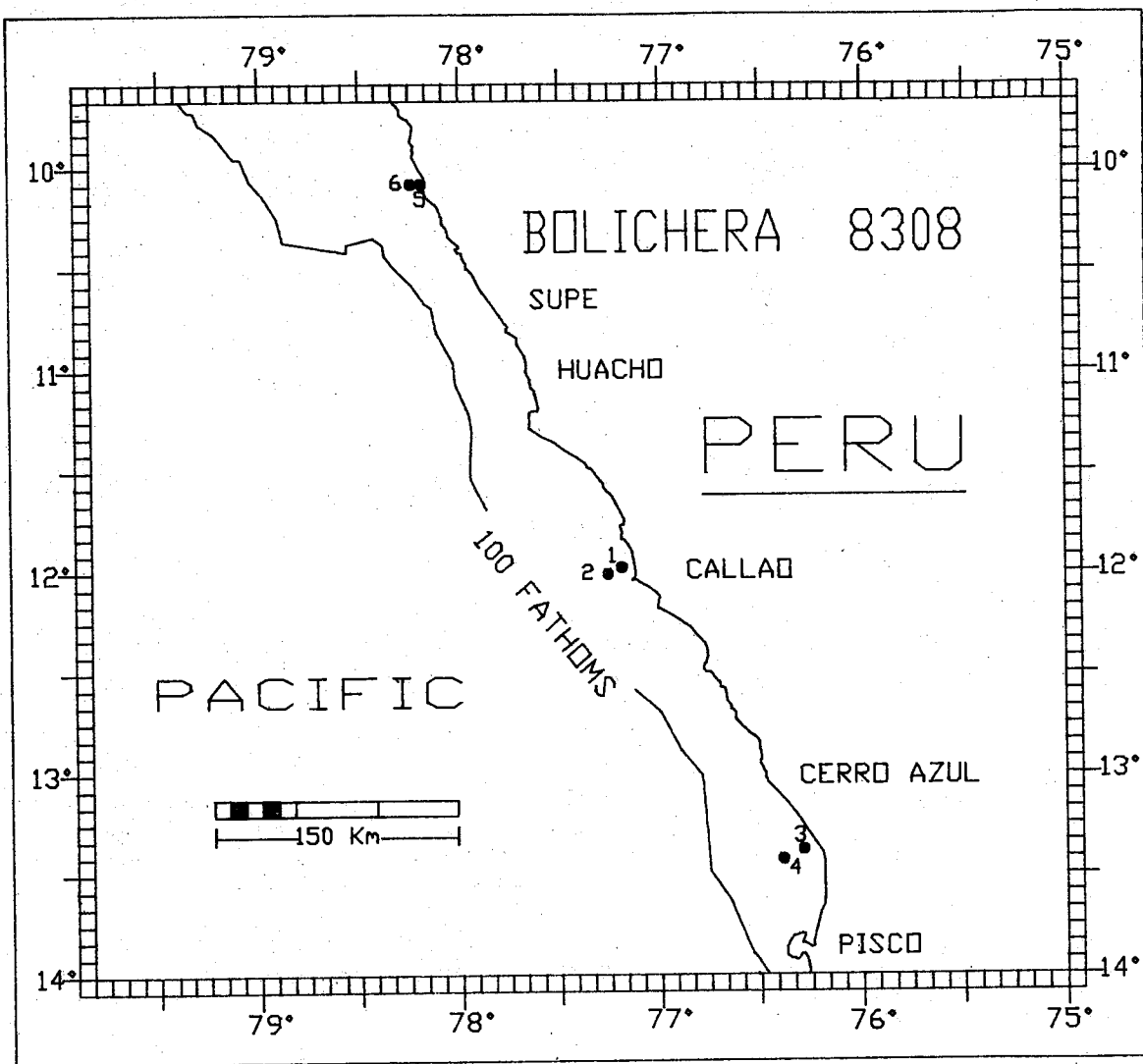


Fig. 8 : Sampling stations, Cruise 8308.
 Fig. 8 : Estaciones de muestreo, Crucero 8308.

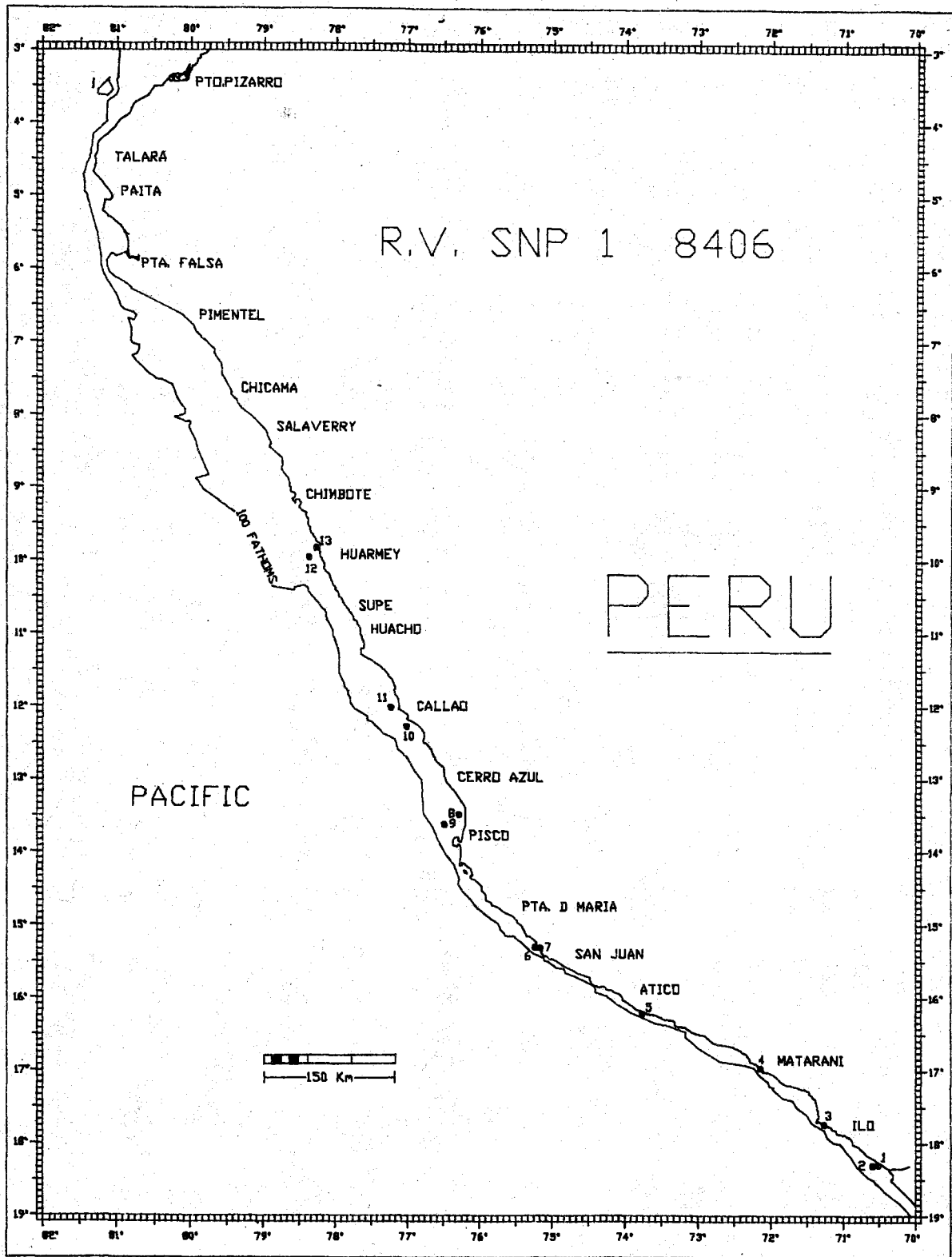


Fig. 9 : Sampling stations, Cruise 8406.
 Fig. 9 : Estaciones de muestreo, Crucero 8406.

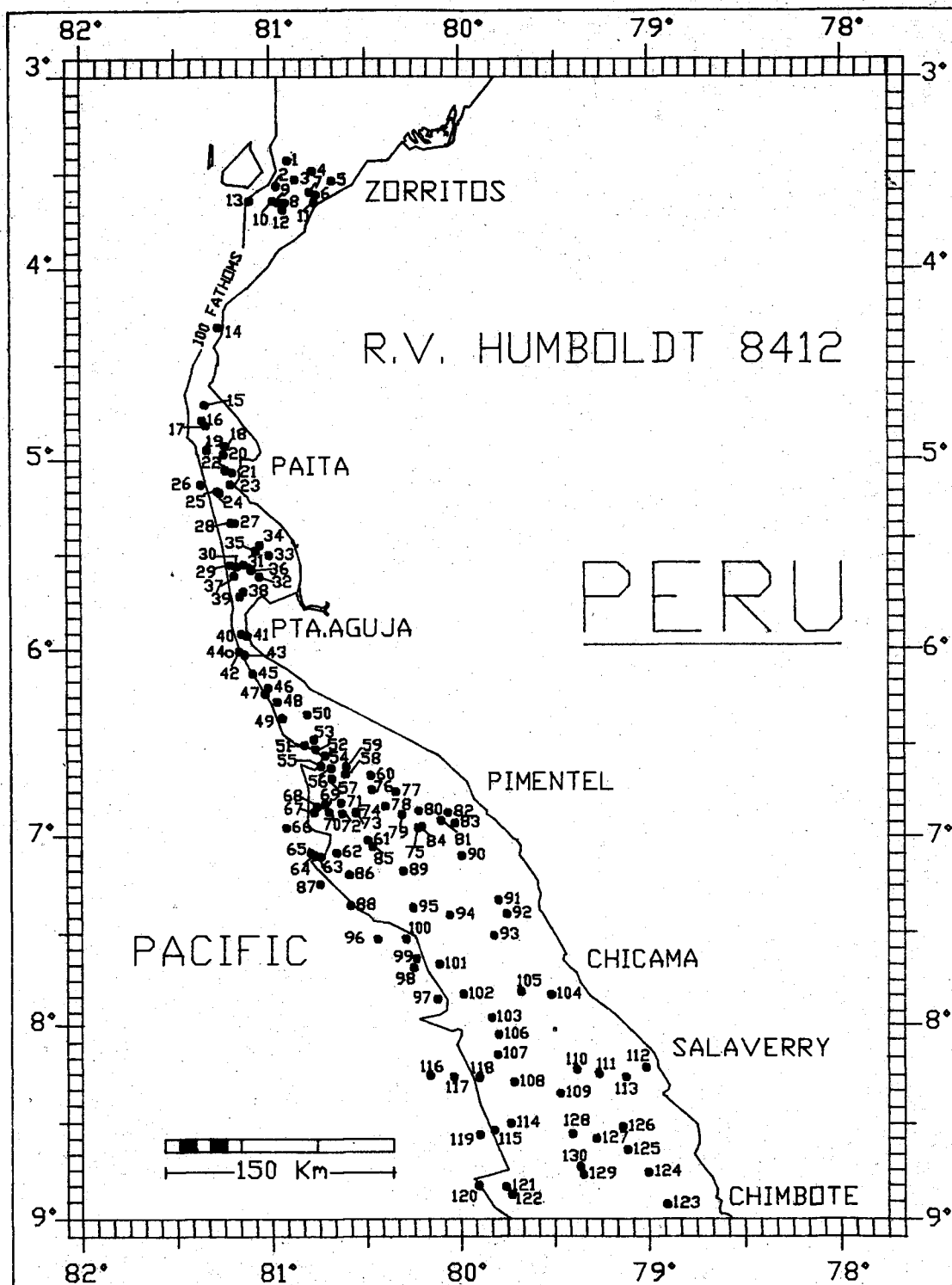


Fig. 10 : Sampling stations, Cruise 8412.
 Fig. 10 : Estaciones de muestreo, Crucero 8412.

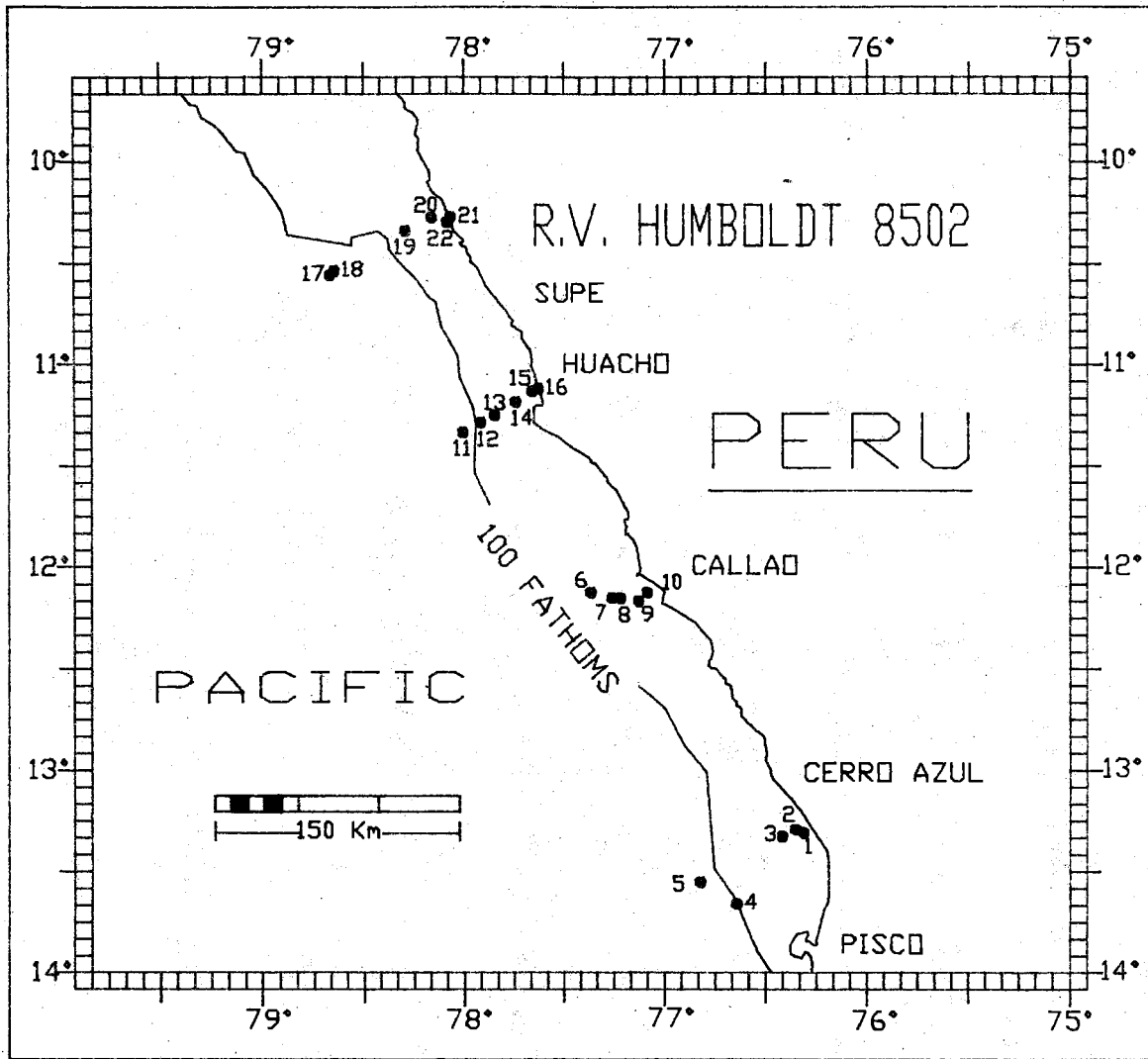


Fig. 11 : Sampling stations, Cruise 8502.
 Fig. 11 : Estaciones de muestreo, Crucero 8502.

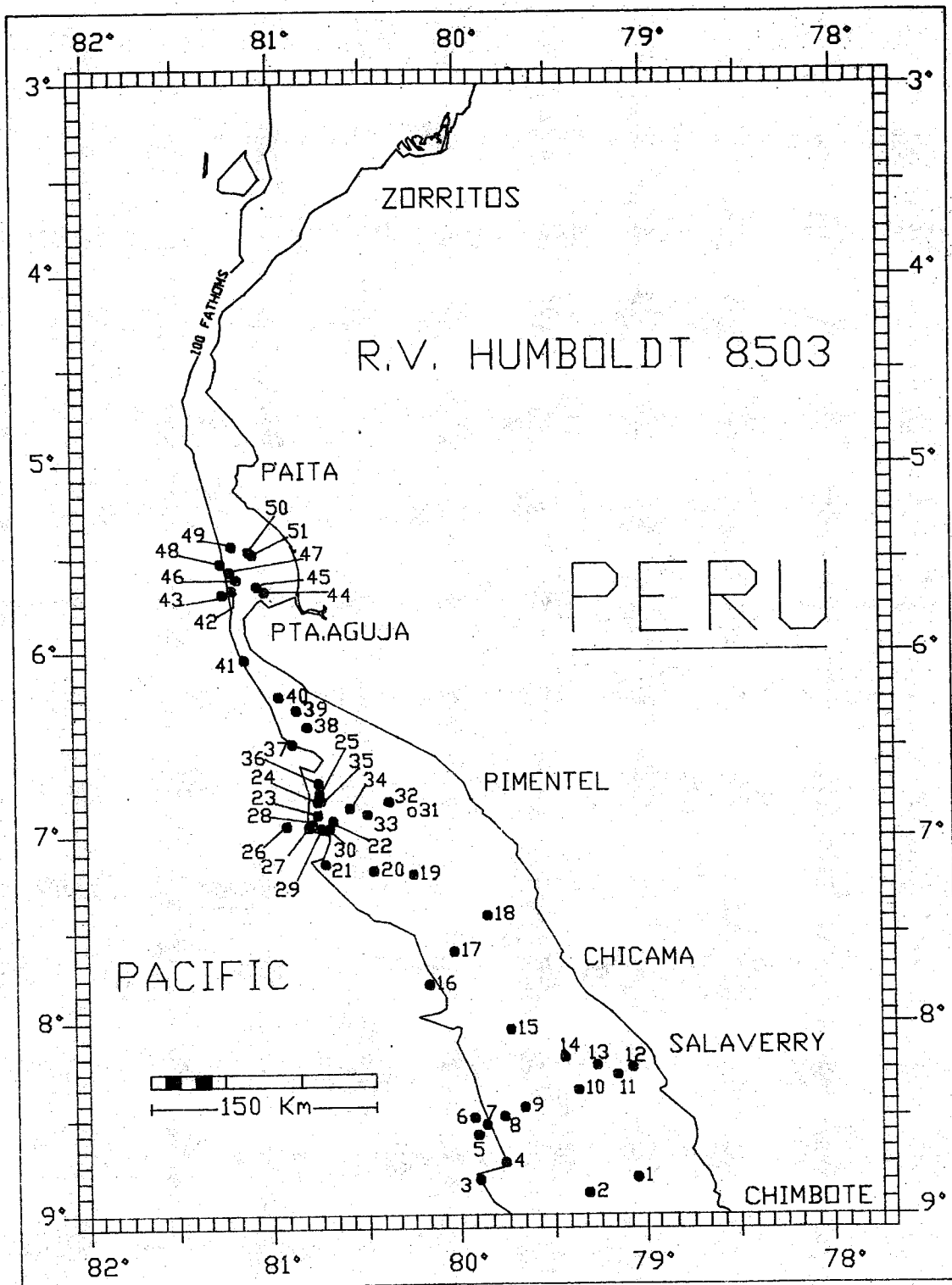


Fig. 12 : Sampling stations, Cruise 8503.
 Fig. 12 : Estaciones de muestreo, Crucero 8503.

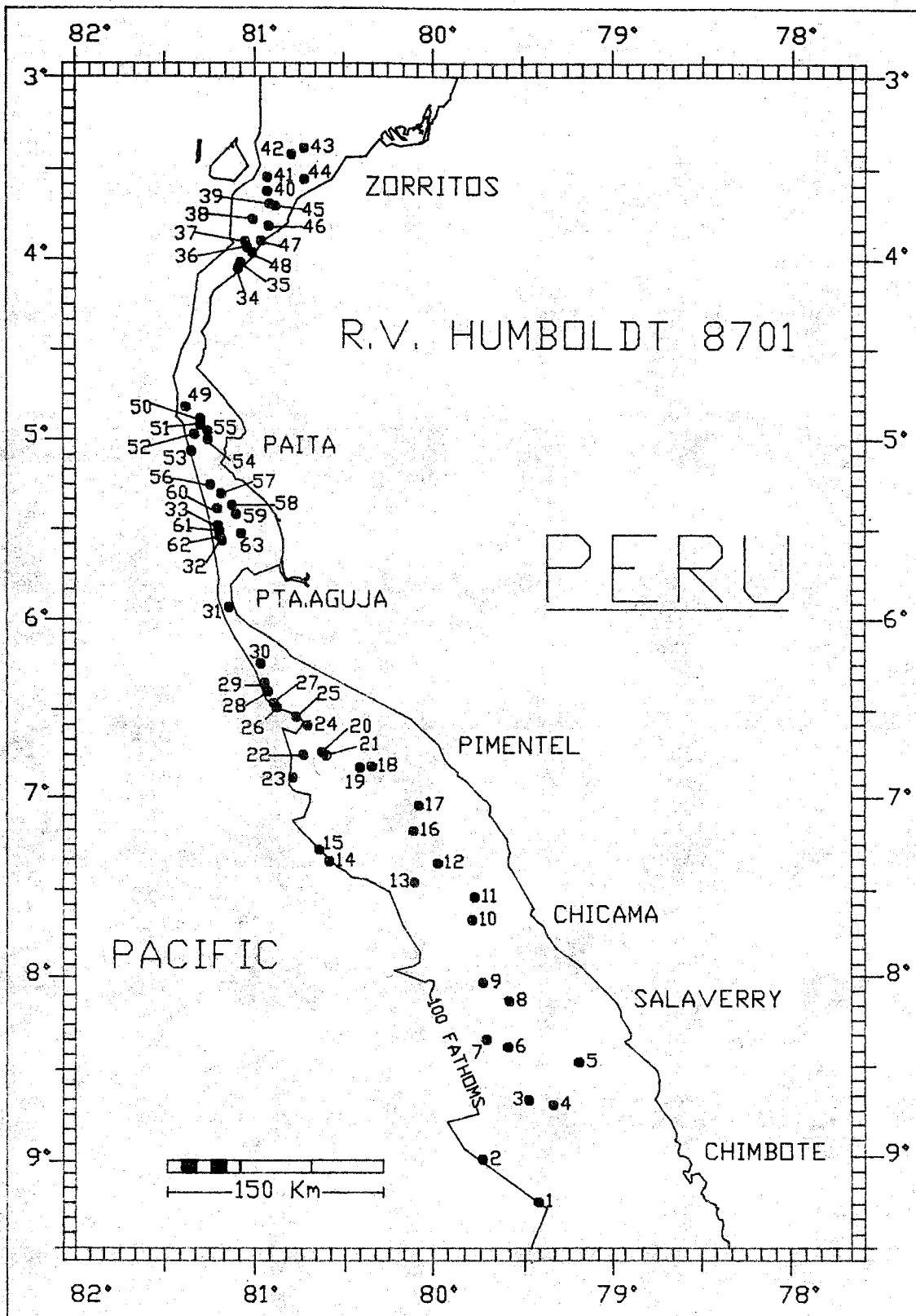


Fig. 13 : Sampling stations, Cruise 8701.
 Fig. 13 : Estaciones de muestreo, Crucero 8701.

LEGEND \ LEYENDA

* Station = Estación

Type = Tipo :

P = After Fishing Trawl / Después de Pesca
 Z = Transect / Perfil ZORRITOS
 Pm = Transect / Perfil PIMENTEL
 S = Transect / Perfil SALAVERRY
 L = Transect / Perfil LOBOS DE TIERRA
 Hy = Transect / Perfil HUARMEY
 C = Transect / Perfil CALLAO
 Ps = Transect / Perfil PISCO
 J = Transect / Perfil SAN JUAN
 Ho = Transect / Perfil HUACHO

* Date = Fecha

* Location = Localización

Latitude = Latitud

Longitude = Longitud

* Depth (meters) = Profundidad (metros)

* Grab = Dragado

Nr. = Number of grabs taken / Número de dragados

% Content = % Contenido

Mean, Min, Max = Mean, minimum and maximum content /
 Contenido promedio, mínimo y máximo

* Sediment = Sedimento

Type = Tipo :

Csd = Coarse sand / Arena gruesa

Msd = Medium sand / Arena media

Fsd = Fine sand / Arena fina

Vfsd = Very fine sand / Arena muy fina

Silt = Fango

Md = Grain Mean Diameter (micrometers) / Diametro promedio de partícula (micrometros)

OS % = Percent of Organic Substance / Porcentaje de Sustancia Orgánica

OC % = Percent of Organic Carbon / Porcentaje de Carbono Orgánico

CaCO % = Percent of Calcium Carbonate / Porcentaje de Carbonato de Calcio

3

* Temp = Temperature (°C) / Temperatura (°C)

* O = Oxygen (milliliters per liter) / Oxígeno (mililitros por litro)

2

* Sal = Salinity (parts per thousand) / Salinidad (partes por mil)

TAB. 1 : R.V. TAREQ-II, CRUISE 7611 / R/C TAREQ-II, CRUCERO 7611 (10.11 - 01.12.1976)

STATION Nr.	DATE 1976	LOCATION		DEPTH m	GRAB Nr.	Content			SEDIMENT				TEMP		SAL ‰		
		Latitude S	Longitude W			Mean	Min	Max	Type	Md µm	Silt %	OS %	OC %	CaCO ₃ %		°C	‰
1	P	10.11.	11°59.0'	77°18.3'	105	1	100	-	-	-	-	-	-	-	14.4	1.6	34.89
2	P	10.11.	12°07.9'	77°30.8'	155	1	100	-	-	-	-	-	-	-	14.4	0.38	34.97
3	P	11.11.	11°51.9'	77°45.3'	162	1	50	-	-	-	-	-	-	-	13.8	0.25	34.97
4	P	11.11.	11°37.9'	77°18.6'	50	1	50	-	-	-	-	-	-	-	20.0	5.1	35.28
5	P	12.11.	11°35.5'	77°52.3'	170	1	75	-	-	-	-	-	-	-	12.3	0.34	34.86
6	P	12.11.	11°10.3'	77°49.7'	125	1	75	-	-	-	-	-	-	-	13.0	0.82	35.2
7	P	12.11.	11°05.5'	77°42.4'	55	1	100	-	-	-	-	-	-	-	19.5	4.75	35.55
8	P	12.11.	10°46.3'	77°50.8'	25	1	35	-	-	Vfsd	77	18.2	-	-	21.8	4.95	35.55
9	P	13.11.	10°53.8'	78°01.8'	165	1	100	-	-	Silt	<63	88.2	-	-	13.2	0.73	35.19
10	P	13.11.	10°58.5'	78°06.8'	240	1	100	-	-	-	-	-	-	-	11.7	0.55	35.47
11	P	14.11.	10°34.8'	78°09.6'	140	1	100	-	-	-	-	-	-	-	14.3	0.78	35.26
12	P	14.11.	10°30.2'	78°01.0'	100	1	100	-	-	-	-	-	-	-	15.1	0.78	35.26
13	P	14.11.	10°16.4'	78°18.2'	165	1	50	-	-	-	-	-	-	-	-	-	-
14	P	14.11.	10°21.9'	78°25.9'	200	1	10	-	-	-	-	-	-	-	14.3	0.38	35.01
15	P	14.11.	10°26.9'	78°35.6'	150	1	10	-	-	Fsd	135	25.4	-	-	15.2	1.07	35.01
16	P	14.11.	10°13.7'	78°53.0'	150	1	30	-	-	Fsd	150	17.9	-	-	14.3	0.78	35.26
17	P	15.11.	10°04.6'	78°35.4'	150	1	100	-	-	-	-	-	-	-	14.3	0.78	35.26
18	P	15.11.	09°54.9'	78°17.5'	90	1	100	-	-	-	-	-	-	-	-	-	-
19	P	15.11.	09°35.4'	78°26.4'	100	1	100	-	-	-	-	-	-	-	-	-	-
20	P	15.11.	09°50.1'	78°51.5'	145	1	80	-	-	-	-	-	-	-	-	-	-
21	P	15.11.	09°55.6'	79°01.8'	165	1	20	-	-	-	-	-	-	-	-	-	-
22	P	16.11.	09°58.6'	79°01.8'	182	1	100	-	-	-	-	-	-	-	14.3	0.38	35.01
23	P	16.11.	09°30.1'	78°50.8'	120	1	50	-	-	-	-	-	-	-	15.0	1.07	35.01
24	P	16.11.	09°19.8'	78°32.9'	90	1	100	-	-	-	-	-	-	-	16.1	0.24	35.06
25	P	18.11.	09°07.5'	79°51.7'	90	1	40	-	-	-	-	-	-	-	16.1	0.24	35.06
26	P	18.11.	09°16.3'	79°10.0'	130	1	100	-	-	Silt	<63	58.9	-	-	-	-	-
27	P	18.11.	09°26.3'	79°27.6'	165	1	75	-	-	Fsd	162	19.3	-	-	-	-	-
28	P	18.11.	09°03.3'	79°28.0'	110	1	10	-	-	-	-	-	-	-	15.8	0.72	35.06
29	P	19.11.	08°53.4'	79°09.9'	98	1	50	-	-	-	-	-	-	-	15.7	0.91	35.04
30	P	19.11.	08°43.6'	78°52.3'	75	1	100	-	-	-	-	-	-	-	-	-	-
31	P	19.11.	08°25.6'	79°04.9'	60	1	30	-	-	Silt	<63	71.6	-	-	-	-	-
32	P	19.11.	08°41.6'	79°30.5'	100	1	25	-	-	Vfsd	91	21.3	-	-	15.7	0.72	35.04
33	P	19.11.	08°53.9'	79°52.7'	135	1	10	-	-	Fsd	160	14.2	-	-	15.7	0.91	35.05
34	P	19.11.	08°30.0'	79°51.3'	175	1	100	-	-	-	-	-	-	-	-	-	-
35	P	20.11.	08°20.2'	79°33.7'	95	1	100	-	-	-	-	-	-	-	15.4	0.72	35.04
36	P	20.11.	08°11.8'	79°10.1'	45	1	100	-	-	-	-	-	-	-	17.4	-	-
37	P	22.11.	07°53.8'	79°25.1'	25	1	100	-	-	-	-	-	-	-	20.1	4.02	35.13
38	P	22.11.	07°47.9'	79°48.1'	138	1	50	-	-	-	-	-	-	-	16.0	1.3	35.1
39	P	23.11.	07°52.1'	80°05.1'	150	1	30	-	-	Vfsd	112	40.6	-	-	15.3	1.12	35.09
40	P	23.11.	07°44.4'	79°52.2'	100	1	20	-	-	-	-	-	-	-	15.6	0.82	35.07
41	P	23.11.	07°34.4'	79°33.8'	16	1	100	-	-	-	-	-	-	-	-	-	-
42	P	23.11.	07°16.7'	79°42.0'	40	1	50	-	-	-	-	-	-	-	-	-	-
43	P	25.11.	07°30.8'	80°08.4'	100	1	50	-	-	Vfsd	68	40.1	-	-	-	-	-
44	P	26.11.	07°16.0'	80°19.4'	85	1	50	-	-	-	-	-	-	-	17.4	2.47	34.8
45	P	26.11.	06°59.1'	79°54.4'	25	1	100	-	-	-	-	-	-	-	-	-	-

TAB. 1 (CONTINUED / CONTINUADO)

STATION Nr. Type	DATE 1976	LOCATION		DEPTH (m)	GRAB Nr. % Content	Type	SEDIMENT				CaCO ₃ %	TEMP		SAL	
		Latitude	Longitude				Mean	Min	Max	Md µm		Silt %	OS %		OC %
46 P	26.11.	06°56.0'	80°23.8'	58	1 100	-	Vfsd	81	23.5	-	-	-	18.5	2.4	34.94
47 P	26.11.	07°05.3'	80°41.7'	80	1 50	-	-	-	-	-	-	-	17.9	2.19	34.96
48 P	27.11.	06°33.7'	80°25.0'	25	1 100	-	Fsd	151	4.2	-	-	-	21.8	1.82	35.24
49 P	27.11.	06°24.8'	80°42.2'	21	1 50	-	-	-	-	-	-	-	21.7	4.95	35.15
50 P	27.11.	06°13.4'	80°59.1'	15	1 75	-	Silt	<63	77.8	-	-	-	20.8	4.2	34.98
51 P	29.11.	04°44.7'	81°24.1'	85	1 50	-	Vfsd	88	28.9	-	-	-	17.0	1.75	35.03
52 P	29.11.	04°01.0'	81°05.7'	95	1 100	-	-	-	-	-	-	-	-	-	-
53 P	30.11.	03°42.4'	81°02.3'	110	1 100	-	Silt	<63	51.5	-	-	-	-	-	-
54 P	30.11.	03°42.0'	80°52.0'	50	1 100	-	-	-	-	-	-	-	19.6	3.3	34.68
55 P	30.11.	03°32.9'	80°37.7'	12	1 100	-	-	-	-	-	-	-	-	-	-
56 P	01.12.	03°35.2'	80°35.0'	5	1 100	-	Silt	<63	78.2	-	-	-	-	-	-
57 P	02.12.	05°27.4'	81°14.3'	80	1 100	-	Silt	<63	62.7	-	-	-	16.9	2.3	35.0
58 P	02.12.	05°36.2'	81°01.3'	50	1 100	-	-	-	-	-	-	-	18.5	3.28	34.94
59 P	02.12.	05°44.1'	81°09.3'	75	1 75	-	-	-	-	-	-	-	-	-	-

TAB. 2 : R.V. HUMBOLDT, CRUISE 8010 / BIC HUMBOLDT, CRUCERO 8010 (30.09 - 12.10.1980)

STATION Nr.	DATE 1980	LOCATION		DEPTH m	GRAB Nr.	CONTENT			Type	SEDIMENT					TEMP °C	O ml/l	SAL ‰
		Latitude	Longitude			Mean	Min	Max		Md µm	Silt %	OS %	OC %	CaCO ₃ %			
1	C	30.09.	11°53.4'	77°13.7'	50	5	52	10	100	-	-	-	16.3	4.3	16.0	-	-
2	C	30.09.	11°53.6'	77°20.8'	100	10	98	75	100	-	-	-	14.1	-	10.9	13.3	-
3	S	01.10.	08°12.2'	79°16.2'	50	10	100	-	-	Fsd	80	41.0	5.4	1.8	5.0	14.4	-
4a	S	01.10.	08°07.5'	79°37.4'	100	4	82	25	100	-	-	-	-	-	14.5	0.31	-
4b	S	01.10.	08°05.7'	79°39.2'	100	6	71	25	100	Vfsd	74	30.2	4.2	2.2	4.7	-	-
5	L	03.10.	06°21.0'	80°49.5'	50	10	100	-	-	Silt	<63	60.9	7.8	1.9	13.7	14.4	0.42
6	L	04.10.	06°21.0'	80°56.7'	100	10	100	-	-	Silt	<63	86.3	11.2	2.8	9.8	14.3	0.36
7	P	07.10.	05°22.5'	81°10.0'	51	1	50	-	-	-	-	-	-	-	-	1.57	-
8	P	07.10.	05°24.3'	81°03.2'	20	1	100	-	-	-	-	-	-	-	-	1.51	-
9	P	07.10.	05°38.4'	81°14.0'	100	1	100	-	-	-	-	-	-	-	14.7	0.74	-
10	P	07.10.	05°39.9'	81°15.4'	220	1	75	-	-	-	-	-	-	-	13.7	0.61	-
11	P	09.10.	06°00.0'	81°11.5'	100	1	100	-	-	Silt	<63	66.6	11.5	2.6	11.2	14.7	0.71
12	P	09.10.	06°19.0'	81°01.5'	205	1	100	-	-	-	-	-	2.5	-	14.3	0.67	-
13	P	10.10.	06°29.0'	80°53.1'	66	1	50	-	-	Vfsd	85	18.1	3.3	-	35.5	14.6	0.50
14	P	10.10.	06°24.2'	80°44.7'	20	1	25	-	-	Fsd	162	13.0	2.8	0.1	2.3	15.9	2.40
16	P	10.10.	06°43.2'	80°12.2'	25	1	50	-	-	-	-	-	1.2	0.1	2.4	14.8	0.87
17	P	10.10.	06°59.2'	80°09.8'	50	1	50	-	-	Fsd	143	12.2	1.9	0.5	1.8	14.5	0.39
18	Hy	11.10.	10°06.0'	78°16.1'	100	10	100	-	-	Silt	<63	50.5	12.9	4.1	10.0	14.1	0.26
19	Hy	11.10.	10°06.0'	78°11.1'	50	10	95	50	100	Silt	<63	84.8	7.2	1.7	6.7	13.9	0.45
20	C	12.10.	11°53.4'	77°13.7'	50	5	100	-	-	-	-	-	-	-	-	-	-

TAB. 3 : R.V. HUMBOLDT, CRUISE 8012 / BIC HUMBOLDT, CRUCERO 8012 (10.12 - 19.12.1980)

STATION Nr.	DATE 1980	LOCATION		DEPTH m	GRAB			Type	SEDIMENT				TEMP		SAL			
		Latitude	Longitude		Nr.	% Content	Mean		Min	Max	Md µ	Silt %	OS %	OC %		CaCO ₃ %	°C	ml/l
1	C	10.12.	11°59.0'	77°11.0'	28	3	100	-	-	Silt	<63	75.5	7.4	1.7	4.6	14.1	0.33	35.10
2	C	10.12.	11°59.6'	77°13.0'	45	3	100	-	-	Silt	<63	63.7	12.0	3.1	7.4	14.0	0.12	35.09
3	C	10.12.	12°00.5'	77°15.0'	75	3	100	-	-	Silt	<63	67.8	13.3	-	6.8	13.8	0.29	35.07
4	C	10.12.	12°01.5'	77°17.5'	100	3	100	-	-	Vfsd	88	43.8	14.3	5.2	7.6	13.6	0.34	35.08
5	C	10.12.	12°05.5'	77°28.0'	150	3	45	10	100	Silt	<63	67.5	7.5	-	5.1	13.3	0.28	35.07
6	C	10.12.	12°07.2'	77°37.7'	200	3	83	50	100	-	-	-	25.3	8.1	12.8	13.3	0.26	35.07
7	Hy	11.12.	10°05.9'	78°11.5'	49	3	75	25	100	Silt	<63	71.8	-	1.9	-	14.0	0.35	35.10
8	Hy	11.12.	10°05.9'	78°13.2'	75	3	100	-	-	Silt	<63	62.4	12.9	0.9	11.2	13.7	0.21	35.08
9	Hy	11.12.	10°06.0'	78°14.5'	100	3	100	-	-	Silt	<63	87.4	-	3.6	-	13.7	0.25	35.08
10	Hy	11.12.	10°11.5'	78°21.0'	150	3	57	20	100	Vfsd	68	41.0	5.7	1.7	3.7	13.4	0.36	35.07
12	Hy	11.12.	10°24.5'	78°52.1'	300	2	9	5	13	Fsd	164	13.7	11.1	2.3	56.8	12.6	0.32	35.04
13	Hy	11.12.	10°25.1'	78°54.4'	420	1	10	-	-	Vfsd	81	47.7	15.9	4.9	10.2	9.3	0.41	34.95
14	Hy	11.12.	10°26.7'	78°58.6'	810	2	100	-	-	-	-	-	-	-	6.0	0.83	34.71	
15	Hy	11.12.	10°27.6'	79°02.1'	1007	1	25	-	-	-	-	-	-	-	4.9	1.29	34.71	
20	S	13.12.	08°29.9'	79°53.8'	200	2	25	25	25	Vfsd	93	31.6	12.4	2.4	47.2	13.7	0.30	35.06
21	S	13.12.	08°28.6'	79°47.6'	150	3	67	50	75	Vfsd	73	26.8	5.3	1.3	3.0	13.9	0.29	35.07
22	S	13.12.	08°27.1'	79°41.3'	100	3	33	25	50	Vfsd	69	32.5	4.9	1.1	3.0	14.0	0.34	35.07
23	S	13.12.	08°20.7'	79°23.1'	75	3	40	20	50	-	-	-	-	-	14.2	0.42	35.08	
24	S	13.12.	08°15.8'	79°12.2'	50	3	100	-	-	Vfsd	64	48.6	8.6	-	5.5	14.2	0.37	35.09
25	S	13.12.	08°15.0'	79°03.0'	25	3	100	-	-	Silt	<63	77.2	8.0	1.8	4.2	14.3	0.36	35.09
27	Pm	14.12.	06°56.2'	80°12.9'	50	3	20	10	30	Fsd	116	15.6	2.9	0.7	2.6	14.7	0.49	35.10
28	Pm	14.12.	06°59.8'	80°26.3'	72	3	67	50	75	Vfsd	99	16.3	4.6	1.3	7.6	14.7	0.31	35.11
29	Pm	14.12.	07°05.0'	80°44.0'	100	4	13	10	20	Vfsd	76	26.4	8.0	1.1	4.0	14.4	0.53	35.09
30	Pm	14.12.	07°04.5'	80°48.0'	310	2	15	10	20	-	-	-	11.7	3.0	5.8	12.0	0.36	34.95
31	Pm	14.12.	07°07.0'	80°52.5'	1035	1	100	-	-	-	-	-	-	-	4.9	1.34	34.64	
32	Z	16.12.	03°41.1'	81°25.1'	1060	3	92	75	100	-	-	-	16.9	3.1	8.8	-	1.64	34.68
33	Z	16.12.	03°41.4'	81°23.6'	758	2	100	-	-	Msd	135	40.2	12.9	1.6	12.2	-	-	-
34	Z	16.12.	03°38.5'	81°20.9'	460	1	75	-	-	Msd	279	8.9	8.6	0.7	52.5	-	-	-
35	Z	17.12.	03°38.7'	80°58.0'	200	2	75	50	100	Silt	<63	85.3	8.0	1.4	4.2	14.1	1.26	35.05
36	Z	17.12.	03°40.3'	80°56.2'	150	3	100	-	-	Silt	<63	59.2	5.4	0.8	7.8	14.9	1.07	35.07
37	Z	17.12.	03°39.6'	80°55.0'	100	3	40	10	100	-	-	-	-	-	14.9	1.16	35.07	
38	Z	17.12.	03°40.4'	80°52.0'	75	3	100	-	-	Silt	<63	89.2	8.6	1.8	5.3	15.2	1.05	35.05
39	Z	17.12.	03°40.1'	80°42.4'	50	3	100	-	-	Vfsd	70	49.0	9.6	1.4	7.0	18.5	2.81	35.10
40	Z	17.12.	03°40.3'	80°45.0'	25	3	100	-	-	Silt	<63	84.5	8.5	0.7	5.7	21.5	3.87	34.04

TAB. 4 : R.V. HUMBOLDT, CRUISE B103-04 / BIC HUMBOLDT, CRUCERO B103-04 (11.03 - 14.04.1981)

STATION Nr.	DATE 1981	LOCATION		DEPTH m	GRAB			Type	SEDIMENT				TEMP °C	D ml/l	SAL ‰		
		Latitude S	Longitude W		Nr.	% Content Mean Min Max	Md µm		Silt %	OS %	OC %	CaCO ₃ %					
1	P	16.03.	04°56.0'	81°18.8'	72	1	-	-	Silt	<63	96.7	5.9	1.1	5.8	-	0.83	-
2	P	16.03.	04°46.8'	81°20.3'	69	1	-	-	Silt	<63	87.1	4.6	0.6	4.3	15.8	1.35	-
3	-	16.03.	04°35.0'	81°23.5'	91	1	-	-	Silt	<63	59.5	2.8	0.4	3.9	-	-	-
5	P	16.03.	04°07.0'	81°08.0'	92	1	-	-	Silt	<63	78.2	5.7	0.8	6.8	15.8	1.20	-
6	P	17.03.	03°29.5'	80°48.0'	62	1	-	-	-	-	-	4.8	0.7	5.8	16.2	1.56	-
7	P	17.03.	03°27.0'	80°52.0'	90	1	-	-	Fsd	234	10.3	3.2	0.2	8.7	16.4	1.57	-
8	P	17.03.	03°37.0'	80°53.5'	86	1	-	-	-	-	-	4.8	0.7	6.3	16.4	1.38	-
9	P	17.03.	03°36.0'	80°58.6'	356	1	-	-	-	-	-	-	-	11.6	0.68	-	
10	P	17.03.	03°37.0'	81°06.2'	359	1	-	-	Silt	<63	88.8	15.1	3.0	11.0	-	-	-
11	P	18.03.	03°55.0'	80°57.8'	64	1	-	-	Silt	<63	95.8	7.5	1.4	6.4	15.9	0.87	-
13	P	18.03.	03°49.6'	81°05.7'	255	1	-	-	Silt	<63	62.3	5.9	1.0	5.7	13.3	0.62	-
14	P	19.03.	05°02.7'	81°08.8'	42	1	-	-	Silt	<63	86.4	7.2	1.3	4.4	17.0	1.14	-
15	P	19.03.	05°03.5'	81°20.8'	145	1	-	-	Silt	<63	85.3	6.7	1.1	4.2	15.3	1.00	-
16	P	19.03.	05°15.8'	81°23.0'	187	1	-	-	-	-	-	3.4	1.1	5.5	15.0	0.78	-
17	P	19.03.	05°17.0'	81°15.0'	95	1	-	-	Vfsd	91	19.7	2.7	0.6	2.0	16.1	1.46	-
18	P	19.03.	05°21.0'	81°08.8'	51	1	50	-	Silt	<63	57.6	2.3	0.6	1.9	16.0	1.10	-
20	P	19.03.	05°34.7'	81°12.8'	96	1	50	-	Vfsd	102	16.7	1.9	0.4	2.4	15.5	1.22	-
21	P	20.03.	05°29.0'	81°01.8'	55	1	-	-	Silt	<63	57.0	2.6	0.7	2.1	15.6	0.52	-
22	P	20.03.	05°42.5'	81°01.2'	60	1	-	-	Vfsd	65	48.8	2.1	0.8	3.3	15.2	0.66	-
23a	P	20.03.	05°55.5'	81°13.7'	240	1	-	-	Silt	<63	63.2	11.8	1.0	6.3	14.8	0.47	-
23b	P	20.03.	06°13.3'	81°03.6'	40	1	-	-	-	-	-	-	-	16.2	0.88	-	
24	P	20.03.	06°18.8'	80°54.9'	47	1	-	-	Silt	<63	47.1	7.1	2.0	18.2	16.1	0.78	-
25	P	20.03.	06°29.3'	80°40.2'	37	1	-	-	Fsd	154	3.4	2.7	0.6	3.9	16.2	0.68	-
26	P	21.03.	06°49.0'	80°45.0'	132	1	-	-	-	-	-	4.2	1.4	3.4	14.1	0.37	-
27	P	21.03.	06°45.0'	80°35.4'	52	1	-	-	-	-	-	3.6	0.9	4.4	15.7	0.55	-
28	P	21.03.	06°50.6'	80°22.2'	46	1	-	-	Vfsd	91	14.1	4.1	-	4.2	16.7	0.45	-
29	P	21.03.	06°50.0'	80°30.0'	62	1	50	-	Vfsd	94	12.2	3.5	0.8	7.3	15.6	0.43	-
30	P	21.03.	06°57.7'	80°33.0'	78	1	-	-	Vfsd	93	21.7	5.2	1.4	22.7	15.4	0.62	-
31	P	22.03.	07°03.3'	80°44.4'	101	1	50	-	Fsd	138	9.8	3.3	0.9	20.4	14.8	0.51	-
32	P	22.03.	07°11.0'	80°39.0'	128	1	50	-	Vfsd	76	27.5	4.5	1.0	3.6	14.6	0.55	-
33	P	22.03.	07°15.4'	80°44.2'	138	1	25	-	Vfsd	107	9.2	5.0	1.0	39.4	13.8	0.38	-
34	P	22.03.	07°21.8'	80°38.7'	165	1	-	-	Vfsd	84	23.4	5.0	1.5	24.4	15.1	0.38	-
35	P	22.03.	07°35.0'	80°27.1'	306	1	-	-	-	-	-	6.6	2.0	3.9	9.1	0.51	-
36	P	23.03.	07°10.4'	80°11.0'	72	1	-	-	-	-	-	-	0.8	-	15.4	0.48	-
37	P	23.03.	07°06.0'	80°14.0'	66	1	-	-	Vfsd	100	15.7	4.2	1.1	3.8	15.5	0.37	-
38	P	23.03.	07°09.0'	80°21.4'	81	1	-	-	Vfsd	83	25.5	5.4	1.3	8.1	15.5	0.36	-
39	P	23.03.	07°12.3'	80°24.1'	100	1	-	-	-	-	-	7.2	2.0	10.3	15.1	0.43	-
40	P	23.03.	07°27.8'	80°15.0'	136	1	-	-	Vfsd	93	41.4	7.0	2.0	54.2	14.9	0.56	-
41	P	23.03.	07°28.4'	80°20.0'	160	1	-	-	Silt	<63	51.9	8.7	1.9	19.3	14.3	0.58	-
42	P	23.03.	07°36.5'	80°21.9'	251	1	-	-	-	-	-	9.6	3.4	4.5	12.9	0.36	-
43	P	24.03.	07°31.4'	80°05.5'	123	1	-	-	-	-	-	6.8	1.8	40.6	14.9	0.59	-
44	P	24.03.	07°21.5'	80°01.5'	88	1	50	-	Fsd	135	12.1	4.3	1.0	20.6	15.2	0.52	-
45	P	24.03.	07°11.0'	79°50.7'	50	1	-	-	Fsd	151	9.2	2.3	0.9	3.6	15.5	0.28	-
46	P	24.03.	07°17.0'	79°45.8'	56	1	-	-	Fsd	162	16.7	2.8	0.8	2.5	15.4	0.41	-
47	P	24.03.	07°30.4'	79°40.3'	63	1	-	-	-	-	-	3.0	1.1	3.3	15.2	0.42	-

TAB. 4 (CONTINUED / CONTINUADO)

STATION Nr.	DATE Type	LOCATION		DEPTH m	GRAB Nr.	CONTENT			SEDIMENT					TEMP		SAL ‰		
		Latitude S	Longitude W			Mean	Min	Max	Type	Md pw	Silt %	OS %	OC %	CaCO ₃ %	°C		ml/l	
48	P	24.03.	07°25.0'	79°43.8'	65	1	-	-	-	-	-	3.1	0.9	2.4	15.3	0.37	-	
49	P	25.03.	07°37.3'	79°38.0'	78	1	-	-	-	Vfsd	122	21.8	4.3	1.5	3.5	15.3	0.34	-
50	P	25.03.	07°42.2'	79°42.2'	100	1	-	-	-	Silt	<63	50.6	4.9	1.6	4.0	14.3	0.86	-
51	P	25.03.	07°44.0'	79°47.8'	109	1	-	-	-	-	-	-	6.4	1.9	3.7	15.2	0.63	-
52	P	25.03.	07°34.0'	79°55.2'	113	1	-	-	-	Silt	<63	50.5	-	-	-	15.3	0.21	-
53	P	25.03.	07°51.2'	79°45.8'	119	1	-	-	-	-	-	-	10.6	3.4	5.6	15.1	0.32	-
54	P	25.03.	07°56.0'	79°37.9'	82	1	-	-	-	Vfsd	71	36.2	4.3	1.4	3.2	15.1	0.36	-
55	P	25.03.	08°01.3'	79°41.0'	113	1	-	-	-	-	-	-	8.1	2.7	5.1	15.0	0.35	-
57	-	26.03.	07°56.6'	80°17.3'	223	1	35	-	-	Fsd	151	31.9	10.8	2.1	60.2	12.8	0.35	-
58	-	26.03.	07°48.0'	80°07.0'	174	1	-	-	-	-	-	-	12.7	3.6	40.8	14.8	0.38	-
60	-	26.03.	07°56.7'	79°58.8'	153	1	-	-	-	Vfsd	117	39.8	9.3	2.7	67.1	16.1	0.47	-
61	-	26.03.	08°05.0'	80°05.2'	164	1	50	-	-	Fsd	193	16.7	7.4	1.9	79.6	16.0	0.55	-
62	-	26.03.	08°06.5'	80°01.8'	168	1	50	-	-	Fsd	216	15.0	6.3	1.8	84.6	15.2	0.51	-
63	-	27.03.	09°11.2'	78°48.7'	87	1	-	-	-	-	-	-	4.7	1.7	2.0	15.2	0.47	-
64	-	27.03.	09°19.0'	78°40.0'	97	1	-	-	-	Fsd	142	15.9	4.6	1.7	1.6	15.5	0.42	-
65	-	27.03.	09°24.5'	78°43.0'	104	1	-	-	-	Vfsd	83	15.9	3.2	1.1	2.1	15.1	0.27	-
66	-	27.03.	09°23.9'	78°36.8'	95	1	-	-	-	Fsd	151	21.7	3.3	1.2	1.8	15.2	0.38	-
67	-	27.03.	09°24.0'	78°33.0'	89	1	-	-	-	Silt	<63	92.3	10.0	2.7	6.6	15.3	0.34	-
68	-	27.03.	09°09.8'	78°53.0'	94	1	-	-	-	Fsd	186	12.1	2.0	0.7	2.4	15.2	0.36	-
69	-	27.03.	09°10.5'	78°59.3'	101	1	-	-	-	Fsd	171	12.2	3.7	1.1	1.8	15.2	0.46	-
70	-	28.03.	08°16.1'	80°08.4'	216	1	-	-	-	Vfsd	101	40.8	-	-	-	13.7	0.31	-
71	-	28.03.	08°13.2'	79°57.5'	185	1	-	-	-	-	-	-	13.9	4.0	56.3	14.9	0.44	-
72	-	28.03.	08°16.0'	79°56.0'	199	1	-	-	-	Vfsd	111	37.8	10.8	2.9	61.9	14.1	0.37	-
73	-	28.03.	08°10.5'	79°48.6'	153	1	-	-	-	-	-	-	10.7	3.1	60.3	14.7	0.44	-
74	-	28.03.	08°22.0'	79°48.3'	145	1	-	-	-	Vfsd	75	27.1	4.3	1.5	3.3	15.2	0.53	-
75	-	28.03.	08°24.7'	79°44.8'	193	1	-	-	-	Silt	<63	76.4	15.9	5.7	24.8	15.1	0.58	-
77	-	29.03.	08°57.0'	79°44.1'	111	1	35	-	-	Fsd	138	8.0	3.3	0.7	31.3	14.6	0.56	-
78	-	29.03.	08°51.7'	79°34.1'	105	1	35	-	-	-	-	-	6.6	1.6	51.3	15.0	0.51	-
79	-	29.03.	08°57.6'	79°33.0'	111	1	35	-	-	Fsd	138	14.6	5.9	1.2	41.8	15.0	0.49	-
80	-	29.03.	08°53.9'	79°24.2'	100	1	-	-	-	Fsd	200	7.3	2.6	0.8	4.8	15.3	0.37	-
81	-	29.03.	08°53.3'	79°17.7'	103	1	-	-	-	Fsd	162	8.3	3.0	0.9	1.9	15.3	0.36	-
82	-	29.03.	08°43.5'	79°10.4'	80	1	-	-	-	Fsd	184	8.2	2.9	1.1	1.6	15.3	0.38	-
83	-	29.03.	08°39.0'	79°18.6'	85	1	-	-	-	Fsd	168	9.4	2.7	0.8	1.6	15.3	0.38	-
84	-	30.03.	08°19.3'	79°08.9'	56	1	-	-	-	Fsd	194	12.5	3.2	1.1	4.0	15.5	0.36	-
85	-	30.03.	08°25.0'	79°18.5'	75	1	-	-	-	Vfsd	119	15.0	3.9	1.5	2.6	15.5	0.37	-
86	-	30.03.	08°29.8'	79°23.0'	86	1	-	-	-	Vfsd	92	18.6	3.2	1.1	2.2	15.3	0.41	-
87	-	30.03.	08°23.5'	79°29.5'	84	1	-	-	-	Vfsd	84	24.0	-	-	-	15.2	0.36	-
88	-	30.03.	08°31.9'	79°37.5'	98	1	-	-	-	Vfsd	74	30.1	4.2	1.3	3.5	15.2	0.48	-
89	-	30.03.	08°41.2'	79°41.1'	108	1	-	-	-	Vfsd	80	26.6	5.0	1.1	20.3	15.2	0.46	-
90	-	30.03.	08°41.5'	79°25.4'	90	1	-	-	-	Fsd	134	14.8	3.5	1.0	2.1	15.3	0.43	-
91	-	31.03.	08°31.4'	78°59.8'	52	1	-	-	-	-	-	-	2.2	0.5	2.6	15.3	0.33	-
92	-	31.03.	08°36.9'	79°02.2'	60	1	-	-	-	-	-	-	-	-	-	15.4	0.15	-
93	-	31.03.	08°30.0'	78°55.0'	38	1	-	-	-	Silt	<63	98.0	3.5	3.2	4.1	15.7	0.36	-
94	-	31.03.	08°43.0'	78°53.0'	51	1	-	-	-	Silt	<63	98.5	12.9	4.2	8.8	15.3	0.34	-
95	-	31.03.	08°48.0'	78°56.0'	71	1	-	-	-	-	-	-	2.7	1.0	2.0	15.2	0.40	-

TAB. 4 (CONTINUED / CONTINUADO)

STATION Nr.	DATE 1981	LOCATION		DEPTH m	GRAB Nr.	CONTENT			SEDIMENT				TEMP. & SAL					
		Latitude S	Longitude W			Mean	Min	Max	Type	Md µm	Silt %	OS %	OC %	CaCO ₃ %	°C	σ _t ml/l	‰	
96	-	31.03.	08°50.0'	78°59.8'	77	1	-	-	-	Fsd	183	14.6	3.5	1.4	2.5	15.3	0.47	-
97	-	03.04.	09°25.7'	78°59.0'	130	1	-	-	-	Fsd	145	30.7	10.4	1.9	9.1	14.6	0.49	-
98	-	03.04.	09°26.8'	79°11.8'	149	1	25	-	-	Fsd	171	15.0	9.3	2.1	66.2	14.5	0.37	-
99	-	03.04.	09°19.7'	79°15.4'	145	1	100	-	-	Vfsd	65	49.4	7.4	2.3	12.6	14.3	0.49	-
100	-	03.04.	09°15.3'	79°20.0'	150	1	100	-	-	Vfsd	94	36.6	9.4	2.4	13.8	14.9	0.41	-
101	-	03.04.	09°16.9'	79°26.9'	160	1	75	-	-	Vfsd	78	36.8	6.3	1.8	26.1	14.9	0.31	-
102	-	04.04.	09°11.1'	79°35.8'	325	1	50	-	-	-	-	-	9.6	3.0	8.7	12.2	0.31	-
104	-	21.04.	09°58.6'	78°46.5'	145	1	50	-	-	Fsd	179	13.7	4.9	1.1	1.4	13.8	0.38	-
105	-	21.04.	10°06.7'	78°54.1'	145	1	50	-	-	Fsd	164	15.9	8.0	2.0	11.1	14.4	0.44	-
106	-	21.04.	09°56.0'	79°04.2'	190	1	10	-	-	Fsd	175	15.4	10.3	2.1	40.1	13.9	0.28	-
107	-	21.04.	09°48.8'	78°58.3'	141	1	50	-	-	Fsd	164	18.1	6.4	1.8	11.8	14.0	0.48	-
108	-	21.04.	09°40.0'	79°03.8'	146	1	100	-	-	-	-	-	9.7	1.1	13.9	14.0	0.44	-
109	-	22.04.	09°02.9'	79°18.3'	91	1	50	-	-	Fsd	127	14.5	4.4	1.8	2.9	14.9	0.49	-
110	-	22.04.	09°01.0'	79°06.0'	97	1	-	-	-	Fsd	148	15.1	3.6	1.5	4.3	15.0	0.75	-
111	-	22.04.	09°05.8'	79°11.9'	108	1	-	-	-	Vfsd	70	39.4	5.5	-	4.0	14.7	0.56	-
112	-	22.04.	09°01.5'	79°24.2'	112	1	-	-	-	Vfsd	92	19.1	4.9	-	31.0	14.7	0.47	-
113	-	22.04.	09°07.2'	79°34.5'	129	1	-	-	-	-	-	-	4.8	1.5	15.8	14.7	0.57	-
115	-	22.04.	09°31.5'	79°28.7'	142	1	10	-	-	Fsd	186	15.9	6.0	1.5	81.7	14.2	0.50	-
116	-	22.04.	09°43.7'	79°18.2'	194	1	25	-	-	Fsd	170	18.1	8.9	2.2	67.0	13.8	0.41	-
117	-	22.04.	09°35.1'	79°02.1'	143	1	75	-	-	-	-	-	-	-	14.3	0.48	-	
119	-	23.04.	09°35.6'	78°38.0'	125	1	-	-	-	Silt	663	79.9	12.1	4.6	5.7	14.6	0.86	-
120	-	23.04.	09°41.6'	78°34.3'	134	1	-	-	-	-	-	-	22.0	8.0	9.6	14.4	0.50	-
121	-	23.04.	09°38.0'	78°28.4'	100	1	-	-	-	Vfsd	80	35.8	3.7	1.7	2.6	14.8	0.73	-
122	-	23.04.	09°48.7'	78°24.8'	101	1	80	-	-	Silt	663	66.8	11.5	4.0	6.8	-	-	-
123	-	23.04.	09°55.9'	78°16.2'	69	1	-	-	-	Silt	663	85.5	10.4	3.2	6.3	14.8	0.60	-
124	-	23.04.	10°13.2'	78°34.8'	150	1	-	-	-	Fsd	186	17.7	12.0	4.2	31.2	13.8	0.45	-
125	-	23.04.	10°11.9'	78°20.5'	131	1	-	-	-	Silt	663	53.9	6.7	2.0	2.9	14.5	0.43	-
126	-	23.04.	10°15.5'	78°07.9'	77	1	10	-	-	-	-	-	-	-	14.8	0.49	-	
127	-	23.04.	10°23.8'	78°10.9'	120	1	35	-	-	Vfsd	64	48.6	4.4	1.3	3.3	14.6	0.48	-
128	-	23.04.	10°30.1'	78°18.9'	213	1	10	-	-	-	-	-	8.6	2.7	8.2	13.8	0.42	-
129	-	23.04.	10°44.7'	78°15.4'	284	1	10	-	-	-	-	-	-	11.1	20.0	12.9	0.35	-
130	-	23.04.	10°47.4'	78°02.0'	130	1	80	-	-	Silt	663	72.7	8.8	2.7	4.4	14.4	0.68	-
131	-	23.04.	10°55.0'	77°44.6'	52	1	100	-	-	-	-	-	12.1	3.2	49.8	15.6	0.54	-
132	-	23.04.	10°47.1'	77°52.2'	110	1	10	-	-	-	-	-	16.1	7.1	8.6	14.8	2.50	-
133	-	23.04.	11°04.9'	77°53.8'	136	1	75	-	-	Silt	663	90.4	19.1	6.2	4.3	14.4	3.01	-
134	-	23.04.	11°14.4'	78°03.4'	300	1	80	-	-	-	-	-	8.4	17.1	-	0.25	-	-
135	-	23.04.	11°14.5'	77°50.9'	114	1	80	-	-	Silt	663	74.4	4.6	2.0	5.6	14.4	0.43	-
136	-	24.04.	11°20.4'	77°49.9'	106	1	65	-	-	Vfsd	88	18.2	3.2	1.1	2.0	14.4	0.45	-
137	-	24.04.	11°34.5'	77°49.0'	126	1	30	-	-	Vfsd	73	30.7	6.3	2.2	3.4	14.5	0.58	-
138	-	24.04.	11°48.0'	77°57.5'	298	1	75	-	-	-	-	-	20.8	7.3	11.6	13.2	0.64	-
139	-	24.04.	11°58.0'	77°43.4'	142	1	30	-	-	-	-	-	-	-	14.0	0.58	-	
140	-	24.04.	11°48.7'	77°34.1'	111	1	80	-	-	-	-	-	17.5	5.8	13.4	14.5	0.47	-
141	-	24.04.	11°42.6'	77°17.7'	56	1	70	-	-	-	-	-	12.7	4.5	22.1	15.0	0.45	-

TAB. 5 : R.V. HUMBOLDT, CRUISE B105-06 / BIC HUMBOLDT, CRUCERO B105-06 (28.05 - 09.06.1981)

STATION Nr.	DATE Type	LOCATION		DEPTH m	SRAB Nr.	% Content			SEDIMENT					TEMP °C	SAL ‰			
		Latitude	Longitude			Mean	Min	Max	Type	Md µm	Silt %	OS %	OC %			CaCO ₃ %		
1	-	28.05.	12°01.0'	77°18.0'	94	1	100	-	-	-	-	-	13.8	4.5	13.3	15.0	0.18	-
2	-	28.05.	12°07.0'	77°28.5'	153	1	25	-	-	Silt	<63	77.5	8.1	2.4	4.9	14.2	0.28	-
3	-	28.05.	12°09.8'	77°21.8'	129	1	25	-	-	Silt	<63	61.2	8.7	2.8	6.4	14.9	0.33	-
4	-	28.05.	12°10.5'	77°15.0'	43	1	50	-	-	Silt	<63	82.3	4.4	1.6	9.4	15.3	0.16	-
5	-	28.05.	12°15.0'	77°20.6'	141	1	10	-	-	-	-	-	3.3	1.1	3.7	14.7	0.23	-
6	-	30.05.	12°23.9'	77°17.8'	183	1	100	-	-	Silt	<63	99.4	18.9	6.2	9.8	14.0	0.26	-
7	-	30.05.	12°21.5'	76°48.5'	77	1	100	-	-	Silt	<63	97.5	12.3	3.7	17.7	-	0.46	-
8	-	30.05.	12°30.3'	77°08.2'	180	1	100	-	-	Silt	<63	99.7	17.4	6.0	10.2	14.0	0.49	-
9	-	30.05.	12°31.0'	76°50.0'	94	1	20	-	-	Fsd	168	6.2	-	-	-	15.2	0.60	-
10	-	30.05.	12°37.5'	77°01.1'	186	1	100	-	-	Silt	<63	99.8	22.4	7.8	11.0	14.6	0.69	-
11	-	31.05.	12°47.0'	76°55.0'	190	1	50	-	-	-	-	-	-	-	14.0	0.54	-	
12	-	31.05.	12°49.0'	76°40.0'	105	1	90	-	-	-	-	-	15.7	5.1	13.2	15.0	0.63	-
13	-	31.05.	12°55.0'	76°50.0'	183	1	90	-	-	Silt	<63	91.8	-	-	-	14.7	0.80	-
14	-	31.05.	13°04.5'	76°47.0'	192	1	5	-	-	-	-	-	17.3	4.4	14.6	14.6	0.50	-
15	-	31.05.	13°06.0'	76°30.0'	73	1	100	-	-	Silt	<63	99.1	11.7	3.1	10.3	15.3	0.67	-
16	-	31.05.	13°14.3'	76°44.8'	145	1	10	-	-	Silt	<63	62.5	3.0	0.8	6.8	14.4	0.52	-
17	-	31.05.	13°14.8'	76°24.3'	46	1	100	-	-	Silt	<63	99.7	10.6	2.7	11.7	-	0.55	-
18	-	31.05.	13°20.0'	76°34.0'	115	1	50	-	-	Silt	<63	97.9	7.9	5.8	11.7	14.0	0.35	-
19	-	31.05.	13°26.0'	76°44.0'	185	1	20	-	-	-	-	-	16.8	5.7	6.3	13.8	0.37	-
20	-	01.06.	13°24.0'	76°25.5'	113	1	100	-	-	Silt	<63	99.4	16.4	5.8	7.8	15.0	0.40	-
21	Ps	01.06.	13°23.5'	76°17.0'	26	3	100	-	-	Silt	<63	96.5	7.3	3.0	5.0	15.4	0.61	-
22	Ps	01.06.	13°24.0'	76°19.0'	50	3	100	-	-	-	-	-	-	-	15.4	0.56	-	
23	Ps	01.06.	13°25.3'	76°20.5'	75	3	100	-	-	-	-	-	-	-	15.1	0.46	-	
24	Ps	01.06.	13°27.2'	76°25.0'	100	3	100	-	-	Silt	<63	99.8	15.3	5.2	8.7	15.0	0.16	-
25	Ps	01.06.	13°34.4'	76°35.7'	150	3	100	-	-	Silt	<63	96.6	22.7	7.5	18.3	14.4	0.63	-
26	Ps	01.06.	13°38.5'	76°40.2'	205	3	90	90	90	-	-	-	18.8	7.2	20.1	13.4	0.35	-
27	Ps	01.06.	13°39.8'	76°43.1'	307	3	80	80	80	Silt	<63	99.7	25.3	8.3	15.7	11.5	0.45	-
28	Ps	01.06.	13°42.0'	76°47.6'	413	1	10	-	-	-	-	-	18.7	3.1	15.3	9.4	0.38	-
30	Ps	01.06.	13°44.2'	76°51.0'	771	1	10	-	-	-	-	-	-	-	5.6	1.01	-	
31	Ps	01.06.	13°46.1'	76°53.0'	1018	1	75	-	-	-	-	-	8.1	0.7	8.0	4.8	1.69	-
32	-	01.06.	13°38.1'	76°29.1'	113	1	100	-	-	Silt	<63	89.6	6.1	1.9	6.4	14.9	0.37	-
33	-	02.06.	13°44.0'	76°35.0'	183	1	50	-	-	Silt	<63	97.6	19.3	6.5	13.2	14.0	0.34	-
34	-	02.06.	13°53.0'	76°31.5'	183	1	80	-	-	Silt	<63	97.7	17.1	-	12.5	14.8	0.44	-
35	-	02.06.	14°05.6'	76°25.6'	185	1	80	-	-	-	-	-	22.7	6.3	25.3	14.2	0.33	-
36	-	02.06.	14°15.0'	76°17.0'	140	1	100	-	-	-	-	-	21.0	4.7	28.5	14.6	0.45	-
37	-	02.06.	14°21.2'	76°18.0'	180	1	100	-	-	-	-	-	17.2	5.8	28.2	14.7	0.57	-
40	-	02.06.	14°31.5'	76°03.0'	114	1	100	-	-	-	-	-	14.1	3.6	10.8	14.8	0.46	-
41	-	03.06.	14°39.0'	76°05.0'	147	1	20	-	-	-	-	-	17.0	4.7	22.2	14.5	0.62	-
42	-	03.06.	14°45.9'	75°56.3'	160	1	80	-	-	Silt	<63	97.3	20.6	5.7	20.4	14.1	0.52	-
43	-	03.06.	14°52.6'	75°47.9'	140	1	100	-	-	Silt	<63	95.4	16.9	5.0	5.6	14.2	0.46	-
44	-	03.06.	15°01.0'	75°43.0'	195	1	100	-	-	-	-	-	23.2	5.9	22.8	-	0.45	-
45	-	03.06.	15°03.5'	75°35.4'	137	1	2	-	-	-	-	-	7.5	1.8	6.0	14.6	0.51	-
46	-	03.06.	15°13.2'	75°26.0'	94	1	15	-	-	-	-	-	-	-	14.6	0.58	-	
47	-	03.06.	15°18.3'	75°15.7'	118	1	75	-	-	Silt	<63	94.6	13.6	2.9	15.0	14.6	0.58	-
48	-	03.06.	15°22.5'	75°16.8'	220	1	100	-	-	Silt	<63	99.5	14.7	5.3	22.5	13.9	0.72	-

TAB. 5 (CONTINUED / CONTINUADO)

STATION Nr.	DATE 1981	LOCATION		DEPTH m	GRAB Nr.	CONTENT			Type	SEDIMENT				TEMP		SAL		
		Latitude S	Longitude W			Mean	Min	Max		Md µm	Silt %	OS %	OC %	CaCO ₃ %	°C		ml/l	‰
49	-	03.06.	15°26.0'	75°11.0'	133	1	10	-	-	Msd	309	20.9	4.0	0.8	3.4	14.4	0.78	-
50	J	06.06.	15°04.0'	75°26.0'	58	3	100	-	-	Msd	471	5.8	-	-	-	14.5	0.74	-
51	J	06.06.	15°04.5'	75°26.0'	75	3	100	-	-	Silt	663	98.4	9.7	2.2	9.7	14.6	1.46	-
52	J	06.06.	15°05.0'	75°28.1'	105	2	100	-	-	Silt	663	99.6	10.3	1.7	8.4	14.6	0.69	-
53	J	06.06.	15°08.5'	75°32.5'	150	2	40	40	40	-	-	-	10.2	2.7	9.3	13.9	0.58	-
54	J	06.06.	15°09.8'	75°33.5'	205	3	100	-	-	Silt	663	96.0	17.8	4.2	21.6	13.1	0.56	-
55	J	06.06.	15°10.0'	75°35.0'	330	3	67	50	75	-	-	-	21.8	5.4	26.1	-	-	-
56	J	06.06.	15°10.5'	75°34.4'	505	1	100	-	-	-	-	-	20.8	5.8	22.4	8.8	0.28	-
57	J	07.06.	15°11.5'	75°36.5'	764	3	57	5	85	-	-	-	18.7	5.9	18.9	5.7	0.90	-
58	J	07.06.	15°11.8'	75°39.1'	1012	2	55	50	60	-	-	-	10.0	6.6	8.3	4.8	1.59	-

TAB. 6 : R.V. HUMBOLDT, CRUISE 8211-12 / BIC HUMBOLDT, 8211-12 (22.11 - 23.12.1982)

STATION Nr.	DATE 1982	LOCATION		DEPTH m	GRAB Nr.	% Content			Type	SEDIMENT					TEMP °C	D m/l	SAL ‰	
		Latitude S	Longitude W			Mean	Min	Max		Md µm	Silt %	OS %	OC %	CaCO ₃ %				
1	-	23.11.	13°30.0'	76°24.0'	100	2	100	-	-	-	-	-	-	-	-	-	-	
2	-	25.11.	15°05.0'	75°29.2'	95	2	20	10	30	-	-	-	-	-	15.4	3.59	-	
3	-	27.11.	16°15.0'	73°42.3'	127	3	27	20	30	-	-	-	-	-	17.3	2.27	-	
4	-	29.11.	18°20.0'	70°30.0'	86	3	100	-	-	-	-	-	-	-	15.8	1.07	34.99	
5	C	15.12.	12°02.0'	77°13.5'	50	5	100	-	-	Vfsd	117	42.3	13.7	3.4	12.2	21.3	2.20	-
6	C	16.12.	12°01.0'	77°19.0'	100	3	100	-	-	-	-	14.8	4.3	15.3	19.9	0.98	-	
7	P	16.12.	11°34.9'	77°47.0'	119	1	100	-	-	Vfsd	64	49.4	19.3	6.6	14.5	19.3	2.11	-
8	Hy	17.12.	10°09.0'	78°15.0'	100	4	100	-	-	-	-	12.6	2.2	7.1	20.2	2.31	-	
9	Hy	17.12.	10°05.0'	78°11.3'	50	5	85	25	100	Silt	663	81.0	9.1	4.0	7.7	21.1	2.53	-
10	P	17.12.	09°42.7'	78°25.9'	93	1	-	-	-	-	-	-	-	-	20.5	2.82	-	
11	P	17.12.	09°23.0'	78°37.0'	90	1	-	-	-	Silt	663	71.0	17.6	5.8	9.7	21.0	2.67	-
12	P	18.12.	08°58.2'	79°51.0'	135	1	-	-	-	-	-	-	-	-	19.1	2.68	-	
13	P	19.12.	07°52.1'	79°35.8'	60	1	-	-	-	Vfsd	69	37.3	5.5	1.7	4.5	22.6	3.96	-
14	P	19.12.	07°22.6'	79°49.3'	66	1	100	-	-	Msd	309	17.2	4.2	1.1	3.9	22.6	2.97	-
15	P	19.12.	07°04.8'	79°56.0'	47	1	100	-	-	Fsd	191	8.4	2.8	0.6	1.4	23.0	3.90	-
16	P	20.12.	06°57.3'	80°47.5'	145	1	-	-	-	Vfsd	72	34.2	5.0	1.1	2.6	22.2	2.91	-
17	L	20.12.	06°33.4'	80°46.9'	50	5	100	-	-	Vfsd	76	16.3	2.4	0.6	4.7	23.9	4.91	-
18	L	20.12.	06°32.4'	80°54.0'	100	5	38	10	50	Vfsd	76	18.2	2.7	0.7	3.3	22.4	3.54	-

TAB. 7 : R.V. HUMBOLDT, CRUISE 8301 / BIC HUMBOLDT, CRUCERO 8301 (12.01 - 24.01.1983)

STATION Nr. Type	DATE 1993	LOCATION (Latitude Longitude)		DEPTH m	GRAB			Type	SEDIMENT					TEMP		SAL
		S	W		Nr.	% Content	Mean		Min	Max	Md µm	Silt %	OS %	OC %	CaCO ₃ %	
1 P	12.01.	12°06.8'	77°23.2'	118	1	100	-	Silt	<63	69.5	17.9	5.5	18.3	22.2	3.33	35.08
2 P	12.01.	12°04.4'	77°43.5'	220	1	50	-	Msd	326	11.6	8.7	2.5	10.1	22.2	1.50	35.08
3 P	12.01.	12°03.9'	77°42.8'	204	1	100	-	Msd	305	8.2	7.3	1.9	10.3	22.2	0.92	35.10
4 P	12.01.	11°51.8'	77°39.1'	150	1	80	-	Msd	299	6.8	22.7	6.4	24.2	22.2	2.70	35.09
5 P	13.01.	10°53.6'	77°45.8'	50	1	100	-	Silt	<63	97.0	12.3	2.7	10.8	24.4	3.83	35.10
6 P	13.01.	10°59.8'	78°01.4'	193	1	100	-	Silt	<63	61.6	25.2	7.8	22.9	18.4	1.86	35.08
7 P	13.01.	10°49.9'	78°06.0'	186	1	60	-	-	-	-	24.6	8.1	22.9	18.8	1.86	35.14
8 P	14.01.	10°25.1'	78°48.2'	195	1	10	-	Fsd	206	11.0	-	7.5	32.4	18.6	2.01	35.11
9 P	14.01.	10°12.4'	78°49.4'	140	1	25	-	Fsd	167	11.0	9.1	1.7	53.6	21.1	2.45	-
10 P	14.01.	10°00.4'	78°28.3'	126	1	50	-	Silt	<63	66.1	7.8	1.8	5.2	22.4	3.09	-
11 P	14.01.	09°55.4'	78°22.2'	100	1	100	-	Vfsd	70	36.7	4.3	1.4	3.9	22.7	3.20	35.03
12 P	15.01.	09°35.9'	79°04.5'	145	1	50	-	Msd	299	11.4	10.4	2.5	16.5	21.9	2.94	35.04
13 P	15.01.	09°25.1'	78°48.2'	95	1	50	-	Fsd	184	9.5	4.0	1.2	3.2	23.1	2.86	35.03
14 P	15.01.	09°14.9'	78°35.9'	70	1	100	-	Silt	<63	94.0	10.8	2.9	12.8	23.4	2.64	-
15 P	16.01.	09°05.5'	78°46.4'	75	1	100	-	-	-	-	-	-	23.5	3.35	35.01	
16 P	16.01.	09°06.0'	78°54.7'	85	1	50	-	Silt	<63	51.1	8.9	2.2	3.8	23.3	3.35	35.00
17 P	16.01.	09°10.1'	78°58.6'	96	1	25	-	Fsd	140	13.7	5.3	1.5	3.8	23.0	3.05	35.01
18 P	16.01.	09°12.6'	79°05.7'	120	1	25	-	Vfsd	84	22.8	4.8	1.7	5.7	22.9	2.84	34.98
19 P	16.01.	09°16.2'	79°13.7'	130	1	50	-	Vfsd	66	32.9	9.4	2.2	9.2	22.2	2.73	35.00
20 P	17.01.	08°45.3'	79°00.5'	70	1	25	-	Vfsd	71	31.9	3.2	0.7	4.1	23.3	2.60	35.00
21 P	17.01.	08°38.7'	79°26.6'	88	1	25	-	Vfsd	121	13.8	4.2	1.2	4.8	23.2	3.04	35.00
22 P	17.01.	09°02.8'	79°48.1'	135	1	10	-	Fsd	168	6.2	5.5	1.2	78.0	22.5	2.79	35.01
23 S	18.01.	08°25.4'	79°38.8'	100	5	47	30	Vfsd	71	33.5	4.0	1.1	5.3	-	-	-
24 S	18.01.	08°11.9'	79°14.5'	50	5	100	-	Silt	<63	73.0	10.4	3.5	12.2	-	-	-
25 P	18.01.	09°05.6'	79°19.1'	46	1	100	-	Silt	<63	81.4	8.9	3.8	16.9	23.9	3.41	35.00
26 P	18.01.	07°55.2'	79°32.3'	60	1	100	-	Vfsd	76	29.5	7.6	2.4	7.1	24.0	3.41	35.00
27 P	18.01.	08°07.1'	79°41.7'	128	1	75	-	Silt	<63	50.3	13.9	3.8	8.1	23.1	3.93	35.00
28 P	18.01.	08°10.2'	80°01.0'	164	1	80	-	Fsd	220	14.8	6.2	1.8	84.6	20.5	0.56	35.21
29 P	18.01.	08°06.6'	80°11.5'	180	1	25	-	Fsd	226	17.5	7.6	2.0	80.8	17.4	1.23	35.16
30 P	19.01.	07°15.0'	79°44.0'	25	1	100	-	-	-	-	-	-	24.4	3.40	34.98	
31 Pm	20.01.	07°22.7'	80°47.3'	500	1	75	-	Msd	367	20.1	9.1	1.8	8.4	-	-	-
32 Pm	20.01.	07°18.6'	80°47.4'	300	2	40	5	Vfsd	75	40.2	7.5	2.3	7.1	-	-	-
33 P	20.01.	07°12.6'	80°43.5'	135	1	10	-	Silt	<63	59.7	4.6	1.3	41.7	-	-	-
34 Pm	20.01.	07°13.7'	80°26.9'	100	3	50	50	Silt	<63	70.0	10.2	1.8	11.1	-	-	-
35 Pm	20.01.	07°08.7'	80°21.4'	75	3	25	25	Vfsd	98	18.9	3.3	1.1	14.3	23.9	3.44	34.92
36 Pm	20.01.	06°58.0'	80°05.0'	50	3	23	10	Fsd	158	6.0	1.8	0.5	4.1	24.0	3.45	34.91
37 Pm	20.01.	06°56.8'	80°00.0'	32	2	50	20	Msd	402	5.0	2.6	0.2	33.9	24.1	3.56	34.90
38 P	21.01.	06°55.0'	80°38.7'	75	1	30	-	Fsd	226	9.8	3.3	0.9	66.6	24.2	3.52	34.92
39 P	21.01.	07°00.3'	80°49.2'	164	1	30	-	Vfsd	79	21.9	4.8	1.0	3.8	14.6	0.77	35.02
40 P	21.01.	06°36.5'	80°40.9'	40	1	40	-	Fsd	131	11.0	2.5	0.5	8.4	24.9	2.98	34.94
41 P	21.01.	06°20.9'	80°55.3'	55	1	100	-	Silt	<63	91.9	9.0	2.2	10.2	24.6	3.71	34.93
42 P	22.01.	05°24.4'	81°20.7'	145	1	75	-	Silt	<63	82.2	3.9	0.5	3.6	-	-	-
43 P	22.01.	05°07.3'	81°17.0'	100	1	75	-	Silt	<63	91.8	6.7	2.0	12.7	-	-	-
44 P	23.01.	03°55.0'	81°04.4'	174	1	50	-	-	-	-	-	-	20.9	0.23	34.76	
45 P	23.01.	03°40.7'	80°59.8'	300	1	75	-	-	-	-	-	-	-	-	-	-

TAB. 7 (CONTINUED / CONTINUADO)

STATION Nr.	DATE Type	1983	LOCATION		DEPTH m	GRAB			Type	SEDIMENT				TEMP			SAL	
			Latitude	Longitude		Nr.	% Content	Mean		Min	Max	Md µm	Silt %	OS %	OC %	CaCO ₃ %		°C
46	I	23.01.	03°38.8'	80°43.4'	25	3	100	-	-	Silt	<63	93.0	7.4	1.0	9.2	23.9	3.65	-
47	I	23.01.	03°38.9'	80°46.3'	50	3	100	-	-	Silt	<63	74.6	8.2	1.1	7.8	25.4	2.98	-
48	I	23.01.	03°37.0'	80°50.2'	75	3	85	75	90	Vfsd	64	49.0	4.6	1.1	9.6	24.3	0.23	-
49	I	23.01.	03°36.1'	80°53.7'	100	3	47	40	50	Vfsd	63	49.1	7.2	0.7	5.6	-	-	-
50	I	24.01.	03°37.3'	80°56.5'	150	3	20	20	20	Silt	<63	60.7	8.1	0.9	11.2	-	-	-
51	I	24.01.	03°36.5'	80°59.0'	200	3	77	70	80	Silt	<63	87.0	12.3	1.6	7.0	20.9	0.23	-
52	I	24.01.	03°37.0'	80°55.8'	300	2	70	50	90	Silt	<63	76.4	9.7	1.4	6.9	-	-	-
53	P	24.01.	03°30.9'	80°52.7'	80	1	100	-	-	Silt	<63	59.1	8.3	0.9	6.2	24.0	0.23	34.76
54	P	24.01.	03°29.9'	80°39.4'	41	1	75	-	-	Silt	<63	52.7	9.1	1.3	5.1	25.9	3.65	34.74

TAB. 8 : BOLICHERA, CRUISE 8308 / BOLICHERA. CRUCERO 8308 (16.08 - 23.08.1983)

STATION Nr. Type	DATE 1983	LOCATION		DEPTH m	GRAB			Type	SEDIMENT				TEMP		D ml/l	SAL ‰	
		Latitude	Longitude		Nr.	% Content	Mean		Min	Max	Md µg	Silt %	OS %	OC %			CaCO ₃ %
1 C	16.08.	12°00.0'	77°13.0'	50	5	100	-	-	Silt	<63	60.4	14.1	3.4	10.1	16.2	1.82	35.05
2 C	16.08.	12°02.0'	77°17.0'	100	5	85	50	100	Silt	<63	65.4	19.6	5.6	15.8	15.4	0.71	35.04
3 P _S	19.08.	13°24.0'	76°19.0'	50	5	100	-	-	Vf sd	86	45.1	11.2	-	7.7	15.8	2.02	35.19
4 P _S	19.08.	13°27.0'	76°25.0'	100	5	100	-	-	Silt	<63	72.3	18.9	6.0	10.2	14.8	1.72	35.14
5 Hy	23.08.	10°06.0'	78°12.0'	50	3	40	20	50	Silt	<63	65.8	12.8	3.5	9.0	16.5	4.03	35.05
6 Hy	23.08.	10°06.0'	78°15.0'	100	4	83	50	100	Silt	<63	80.2	8.2	1.8	6.7	16.0	3.13	35.06

TAB. 9 : R.V. SNP-1, CRUISE 8406-08 / BIC SNP-1, CRUCERO 8406-08 (27.06 - 26.08.1984)

STATION Nr.	DATE 1984	LOCATION		DEPTH m	GRAB			SEDIMENT					TEMP		SAL			
		Latitude	Longitude		Nr.	% Content	Type	Mo	Silt	OS	OC	CaCO ₃	°C	ml/l				
1	Pa	27.06.	18°19.2'	70°29.9'	62	2	100	-	-	-	-	-	-	-	-	-	-	
2	Pa	27.06.	18°19.8'	70°33.0'	100	2	100	-	-	-	-	-	-	-	-	-	-	
3		28.06.	17°47.0'	71°18.0'	110	2	100	-	-	-	-	-	-	-	-	-	-	
4		05.07.	16°59.6'	72°07.0'	84	3	92	10	75	Vfsd	67	46.7	11.0	2.7	15.7	15.2	3.60	34.93
5		08.07.	16°14.9'	73°46.9'	100	3	33	5	25	Silt	<63	51.8	7.2	1.5	5.1	13.6	0.39	34.98
6	J	12.07.	15°20.7'	75°13.3'	100	2	75	10	50	Silt	<63	75.9	22.9	3.2	13.8	14.1	0.64	-
7	J	13.07.	15°21.0'	75°10.2'	42	3	46	10	13	Vfsd	<72	40.6	9.6	2.1	15.3	14.3	0.63	-
8	Ps	16.07.	13°31.2'	76°18.7'	50	3	100	-	-	Silt	<63	71.5	15.5	4.2	15.3	15.1	0.68	-
9	Ps	16.07.	13°36.8'	76°26.3'	100	2	100	-	-	Silt	<63	63.6	17.0	4.3	11.9	14.6	0.48	-
10	C	18.07.	12°13.3'	77°06.6'	50	3	100	-	-	Silt	<63	72.5	12.8	3.4	10.3	14.8	0.77	-
11	C	18.07.	12°02.9'	77°15.4'	100	2	88	10	75	Silt	<63	70.9	19.7	5.4	18.2	14.2	0.30	-
12	Hy	26.08.	09°56.4'	78°21.3'	100	3	42	7	25	Vfsd	72	38.5	8.8	2.2	5.8	13.8	0.98	-
13	Hy	26.08.	09°51.4'	78°15.5'	50	3	87	9	80	Vfsd	67	46.5	10.2	2.1	15.2	14.3	0.73	-

TAB. 10 : R.V. HUMBOLDT, CRUISE B412 / BIC HUMBOLDT, CRUCERO B412 (30.11 - 21.12.1984)

STATION Nr. Type	DATE 1984	LOCATION		DEPTH n	GRAB			SEDIMENT				CaCO ₃ %	TEMP		SAL			
		Latitude S	Longitude W		Nr.	% Content Mean Min Max	Type	Md µm	Silt %	OS %	OC %		°C	ml/l		‰		
1	P	03.12.	03°27.6'	80°56.2'	245	2	100	-	-	-	-	-	-	-	12.9	1.58	33.75	
2	P	03.12.	03°35.6'	80°59.6'	370	2	100	-	-	-	-	-	-	-	10.6	0.86	34.96	
3	P	03.12.	03°33.6'	80°53.6'	125	2	100	-	-	Vfsd	83	30.5	9.23	0.93	9.81	14.3	0.54	34.86
4	P	03.12.	03°30.9'	80°48.1'	75	2	100	-	-	Vfsd	73	38.2	7.72	1.01	5.07	15.1	0.76	34.82
5	P	03.12.	03°34.0'	80°42.0'	42	2	100	-	-	Vfsd	64	49.5	8.13	1.76	7.75	16.6	0.77	32.54
6	Z,P	03.12.	03°38.4'	80°47.1'	60	2	100	-	-	Silt	<63	76.3	11.23	2.15	6.72	14.9	0.85	32.16
7	Z	03.12.	03°38.4'	80°49.1'	100	2	45	20	70	Silt	<63	51.1	8.82	0.99	3.86	14.5	1.81	34.79
8	Z	03.12.	03°40.9'	80°57.0'	150	2	38	30	45	Silt	<63	63.2	8.21	1.08	5.42	13.9	1.49	34.98
9	Z	03.12.	03°40.9'	80°59.0'	200	2	50	-	-	Silt	<63	57.8	8.91	1.20	6.01	12.6	0.68	34.97
10	Z	03.12.	03°40.9'	80°59.7'	300	3	83	60	100	Silt	<63	57.2	11.18	1.81	7.38	11.5	0.72	34.98
11	Z	04.12.	03°40.9'	80°47.4'	25	3	100	-	-	-	-	-	10.49	3.42	7.39	-	-	-
12	P	04.12.	03°43.2'	80°58.0'	220	2	100	-	-	Silt	<63	54.6	11.70	1.76	6.18	12.6	0.50	34.85
13	P	04.12.	03°40.5'	81°08.2'	403	1	20	-	-	Msd	312	10.0	8.00	0.75	12.53	10.1	0.75	34.98
14	P	05.12.	04°20.2'	81°18.3'	65	2	80	80	80	Vfsd	113	28.4	4.78	1.29	3.75	15.2	1.82	34.66
15	P	05.12.	04°44.5'	81°22.5'	36	1	10	-	-	Vfsd	68	42.4	2.95	0.42	2.01	15.8	0.98	34.88
16	P	05.12.	04°49.5'	81°23.3'	96	2	75	75	75	Silt	<63	71.4	6.98	0.61	2.06	14.5	0.95	34.80
17	P	05.12.	04°51.1'	81°22.2'	95	1	10	-	-	Silt	<63	86.1	3.97	0.87	6.02	14.3	0.68	34.77
18	P	07.12.	04°57.7'	81°15.9'	66	2	90	80	100	Silt	<63	99.5	11.85	4.49	7.05	14.3	0.64	34.87
19	P	07.12.	04°59.1'	81°21.8'	165	2	95	90	100	Silt	<63	52.6	6.12	0.88	4.51	13.9	0.77	34.83
20	P	07.12.	05°00.5'	81°16.5'	86	2	100	-	-	Silt	<63	90.7	10.13	1.23	5.73	14.4	0.77	34.83
21	P	07.12.	05°06.2'	81°13.6'	85	2	100	-	-	Silt	<63	87.3	10.85	1.46	7.62	14.4	0.41	34.82
22	P	07.12.	05°05.5'	81°16.0'	102	1	100	-	-	Silt	<63	71.0	9.95	1.85	8.93	14.2	0.45	34.97
23	P	07.12.	05°10.0'	81°14.2'	116	2	100	-	-	Silt	<63	60.0	10.89	1.98	8.97	14.3	0.59	34.95
24	P	07.12.	05°12.7'	81°17.8'	115	2	25	20	30	Vfsd	85	11.4	3.83	0.56	2.35	14.3	0.41	34.98
25	P	07.12.	05°12.1'	81°18.5'	129	2	80	70	90	Vfsd	75	23.0	3.63	0.93	4.62	14.4	0.55	34.95
26	P	07.12.	05°09.9'	81°23.8'	205	2	43	5	80	Vfsd	72	37.3	5.82	1.02	3.02	13.7	0.41	34.97
27	P	08.12.	05°22.1'	81°12.9'	95	2	53	5	100	Fsd	142	7.4	6.57	0.95	3.33	13.4	2.77	34.94
28	P	08.12.	05°22.2'	81°14.2'	103	1	100	-	-	Silt	<63	65.4	6.30	1.43	6.52	14.1	0.64	34.94
29	P	09.12.	05°35.6'	81°14.3'	105	2	20	20	20	Vfsd	75	20.6	3.34	0.59	2.88	14.3	0.95	34.85
30	P	09.12.	05°36.1'	81°12.4'	79	2	30	30	30	Vfsd	163	5.7	1.29	0.47	5.98	14.4	0.98	34.64
31	P	09.12.	05°35.4'	81°10.1'	75	2	60	60	60	Fsd	136	15.0	3.34	0.72	2.38	14.6	0.59	34.94
32	P	09.12.	05°39.4'	81°05.2'	69	2	45	40	50	Fsd	151	16.6	1.20	0.50	2.72	14.6	0.50	34.98
33	P	09.12.	05°32.5'	81°02.0'	57	2	40	40	40	Silt	<63	53.3	3.26	0.44	1.97	14.8	0.64	34.93
34	P	09.12.	05°29.3'	81°05.0'	60	2	78	75	80	Silt	<63	72.4	3.52	0.64	2.79	15.0	0.55	34.90
35	P	09.12.	05°31.1'	81°06.3'	62	2	78	75	80	Silt	<63	70.7	3.51	0.47	1.58	14.9	0.68	34.93
36	P	09.12.	05°37.2'	81°07.8'	73	2	60	40	80	Fsd	128	15.0	3.50	0.52	2.50	14.4	0.63	34.97
37	P	10.12.	05°39.1'	81°13.2'	109	2	35	30	40	Vfsd	72	29.5	4.63	0.64	3.11	14.3	0.68	34.91
38	P	10.12.	05°44.1'	81°10.2'	85	2	55	50	60	Fsd	141	9.6	1.83	0.47	4.17	14.4	0.64	34.92
39	P	10.12.	05°45.6'	81°11.5'	93	2	70	60	80	Vfsd	114	14.8	4.18	0.79	2.87	14.3	0.41	34.90
40	P	10.12.	05°57.5'	81°11.0'	95	2	100	-	-	Silt	<63	56.2	11.98	2.36	7.91	14.3	0.45	34.90
41	P	10.12.	05°58.1'	81°09.2'	55	2	100	-	-	Silt	<63	56.5	7.98	2.35	16.31	14.5	0.41	34.92
42	P	10.12.	06°03.0'	81°11.6'	100	2	100	-	-	Silt	<63	85.3	13.94	2.08	2.42	14.1	0.36	34.91
43	P	10.12.	06°04.1'	81°09.9'	125	2	100	-	-	Silt	<63	72.0	12.77	2.15	7.14	14.0	0.45	34.96
44	P	10.12.	06°03.5'	81°14.9'	178	2	100	-	-	-	-	-	-	-	13.7	0.50	-	
45	P	11.12.	06°10.1'	81°07.4'	156	2	100	-	-	Silt	<63	63.4	8.44	1.84	9.20	14.5	0.50	34.98

TAB. 10 (CONTINUED / CONTINUADO)

STATION Nr.	DATE 1984	LOCATION		DEPTH m	GRAB			SEDIMENT Type	SEDIMENT					TEMP		SAL ‰		
		Latitude S	Longitude W		Nr.	% Content Mean	Min		Max	Md µm	Silt %	OS %	OC %	CaCO ₃ %	°C		D ml/l	
46	P	11.12.	06°14.5'	81°02.5'	205	2	88	75	100	Silt	<63	74.5	13.30	2.73	8.10	14.3	0.36	34.95
47	P	11.12.	06°16.5'	81°03.5'	148	2	100	-	-	Silt	<63	72.1	11.93	2.35	7.03	13.9	0.80	34.92
48	P	11.12.	06°19.0'	80°59.5'	125	2	100	-	-	Silt	<63	84.6	12.78	2.71	8.44	13.9	0.45	34.92
49	P	11.12.	06°24.2'	80°57.9'	130	2	100	-	-	Silt	<63	79.3	11.98	3.08	11.77	14.0	0.64	34.92
50	P	11.12.	06°23.0'	80°50.0'	93	2	60	50	70	Silt	<63	63.0	7.39	1.09	10.91	14.3	0.22	34.96
51	P	11.12.	06°32.8'	80°51.0'	62	2	40	30	50	Vfsd	90	5.8	2.88	0.34	7.00	14.8	0.32	34.95
52	P	11.12.	06°34.1'	80°47.4'	66	2	15	10	20	Vfsd	77	10.1	2.90	0.88	2.34	14.8	0.32	34.96
53	P	12.12.	06°31.0'	80°48.0'	39	2	35	20	50	Fsd	130	3.2	1.51	0.45	3.65	15.4	0.41	34.96
54	P	12.12.	06°36.2'	80°44.4'	50	2	35	20	50	Vfsd	79	10.7	4.01	1.36	3.39	15.2	0.32	34.96
55	P	12.12.	06°39.5'	80°45.8'	175	2	100	-	-	Vfsd	74	26.1	5.85	1.55	6.43	13.9	0.41	34.92
56	P	12.12.	06°40.2'	80°42.5'	148	2	15	10	20	Vfsd	84	10.1	4.00	0.97	0.57	14.2	0.45	34.87
57	P	12.12.	06°43.5'	80°42.3'	68	2	15	10	20	Vfsd	77	11.4	3.89	1.01	3.70	15.2	1.00	34.92
58	P	12.12.	06°42.0'	80°38.0'	54	2	20	20	20	Vfsd	80	13.2	3.81	0.81	4.40	15.1	0.36	34.92
59	P	12.12.	06°39.6'	80°37.8'	42	2	20	20	20	Fsd	126	9.5	2.53	0.47	6.96	15.8	0.18	34.91
60	P	12.12.	06°42.4'	80°30.0'	40	2	40	20	60	Fsd	150	4.5	2.30	0.53	23.48	15.6	0.09	34.90
61	Pm	12.12.	07°03.0'	80°31.0'	80	3	37	10	50	-	-	-	-	-	14.1	0.32	34.89	
62	Pm	12.12.	07°07.0'	80°41.0'	100	3	17	10	20	-	-	-	-	-	15.6	0.22	34.89	
63	Pm	12.12.	07°08.2'	80°46.0'	130	2	15	10	20	Vfsd	78	17.0	4.63	0.82	3.38	14.1	0.22	-
64	Pm	13.12.	07°07.6'	80°48.0'	200	2	15	10	20	Vfsd	70	37.4	4.26	1.09	3.68	13.6	0.22	-
65	Pm	13.12.	07°07.0'	80°49.1'	330	2	60	20	100	Silt	<63	52.5	12.29	3.32	12.37	12.6	0.22	-
66	P	13.12.	06°59.0'	80°57.0'	316	2	90	80	100	Csd	528	7.5	10.80	1.02	4.91	15.5	0.18	34.93
67	P	13.12.	06°54.0'	80°48.0'	150	2	50	50	50	Vfsd	98	12.0	7.45	1.47	16.93	15.9	0.41	34.88
68	P	13.12.	06°52.2'	80°47.1'	131	2	50	50	50	Vfsd	77	19.0	5.26	1.35	3.71	15.6	0.22	34.83
69	P	13.12.	06°51.5'	80°44.5'	108	2	40	30	50	Vfsd	87	8.0	4.21	0.89	6.17	15.5	0.41	34.86
70	P	13.12.	06°54.0'	80°43.3'	101	2	55	50	60	Vfsd	88	12.1	6.41	1.22	14.58	15.5	0.18	34.85
71	P	13.12.	06°51.0'	80°39.5'	72	2	13	5	20	Vfsd	105	6.5	4.83	0.71	14.30	14.2	0.59	34.88
72	P	13.12.	06°54.5'	80°39.0'	71	2	35	20	50	Msd	392	6.6	3.63	0.48	13.78	15.5	0.27	34.86
73	P	13.12.	06°54.4'	80°34.8'	75	2	35	20	50	Fsd	136	3.0	3.20	0.56	16.42	15.5	0.23	34.87
74	Pm	13.12.	06°54.0'	80°34.8'	56	3	43	40	50	Fsd	125	7.9	3.95	0.90	4.48	14.6	0.45	34.89
75	Pm	13.12.	06°59.1'	80°15.1'	26	1	50	-	-	Msd	360	4.3	2.95	0.64	6.99	14.8	0.13	34.96
76	P	14.12.	06°46.9'	80°29.7'	50	2	25	20	30	Vfsd	82	14.4	4.47	1.05	5.61	14.7	0.50	34.90
77	P	14.12.	06°47.5'	80°22.0'	41	2	30	30	30	Vfsd	111	4.4	2.68	0.70	6.16	14.8	0.27	34.88
78	P	14.12.	06°52.1'	80°25.4'	53	2	30	30	30	Vfsd	78	14.2	5.05	1.12	6.72	14.7	0.22	34.91
79	P	14.12.	06°54.8'	80°20.2'	51	2	30	30	30	Vfsd	99	7.9	3.71	1.00	5.80	15.1	0.18	34.89
80	P	14.12.	06°53.6'	80°14.6'	45	2	25	20	30	-	-	-	-	-	15.2	0.14	34.88	
81	P	14.12.	06°56.7'	80°07.5'	41	2	25	20	30	Fsd	155	7.3	3.27	0.86	3.41	15.2	0.00	34.90
82	P	14.12.	06°54.1'	80°05.1'	40	2	35	20	50	Fsd	173	1.6	2.04	0.40	1.77	15.2	0.04	34.89
83	P	14.12.	06°57.5'	80°03.0'	30	2	25	20	30	Msd	275	1.8	2.30	0.19	4.71	15.2	0.09	34.88
84	P	15.12.	06°58.7'	80°13.8'	50	2	8	5	10	-	-	-	-	-	15.2	0.14	35.04	
85	P	15.12.	07°05.1'	80°29.5'	72	2	45	30	60	Vfsd	84	21.3	5.93	1.42	6.43	15.1	0.27	34.99
86	P	15.12.	07°14.0'	80°37.0'	110	2	40	30	50	Silt	<63	66.6	8.21	2.00	14.28	15.2	0.22	35.02
87	P	15.12.	07°17.0'	80°46.0'	207	2	8	5	10	Vfsd	76	18.3	4.49	0.93	5.60	14.1	0.23	34.98
88	P	15.12.	07°23.8'	80°36.5'	133	2	55	50	60	-	-	-	-	-	15.0	0.23	34.98	
89	P	15.12.	07°12.7'	80°19.6'	85	2	55	50	60	Vfsd	74	25.8	7.33	1.46	7.99	15.0	0.18	35.02
90	P	16.12.	07°07.8'	80°00.8'	56	2	8	5	10	Fsd	150	8.2	3.82	1.00	3.62	14.9	0.27	35.09

TAB. 10 (CONTINUED / CONTINUADO)

STATION Nr.	DATE 1984	LOCATION		DEPTH m	GRAB Nr.	CONTENT			Type	SEDIMENT					TEMP °C	O ml/l	SAL ‰	
		Latitude S	Longitude W			Mean	Min	Max		Md µm	Silt %	OS %	OC %	CaCO ₃ %				
91	P	16.12.	07°22.1'	79°49.0'	64	2	15	10	20	Fsd	188	3.3	2.16	0.80	1.53	15.0	0.23	35.06
92	P	16.12.	07°26.5'	79°46.5'	67	2	25	20	30	Msd	267	10.8	2.14	0.66	4.11	14.8	0.22	34.98
93	P	16.12.	07°33.3'	79°50.6'	86	2	35	20	50	Fsd	141	10.9	3.26	1.12	2.39	14.4	0.23	35.03
94	P	16.12.	07°26.8'	80°04.8'	87	2	35	20	50	Vfsd	68	29.8	6.10	1.60	11.46	14.9	0.13	34.99
95	P	16.12.	07°24.5'	80°16.6'	120	2	50	50	50	Vfsd	78	38.6	5.73	2.27	17.44	14.6	0.14	35.05
96	P	16.12.	07°34.5'	80°27.7'	250	1	100	-	-	Silt	<63	58.7	8.43	2.44	3.17	13.0	0.13	34.92
97	P	17.12.	07°53.4'	80°08.8'	182	2	13	5	20	Fsd	196	16.1	7.63	2.26	15.46	13.5	0.27	34.98
98	P	17.12.	07°43.5'	80°16.5'	228	2	100	-	-	Silt	<63	54.0	17.32	6.49	2.68	13.0	0.23	34.90
99	P	17.12.	07°40.8'	80°15.5'	280	2	100	-	-	Silt	<63	52.0	13.34	3.88	5.52	12.2	0.27	34.83
100	P	17.12.	07°34.5'	80°18.8'	260	2	100	-	-	Silt	<63	64.1	10.96	2.88	4.45	12.9	0.36	34.96
101	P	17.12.	07°42.5'	80°08.1'	175	2	100	-	-	Fsd	153	24.2	9.27	2.55	12.04	14.1	0.27	34.90
102	P	17.12.	07°51.9'	80°00.4'	152	2	40	30	50	Fsd	163	22.8	6.70	2.56	14.84	14.1	0.22	34.92
103	P	17.12.	07°59.4'	79°51.4'	147	2	50	50	50	Fsd	127	30.0	9.73	3.33	12.41	13.9	0.23	34.92
104	P	18.12.	07°52.1'	79°32.3'	55	2	50	50	50	Vfsd	78	19.4	5.38	1.08	4.20	14.4	0.23	34.94
105	P	18.12.	07°51.1'	79°41.9'	107	2	100	-	-	Vfsd	67	42.3	8.83	2.38	5.28	14.1	0.23	34.93
106	P	18.12.	08°04.8'	79°49.1'	137	2	40	30	50	Fsd	172	15.8	11.92	2.89	9.23	15.6	0.23	34.93
107	P	18.12.	08°11.1'	79°49.5'	146	2	50	50	50	Fsd	134	32.0	11.19	3.15	65.21	13.8	0.18	34.91
108	P	18.12.	08°20.0'	79°44.2'	149	2	65	60	70	Vfsd	89	24.0	11.71	2.34	17.43	13.6	0.22	34.89
109	P	18.12.	08°23.6'	79°29.3'	83	2	70	70	70	Vfsd	74	29.7	7.43	1.93	7.66	15.0	0.22	35.01
110	S	18.12.	08°15.8'	79°24.1'	71	2	45	30	60	Vfsd	119	19.5	9.76	1.38	4.47	15.1	0.09	34.96
111	P	18.12.	08°17.4'	79°17.0'	65	2	90	80	100	Vfsd	122	22.5	8.36	2.23	5.37	15.5	0.00	34.97
112	S	18.12.	08°15.4'	79°01.9'	25	3	100	-	-	Silt	<63	91.3	9.44	1.33	4.31	15.8	0.70	35.02
113	S	18.12.	08°18.4'	79°08.3'	50	3	93	80	100	Msd	316	12.4	4.39	1.03	3.32	15.0	0.09	34.95
114	S	19.12.	08°33.0'	79°45.2'	150	3	70	30	100	Silt	<63	77.4	7.92	1.50	6.49	13.7	0.23	34.90
115	S	19.12.	08°35.1'	79°50.4'	200	2	55	30	80	Vfsd	105	37.0	10.14	3.32	46.74	13.2	0.18	34.95
116	P	19.12.	08°17.8'	80°11.1'	220	2	8	5	10	Fsd	172	21.0	12.74	2.94	73.40	13.5	0.23	34.95
117	P	19.12.	08°18.2'	80°03.5'	220	2	40	30	50	Vfsd	108	31.4	15.66	4.36	9.35	13.5	0.54	34.98
118	P	19.12.	08°18.5'	79°55.2'	206	2	65	50	80	Vfsd	80	43.0	17.32	4.53	43.32	13.4	0.22	34.99
119	S	19.12.	08°36.6'	79°55.1'	310	1	10	-	-	Fsd	209	14.4	6.54	1.76	80.83	11.2	0.41	-
120	P	19.12.	08°52.9'	79°55.6'	415	1	5	-	-	-	-	-	-	-	-	11.3	0.18	34.93
121	P	19.12.	08°53.2'	79°46.9'	120	2	25	20	30	Fsd	155	5.9	3.73	1.00	66.94	14.2	0.22	34.97
122	P	19.12.	08°55.8'	79°45.0'	115	1	20	-	-	Vfsd	84	31.8	2.77	0.71	54.83	14.5	0.13	34.94
123	P	20.12.	08°58.8'	78°55.5'	33	2	35	20	50	Fsd	144	11.6	7.48	0.15	4.67	14.2	0.27	34.97
124	P	20.12.	08°48.6'	79°01.2'	76	2	25	20	30	Fsd	187	7.6	5.18	1.55	2.55	14.4	0.23	34.90
125	P	20.12.	08°41.5'	79°08.0'	73	2	40	20	60	Fsd	189	4.7	4.34	1.30	2.02	14.7	0.31	35.02
126	P	20.12.	08°34.0'	79°09.5'	72	2	45	30	60	Fsd	176	4.9	3.47	1.01	2.82	14.4	0.18	35.02
127	P	20.12.	08°37.9'	79°18.0'	81	2	25	20	30	Fsd	160	5.6	3.80	1.17	2.50	15.1	0.23	35.02
128	P	20.12.	08°36.2'	79°25.5'	88	2	35	20	50	Fsd	147	6.5	2.73	1.22	3.67	15.0	0.22	35.02
129	P	20.12.	08°49.3'	79°22.0'	92	2	35	20	50	Fsd	145	7.4	2.73	1.03	4.84	15.4	0.27	34.70
130	P	20.12.	08°46.8'	79°23.0'	94	2	40	30	50	Fsd	132	9.4	2.77	0.95	54.83	15.1	0.27	35.00
131	H	21.12.	10°06.1'	78°15.4'	100	3	100	-	-	Vfsd	81	37.1	17.97	5.75	1.91	13.7	0.27	35.00

TAB. 11 : R.V. HUMBOLDT, CRUISE 8502 / BIC HUMBOLDT, CRUCERO 8502 (31.01 - 04.03.1985)

STATION Nr.	DATE Type	1985	LOCATION		DEPTH m	GRAB			SEDIMENT				TEMP		D °C	SAL ‰		
			Latitude S	Longitude W		Nr.	% Content Mean	Min	Max	Type	Md µm	Silt %	OS %	OC %			CaCO ₃ %	
1	T	01.02.	13°20.0'	76°20.2'	25	2	73	70	75	Silt	<63	73.4	4.7	1.1	4.0	14.5	0.39	-
2	T	01.02.	13°19.0'	76°22.5'	50	2	100	-	-	Silt	<63	76.5	9.1	2.3	7.9	14.1	0.49	-
3	T	01.02.	13°21.0'	76°26.5'	96	2	98	95	100	Silt	<63	61.2	18.8	6.0	30.1	13.8	0.39	-
4	T	01.02.	13°41.0'	76°39.9'	165	2	80	80	80	Vfsd	92	32.5	15.9	6.2	7.6	13.4	0.49	34.88
5	T	01.02.	13°34.6'	76°50.8'	370	1	20	-	-	-	-	-	-	-	-	10.9	0.54	34.61
6	C	05.02.	12°08.8'	77°23.2'	198	1	5	-	-	-	-	-	-	-	-	13.1	0.69	-
7	C	05.02.	12°10.5'	77°17.0'	150	2	55	50	60	Vfsd	82	30.0	9.6	3.4	6.3	13.7	0.81	34.76
8	C	05.02.	12°10.5'	77°14.5'	100	2	85	80	90	Fsd	145	20.8	16.5	5.5	19.0	14.0	0.74	-
9	C	05.02.	12°11.4'	77°09.2'	53	2	80	70	90	Silt	<63	64.0	6.1	1.7	4.7	14.4	0.59	-
10	C	05.02.	12°09.0'	77°06.5'	26	2	50	10	90	Vfsd	72	30.2	2.8	0.3	1.9	14.9	0.92	-
11	Ho	09.02.	11°21.6'	78°01.7'	307	2	55	50	60	Silt	<63	54.3	11.7	4.3	9.0	11.5	0.69	34.67
12	Ho	09.02.	11°18.7'	77°56.4'	205	2	60	50	70	Fsd	167	6.6	19.0	6.6	16.7	13.2	0.66	34.74
13	Ho	09.02.	11°16.5'	77°52.2'	150	2	30	30	30	-	-	-	-	-	-	13.4	0.69	34.76
14	Ho	09.02.	11°12.6'	77°45.8'	101	2	88	75	100	Vfsd	65	47.6	7.7	2.3	4.7	13.9	0.58	-
15	Ho	10.02.	11°09.5'	77°41.0'	49	2	98	95	100	Silt	<63	71.2	8.4	1.9	8.8	12.8	0.51	-
16	Ho	10.02.	11°08.7'	77°39.0'	26	2	100	-	-	Silt	<63	84.6	7.3	1.4	6.2	14.3	0.94	-
17	Hv	12.02.	10°35.2'	78°41.5'	464	1	50	-	-	Msd	324	25.8	17.5	5.0	12.1	12.3	0.78	-
18	Hy	12.02.	10°33.9'	78°40.2'	319	2	36	20	50	Fsd	185	8.5	10.6	2.3	17.9	12.0	0.59	-
19	Hv	12.02.	10°21.8'	78°18.8'	161	2	50	40	60	Silt	<63	81.9	5.7	1.1	4.8	13.3	1.52	-
20	Hy	12.02.	10°17.8'	78°10.9'	111	2	88	80	95	Silt	<63	50.1	19.0	6.5	14.5	13.5	0.87	-
21	Hv	12.02.	10°17.7'	78°05.3'	57	2	50	50	50	Fsd	143	13.1	2.7	1.2	1.9	14.0	0.68	-
22	Hy	12.02.	10°18.3'	78°04.3'	29	2	20	20	20	Vfsd	83	20.6	1.7	0.2	1.6	14.3	1.12	-

TAB. 12 : R.V. HUMBOLDT, CRUISE B503 / BIC HUMBOLDT, CRUCERO B503 (23.03 - 05.04.1985)

STATION Nr.	DATE 1985	LOCATION		DEPTH m	GRAB			SEDIMENT					TEMP		SAL			
		Latitude S	Longitude W		Nr.	% Content Mean	Min	Max	Type	Md µm	Silt %	OS %	OC %	CaCO ₃ %		°C	ml/l	‰
1	P	24.03.	08°51.9'	79°04.1'	83	2	75	75	75	-	-	-	-	-	-	14.1	0.29	34.94
2	P	24.03.	08°57.0'	79°20.0'	97	2	13	10	15	Vf sd	73	27.6	2.9	1.2	3.6	14.3	0.24	34.94
3	P	24.03.	08°52.5'	79°55.3'	250	1	75	-	-	Vf sd	101	7.8	6.6	1.7	5.6	13.5	0.24	34.91
4	P	24.03.	08°47.0'	79°47.0'	119	2	30	30	30	Fsd	217	6.0	4.2	1.2	78.6	14.0	0.53	34.94
5	P	24.03.	08°38.2'	79°55.8'	220	2	40	30	50	Fsd	176	11.7	8.0	2.6	65.0	13.5	0.15	34.90
6	S	24.03.	08°32.7'	79°56.8'	300	2	23	20	25	Csd	589	8.0	11.1	0.8	65.7	12.0	0.29	34.81
7	S	24.03.	08°34.9'	79°52.9'	200	1	75	-	-	Fsd	133	18.5	12.7	3.3	43.2	13.6	0.19	34.93
8	S	25.03.	08°32.2'	79°47.2'	150	2	70	60	80	-	-	-	-	-	-	14.2	0.19	34.95
9	S	25.03.	08°29.2'	79°40.7'	100	2	13	10	15	-	-	-	-	-	-	14.7	0.29	34.95
10	S	25.03.	08°23.7'	79°23.0'	75	2	45	30	60	Vf sd	123	10.4	5.4	1.6	3.6	14.5	0.05	34.98
11	S	25.03.	08°18.8'	79°10.2'	50	2	80	70	90	-	-	-	-	-	-	15.8	0.05	34.99
12	S	25.03.	08°16.5'	79°05.4'	25	2	100	-	-	-	-	-	-	-	-	16.2	0.69	34.98
13	P	25.03.	08°15.7'	79°17.0'	60	2	100	-	-	-	-	-	-	-	-	14.7	0.00	35.01
14	P	25.03.	08°13.1'	79°27.3'	77	2	70	70	70	Vf sd	119	12.9	5.3	1.6	2.9	14.5	0.00	35.00
15	P	25.03.	08°04.2'	79°45.0'	134	1	10	-	-	-	-	-	-	-	-	14.2	0.15	35.00
16	P	25.03.	07°49.7'	80°11.2'	205	1	100	-	-	-	-	-	-	-	-	13.7	0.27	35.03
17	P	25.03.	07°39.0'	80°03.0'	137	1	10	-	-	Fsd	178	21.9	7.5	2.9	77.1	14.2	0.20	35.00
18	P	25.03.	07°27.4'	79°52.0'	83	1	10	-	-	Fsd	163	8.1	3.5	3.1	4.2	14.4	0.00	35.01
19	P	26.03.	07°14.2'	80°16.2'	82	1	10	-	-	-	-	-	-	-	-	14.7	0.34	34.99
20	P	26.03.	07°13.0'	80°29.0'	110	1	60	-	-	Silt	<63	55.3	9.1	2.1	15.8	14.5	0.24	34.98
21	P	26.03.	07°10.7'	80°44.5'	270	1	70	-	-	Silt	<63	91.3	-	1.4	3.5	13.5	0.19	34.92
22	P	26.03.	06°57.0'	80°41.8'	120	1	70	-	-	Vf sd	79	12.7	5.1	1.0	6.2	14.4	0.53	34.97
23	P	26.03.	06°55.0'	80°46.8'	153	1	20	-	-	Vf sd	80	17.4	4.2	1.3	1.8	14.3	0.54	35.18
24	P	26.03.	06°50.7'	80°46.8'	235	1	50	-	-	Vf sd	107	15.2	10.4	3.6	2.5	14.1	0.29	35.16
25	P	26.03.	06°48.2'	80°46.2'	128	1	30	-	-	Vf sd	75	17.5	12.3	1.6	4.0	13.4	0.39	35.18
26	Pm	26.03.	06°58.6'	80°56.9'	300	1	10	-	-	-	-	-	-	-	-	13.0	0.16	35.12
27	Pm	27.03.	06°59.0'	80°49.7'	200	1	5	-	-	Vf sd	82	28.8	8.1	1.8	7.6	13.8	0.34	35.16
28	Pm	27.03.	06°58.0'	80°48.5'	150	2	4	2	5	Vf sd	71	32.8	5.3	1.3	4.7	14.4	0.54	35.17
29	Pm	27.03.	06°59.3'	80°45.5'	100	2	40	40	40	-	-	-	-	-	-	14.4	0.38	35.16
30	Pm	27.03.	06°59.4'	80°43.0'	75	2	36	30	40	Fsd	244	95.5	4.6	0.9	73.4	14.6	0.34	35.16
31	Pm	27.03.	06°54.0'	80°16.4'	50	2	55	50	60	Fsd	125	6.1	3.4	1.0	7.1	14.8	0.19	35.18
32	P	27.03.	06°50.7'	80°23.8'	50	1	50	-	-	Vf sd	88	13.6	5.2	1.4	5.3	14.8	0.15	35.18
33	P	27.03.	06°54.8'	80°30.8'	70	1	75	-	-	Vf sd	102	9.1	3.8	0.9	9.2	14.7	0.15	35.18
34	P	27.03.	06°52.7'	80°36.5'	70	1	40	-	-	-	-	-	-	-	-	14.7	0.38	35.19
35	P	27.03.	06°50.3'	80°45.7'	99	1	50	-	-	Vf sd	98	9.7	4.8	1.0	8.1	14.5	0.39	35.18
36	P	27.03.	06°44.7'	80°46.5'	140	1	45	-	-	Vf sd	75	18.9	6.5	1.6	3.7	14.2	0.34	35.18
37	P	27.03.	06°32.0'	80°55.0'	139	1	20	-	-	Vf sd	76	14.3	4.2	1.0	3.8	14.6	0.39	35.16
38	P	27.03.	06°26.5'	80°50.0'	147	1	90	-	-	Vf sd	79	24.7	6.7	1.6	5.5	14.4	0.34	35.18
39	P	28.03.	06°21.1'	80°53.6'	60	1	80	-	-	Silt	<63	61.2	13.8	0.8	12.8	15.0	0.44	35.18
40	P	28.03.	06°16.8'	80°59.2'	65	1	80	-	-	Silt	<63	76.5	11.4	3.7	8.5	15.0	0.29	34.74
41	P	28.03.	06°05.0'	81°10.0'	159	1	100	-	-	Vf sd	88	25.2	5.1	0.1	2.6	14.2	0.49	34.73
42	P	28.03.	05°42.7'	81°13.9'	107	1	10	-	-	-	-	-	-	-	-	14.4	0.54	34.74
43	P	28.03.	05°44.0'	81°17.0'	177	1	60	-	-	Silt	<63	71.8	12.8	7.1	10.8	14.7	0.73	34.71
44	P	29.03.	05°43.1'	81°03.5'	66	1	55	-	-	Fsd	169	11.4	3.2	0.6	2.1	14.4	0.44	34.75
45	P	29.03.	05°41.4'	81°05.8'	70	1	55	-	-	Fsd	148	17.0	2.9	0.5	2.3	14.8	0.54	34.74

TAB. 12 (CONTINUED / CONTINUADO)

STATION Nr. Type	DATE 1985	LOCATION		DEPTH m	GRAB Nr.	CONTENT			GRAB Type	SEDIMENT				TEMP °C	D ml/l	SAL %	
		Latitude S	Longitude W			Mean	Min	Max		Md µm	Silt %	OS %	OC %				CaCO ₃ %
46 P	29.03.	05°39.2'	81°12.3'	60	1	20	-	-	-	-	-	-	-	14.7	0.53	34.76	
47 P	29.03.	05°36.7'	81°14.4'	108	1	30	-	-	Vfsd	73	26.4	4.3	0.0	2.5	14.5	0.53	34.75
48 P	29.03.	05°34.0'	81°17.4'	262	1	100	-	-	Msd	324	7.2	13.3	3.0	8.2	-	0.97	34.74
49 P	29.03.	05°28.4'	81°13.7'	108	1	30	-	-	Vfsd	77	25.8	5.1	0.9	2.4	14.6	0.77	34.74
50 P	29.03.	05°30.2'	81°08.3'	68	1	40	-	-	-	-	-	-	-	14.7	0.78	34.76	
51 P	29.03.	05°31.1'	81°07.2'	71	1	40	-	-	Vfsd	110	18.4	3.2	0.5	2.5	14.7	0.78	34.76

TAB. 13 : R.V. HUMBOLDT, CRUISE 8701-02 / BIC HUMBOLDT, CRUCERO 8701-02 (24.01 - 05.02.1987)

STATION Nr.	DATE 1987	LOCATION		DEPTH m	GRAB			SEDIMENT					TEMP		SAL ‰			
		Latitude S	Longitude W		Nr.	% Content Mean	Min	Max	Type	Md µm	Silt %	OS %	OC %	CaCO ₃ %		°C	ml/l	
1	P	24.01.	09°17.6'	79°26.2'	164	2	25	25	25	-	-	-	-	-	-	14.9	0.77	35.11
2	P	24.01.	09°03.4'	79°45.0'	128	2	18	12	25	-	-	-	-	-	-	15.6	1.06	35.05
3	P	25.01.	08°43.6'	79°29.5'	99	2	13	13	13	-	-	-	-	-	-	18.5	1.69	35.06
4	P	25.01.	08°45.1'	79°21.3'	89	2	25	25	25	-	-	-	-	-	-	16.0	2.89	35.00
5	S	25.01.	08°30.8'	79°12.5'	75	2	31	12	50	-	-	-	-	-	-	15.6	0.73	34.98
6	P	26.01.	08°25.9'	79°36.4'	86	2	31	12	50	-	-	-	-	-	-	14.1	0.53	34.95
7	P	26.01.	08°23.2'	79°43.5'	129	1	75	-	-	-	-	-	-	-	-	15.9	0.96	34.98
8	P	27.01.	08°10.4'	79°36.0'	82	2	50	50	50	-	-	-	-	-	-	14.3	0.48	34.92
9	P	27.01.	08°04.2'	79°44.8'	147	1	50	-	-	-	-	-	-	-	-	14.0	0.34	34.91
10	P	27.01.	07°43.3'	79°48.4'	110	1	75	-	-	-	-	-	-	-	-	16.2	1.26	35.02
11	P	27.01.	07°35.6'	79°47.5'	90	2	50	50	50	-	-	-	-	-	-	15.3	0.67	35.02
12	P	28.01.	07°24.3'	80°00.0'	81	1	12	-	-	-	-	-	-	-	-	15.0	0.58	34.93
13	P	28.01.	07°30.6'	80°07.8'	116	1	90	-	-	-	-	-	-	-	-	14.3	0.67	34.91
14	P	28.01.	07°23.6'	80°36.8'	160	1	75	-	-	-	-	-	-	-	-	15.5	0.95	35.14
15	P	29.01.	07°19.6'	80°40.3'	145	1	50	-	-	-	-	-	-	-	-	16.9	1.01	35.05
16	P	29.01.	07°13.3'	80°08.0'	75	1	75	-	-	-	-	-	-	-	-	19.1	2.47	35.11
17	P	29.01.	07°04.8'	80°06.3'	55	2	62	50	75	-	-	-	-	-	-	19.3	2.50	35.03
18	Pm	30.01.	06°51.7'	80°22.5'	48	2	62	50	75	-	-	-	-	-	-	18.7	2.07	35.02
19	P	30.01.	06°52.2'	80°26.3'	50	2	50	25	75	-	-	-	-	-	-	18.8	2.36	35.08
20	P	30.01.	06°47.0'	80°39.2'	65	1	50	-	-	-	-	-	-	-	-	18.0	2.02	35.11
21	P	30.01.	06°48.0'	80°37.5'	62	1	50	-	-	-	-	-	-	-	-	17.0	1.73	35.11
22	P	30.01.	06°47.9'	80°45.6'	90	1	25	-	-	-	-	-	-	-	-	17.9	1.93	35.02
23	P	30.01.	06°55.5'	80°49.2'	166	1	12	-	-	-	-	-	-	-	-	22.3	4.57	34.94
24	P	31.01.	06°38.1'	80°44.1'	55	1	12	-	-	-	-	-	-	-	-	18.3	1.78	35.02
25	P	31.01.	06°35.3'	80°47.9'	43	2	50	50	50	-	-	-	-	-	-	17.2	1.64	35.10
26	P	31.01.	06°32.0'	80°54.4'	115	2	50	50	50	-	-	-	-	-	-	16.8	1.73	35.10
27	P	31.01.	06°30.5'	80°55.5'	138	1	50	-	-	-	-	-	-	-	-	16.6	1.44	35.07
28	P	31.01.	06°26.6'	80°57.5'	162	1	10	-	-	-	-	-	-	-	-	22.3	4.44	35.02
29	P	31.01.	06°23.8'	80°58.6'	161	1	100	-	-	-	-	-	-	-	-	20.8	1.59	35.12
30	P	01.02.	06°17.3'	81°00.0'	55	1	100	-	-	-	-	-	-	-	-	16.5	1.44	35.11
31	P	01.02.	05°58.5'	81°10.7'	85	1	100	-	-	-	-	-	-	-	-	18.8	2.70	35.02
32	P	01.02.	05°36.5'	81°12.9'	80	1	12	-	-	-	-	-	-	-	-	17.7	2.21	35.08
33	P	01.02.	05°31.5'	81°14.2'	80	1	10	-	-	-	-	-	-	-	-	18.3	2.41	35.16
34	P	02.02.	04°05.4'	81°07.4'	125	2	100	-	-	-	-	-	-	-	-	15.5	1.44	34.89
35	P	02.02.	04°03.5'	81°06.5'	80	2	100	-	-	-	-	-	-	-	-	17.2	1.78	35.18
36	P	02.02.	03°58.3'	81°04.4'	210	1	100	-	-	-	-	-	-	-	-	16.1	1.25	35.11
37	P	02.02.	03°56.3'	81°05.0'	140	1	50	-	-	-	-	-	-	-	-	17.8	2.17	35.08
38	P	02.02.	03°49.0'	81°02.4'	200	2	62	50	75	-	-	-	-	-	-	15.7	1.49	35.09
39	P	02.02.	03°43.8'	80°56.8'	120	1	50	-	-	-	-	-	-	-	-	18.1	2.65	35.02
40	P	02.02.	03°39.6'	80°57.7'	220	1	50	-	-	-	-	-	-	-	-	23.6	5.05	34.70
41	P	02.02.	03°34.8'	80°57.6'	230	1	25	-	-	-	-	-	-	-	-	23.0	4.24	34.71
42	P	03.02.	03°27.2'	80°49.4'	75	2	18	12	25	-	-	-	-	-	-	25.1	5.01	34.86
43	P	03.02.	03°25.1'	80°45.1'	72	2	62	50	75	-	-	-	-	-	-	19.7	2.94	35.00
44	P	03.02.	03°35.5'	80°44.9'	67	1	75	-	-	-	-	-	-	-	-	21.9	3.95	34.80
45	P	03.02.	03°44.5'	80°54.9'	89	2	100	-	-	-	-	-	-	-	-	22.4	4.09	34.84

TAB. 13 (CONTINUED / CONTINUADO)

STATION Nr.	DATE Type	LOCATION		DEPTH m	GRAB Nr.	CONTENT			SEDIMENT					TEMP		SAL ‰		
		Latitude S	Longitude W			Mean	Min	Max	Type	Md µm	Silt %	OS %	OC %	CaCO ₃ %	°C		°	
46	P	03.02.	03°51.3'	80°57.1'	60	2	100	-	-	-	-	-	-	-	-	21.0	3.61	34.92
47	P	03.02.	03°56.1'	80°59.6'	60	2	100	-	-	-	-	-	-	-	-	19.4	2.70	34.09
48	P	03.02.	04°00.0'	81°02.6'	79	2	100	-	-	-	-	-	-	-	-	17.9	2.02	35.03
49	P	04.02.	04°51.6'	81°25.0'	150	1	10	-	-	-	-	-	-	-	-	18.1	1.68	35.09
50	P	04.02.	04°55.6'	81°20.1'	142	2	100	-	-	-	-	-	-	-	-	16.3	2.26	34.99
51	P	04.02.	04°57.6'	81°20.1'	86	2	100	-	-	-	-	-	-	-	-	16.6	1.59	34.06
52	P	04.02.	05°00.7'	81°22.2'	149	2	18	12	25	-	-	-	-	-	-	17.6	1.93	35.11
53	P	04.02.	05°06.4'	81°23.1'	196	1	100	-	-	-	-	-	-	-	-	19.3	2.31	35.01
54	P	04.02.	05°02.6'	81°17.7'	101	1	100	-	-	-	-	-	-	-	-	17.6	1.78	35.05
55	P	04.02.	04°59.6'	81°17.8'	81	2	100	-	-	-	-	-	-	-	-	18.6	2.07	35.07
56	P	05.02.	05°17.6'	81°16.9'	112	1	50	-	-	-	-	-	-	-	-	20.7	2.94	34.90
57	P	05.02.	05°20.7'	81°13.3'	88	2	100	-	-	-	-	-	-	-	-	20.2	2.60	34.95
58	P	05.02.	05°24.5'	81°09.6'	64	2	37	25	50	-	-	-	-	-	-	17.4	1.68	35.05
59	P	05.02.	05°27.5'	81°08.2'	65	2	62	50	75	-	-	-	-	-	-	19.0	2.31	35.03
60	P	05.02.	05°25.7'	81°14.4'	109	2	50	50	50	-	-	-	-	-	-	19.8	2.65	34.96
61	P	05.02.	05°33.2'	81°13.8'	79	2	18	12	25	-	-	-	-	-	-	19.2	2.02	35.08
62	P	05.02.	05°35.3'	81°13.5'	80	1	10	-	-	-	-	-	-	-	-	19.8	2.65	34.97
63	P	05.02.	05°34.0'	81°06.4'	71	2	50	50	50	-	-	-	-	-	-	19.2	2.02	35.08