

MICROPLANKTON RANGE CHART

FOR HOWMAINS-1 OTWAY BASIN.

ANALYSIS BY: Alan D. PARTRIDGE

18th SEPTEMBER 1994

DEPT. NAT. RES & ENV



PE900750

1036.0 M	SWC-30	.	.	1 CIRCULISPORITES PARVUS
1072.0 M	SWC-29	.	R	2 AMOSOPOLIS CRUCIFORMIS
1483.0 M	SWC-28	.	C	3 MICRHYSTRIDIUM SP. A Marshall 1989
1558.0 M	SWC-27	R	R	4 LECANIETTA SP.
1632.0 M	SWC-26	F	.	5 MICRHYSTRIDIUM SPP.
1663.0 M	SWC-25	R	.	6 TASMANITES SP.
1807.0 M	SWC-24	A	.	7 VERVYHACHTUM SPP.
1815.0 M	SWC-23	A	.	8 LECANIETTA DICTYOTA
1828.0 M	SWC-22	A	.	9 SPINIFERITES FURCATUS/RAMOSUS
1838.0 M	SWC-21	H	.	10 CRI BRO PERIDINUM EDWARDSII
1847.0 M	SWC-20	A	.	11 CYCLONEPHELIUM DISTINCTUM
1854.0 M	SWC-19	A	.	12 ODONTOCHITINA COSTATA
1860.0 M	SWC-18	R	R	13 ODONTOCHITINA OPERCULATA
1882.0 M	SWC-15	R	F	14 OLIGOSPHAERIDIUM PULCHERRIMUM
1887.5 M	SWC-13	R	F	15 PALAEOPERIDINUM CRETACEUM
1904.0 M	SWC-10	.	.	16 KIOKANSIUM POLYPES
1907.0 M	SWC-09	.	.	17 OLIGOSPHAERIDIUM COMPLEX
1936.0 M	SWC-07	R	.	18 CYCLONEPHELIUM COMPACTUM
1997.0 M	SWC-04	.	.	19 EXOCHOSPHAERIDIUM PHAGMITES sensus lato
2098.0 M	SWC-01	R	.	20 PALAOHYSTRICHOPHORA INFUSORIOIDES
			.	21 CRI BRO PERIDINUM SP.
			.	22 CYMATIOSPHAERA SPP.
			.	23 HETEROSPHAERIDIUM HETERACANTHUM
			.	24 HETEROSPHAERIDIUM SPP. (indet. specimens)
			.	25 APTEODINUM SP.
			.	26 CHLAMYDOPHORELLA NYEI
			.	27 CRI BRO PERIDINUM COORSONIAE
			.	28 CYCLONEPHELIUM VANNOPHORUM
			.	29 HETEROSPHAERIDIUM CONJUNCTUM
			.	30 ISABELIDINUM SPP.
			.	31 NUMMUS SP. CF N. MONOCULATUS
			.	32 VALENSTIELLA GRIPHIUS
			.	33 CLEISTOSPHAERIDIUM ANCIRIFERUM
			.	34 HYSTRICHODINUM PULCHRUM
			.	35 CONOSPHAERIDIUM STRIATOCONUS
			.	36 GILLINTA HYMENOPHORA
			.	37 TRICHODINUM CASTANEA
			.	38 XIPHOPHORIDIUM ALATUM
			.	39 CIRCULODINUM SP. (granulate)
			.	40 ODONTOCHITINA CRIBROPODA
			.	41 TANYOSPHAERIDIUM SALPINX
			.	42 CHATANGIELLA VICTORIENSIS
			.	43 ISABELIDINUM BELFASTENSE
			.	44 AMPHIDIADEMA DENTICULATA
			.	45 CIRCULODINUM SP.
			.	46 HETEROSPHAERIDIUM EVANSII MS
			.	47 ISABELIDINUM ROTUNDATUM MS
			.	48 ISABELIDINUM THOMASII
			.	49 ODONTOCHITINA PORIFERA
			.	50 NELSONIELLA ACERAS
			.	51 TRICHODINUM SP.
			.	52 NELSONIELLA TUBERCULATA
			.	53 XENIKOON AUSTRALIS
			.	54 CORDOSPHAERIDIUM INODES
			.	55 DEFLANDREA SP.
			.	56 GLAPHROCYSTA SP.
			.	57 PARALECANIELLA INDENTATA
			.	58 microforaminiferal inner liners
			.	59 botryococcus

Format: Relative Abundance: By Lowest Appearance

Key to Symbols

M = MODERN CONTAMINATION
 D = CAVED CONTAMINATION
 W = REWORKED SPECIMEN(S)
 X = PRESENT
 I = SINGLE SPECIMEN
 R = RARE <1%
 F = FREQUENT >1% - <5%
 C = COMMON >5% - <20%
 A = ABUNDANT >20% - <50%
 H = VERY ABUNDANT >50%
 ? = Questionably Present
 . = Not Present

SPECIES LOCATION INDEX

CHART

COLUMN SPECIES

2	AMOSOPOLIS CRUCIFORMIS	.	.	29 HETEROSPHAERIDIUM CONJUNCTUM
44	AMPHIDIADEMA DENTICULATA	.	.	46 HETEROSPHAERIDIUM EVANSII MS
25	APTEODINUM SP.	.	.	23 HETEROSPHAERIDIUM HETERACANTHUM
42	CHATANGIELLA VICTORIENSIS	.	.	24 HETEROSPHAERIDIUM SPP. (indet. specimens)
26	CHLAMYDOPHORELLA NYEI	.	.	34 HYSTRICHODINUM PULCHRUM
1	CIRCULISPORITES PARVUS	.	.	35 CONOSPHAERIDIUM STRIATOCONUS
45	CIRCULODINUM SP.	.	.	36 GILLINTA HYMENOPHORA
39	CLEISTOSPHAERIDIUM ANCORIFERUM	.	.	37 TRICHODINUM CASTANEA
33	CONOSPHAERIDIUM STRIATOCONUS	.	.	38 XIPHOPHORIDIUM ALATUM
35	CORDOSPHAERIDIUM INODES	.	.	39 CIRCULODINUM SP. (granulate)
54	CRTEROPERIDINUM COOKSONIAE	.	.	40 ODONTOCHITINA CRIBROPODA
27	CRTEROPERIDINUM EDWARDSII	.	.	41 TANYOSPHAERIDIUM SALPINX
21	CRTEROPERIDINUM SP.	.	.	42 CHATANGIELLA VICTORIENSIS
18	CYCLONEPHELIUM COMPACTUM	.	.	43 ISABELIDINUM BELFASTENSE
11	CYCLONEPHELIUM DISTINCTUM	.	.	44 AMPHIDIADEMA DENTICULATA
28	CYCLONEPHELIUM VANNOPHORUM	.	.	45 CIRCULODINUM SP.
22	CYMATIOSPHAERA SPP.	.	.	46 HETEROSPHAERIDIUM EVANSII MS
55	DEFLANDREA SP.	.	.	47 ISABELIDINUM ROTUNDATUM MS
19	EXOCHOSPHAERIDIUM PHAGMITES sensus lato	.	.	48 ISABELIDINUM THOMASII
36	GILLINTA HYMENOPHORA	.	.	49 ODONTOCHITINA PORIFERA
56	GLAPHROCYSTA SP.	.	.	50 NELSONIELLA ACERAS
29	HETEROSPHAERIDIUM CONJUNCTUM	.	.	51 TRICHODINUM SP.
46	HETEROSPHAERIDIUM EVANSII MS	.	.	52 NELSONIELLA TUBERCULATA
23	HETEROSPHAERIDIUM HETERACANTHUM	.	.	53 XENIKOON AUSTRALIS
24	HETEROSPHAERIDIUM SPP. (indet. specimens)	.	.	54 CORDOSPHAERIDIUM INODES
34	HYSTRICHODINUM PULCHRUM	.	.	55 DEFLANDREA SP.
43	ISABELIDINUM BELFASTENSE	.	.	56 GLAPHROCYSTA SP.
47	ISABELIDINUM ROTUNDATUM MS	.	.	57 PARALECANIELLA INDENTATA
30	ISABELIDINUM SPP.	.	.	58 microforaminiferal inner liners
48	ISABELIDINUM THOMASII	.	.	59 botryococcus
16	KIOKANSIUM POLYPES	.	.	
8	LECANIELLA DICTYOTA	.	.	
4	LECANIELLA SP.	.	.	
3	MICRHYSTRIDIUM SP. A Marshall 1989	.	.	
5	MICRHYSTRIDIUM SPP.	.	.	
50	NELSONIELLA ACERAS	.	.	
52	NELSONIELLA TUBERCULATA	.	.	
31	NUPMUS SP. CF N. MONOCULATUS	.	.	
32	ODONTOCHITINA COSTATA	.	.	
40	ODONTOCHITINA CRIBROPODA	.	.	
13	ODONTOCHITINA OPERCULATA	.	.	
49	ODONTOCHITINA PORIFERA	.	.	
17	OLIGOSPHAERIDIUM COMPLEX	.	.	
14	OLIGOSPHAERIDIUM PULCHRUM	.	.	
20	PALAOHYSTRICHOPHORA INFUSORIOIDES	.	.	
15	PALAEOPERIDINUM CRETACEUM	.	.	
57	PARALECANIELLA INDENTATA	.	.	
9	SPINIFERITES FURCATUS/RAMOSUS	.	.	
41	TANYOSPHAERIDIUM SALPINX	.	.	
6	TASMANITES SP.	.	.	
37	TRICHODINUM CASTANEA	.	.	
51	TRICHODINUM SP.	.	.	
32	VALENSTIELLA GRIPHIUS	.	.	
7	VERYHACHTUM SPP.	.	.	
53	XENIKOON AUSTRALIS	.	.	
38	XIPHOPHORIDIUM ALATUM	.	.	
59	botryococcus	.	.	