MICROPLANKTON RANGE CHART FOR VAUGHAN-1 OTWAY BASIN.

APPENDIX 10

Format: Relative Abundance By Lowest Appearance

ANALYSIS BY: Alan D. PARTRIDGE

23rd MAY 1995

Key to Symbols

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

DEPT. MAT. RES & ENV
PE900753

SPECIES LOCATION INDEX

CHART COLUMN	SPECIES
38	AMOSOPOLLIS CRUCIFORMIS
20	AMPHIDIADEMA NUCULA
1	CALLAIOSPHAERIDIUM ASYMMETRICUM
10	CHLAMYDOPHORELLA NYEI
34	CIRCULISPORITES PARVUS
17	CIRCULODINIUM DEFLANDREI
6	CRIBROPERIDINIUM EDWARDSII
7	CRIBROPERIDINIUM SP.
11	CYCLONEPHELIUM COMPACTUM
39	CYMATIOSPHAERA SPP.
29	DEFLANDREA SPECIOSUS
28	DEFLANDREA SPP.
2	EXOCHOSPHAERIDIUM PHRAGMITES sensus lato
14	HETEROSPHAERIDIUM HETERACANTHUM
15	HETEROSPHAERIDIUM SPP. (indet. specimens)
18	ISABELIDINIUM SPP.
21	ISABELIDINIUM THOMASII
3	KIOKANSIUM POLYPES
41	LECANIELLA SP.
25	MANUMIELLA CONORATA
26	MANUMIELLA SEELANDICA
35	MICRHYSTRIDIUM SP. A Marshall 1989
40	MICRHYSTRIDIUM SPP.
22	NELSONIELLA ACERAS
23	NELSONIELLA TUBERCULATA
8	ODONTOCHITINA COSTATA
9	ODONTOCHITINA OPERCULATA
24	ODONTOCHITINA PORIFERA
4	OLIGOSPHAERIDINIUM COMPLEX
5	OLIGOSPHAERIDIUM PULCHERRIMUM
30	OPERCULODINIUM CENTROCARPUM
12	PALAEOHYSTRICHOPHORA INFUSORIOIDES
16	PALAEOPERIDINIUM CRETACEUM
43	PALAMBAGES SPP.
27	PARALECANIELLA INDENTATA
42	SCHIZOCYSTIA LAEVIGATA
33	SENEGALINIUM DILWYNENSE
36	SIGMOPOLLIS HISPIDUS
31	SPINIDINIUM SPP.
32	SPINIFERITES SP. CF. S. CORNUTA
13	SPINIFERITES SPP.
44	TASMANITES SP.
19	VALENSIELLA GRIPHUS
37	VERYHACHIUM SPP.
46	botryococcus

	0803.0 M SWC-24	0874.0 M SWC-23	0883.0 M SWC-22	0889.0 M SWC-21	0895.0 M SWC-20	1164.0 M SWC-19	1595.5 M SWC-18	1599.5 M SWC-17	1609.0 M SWC-15	1622.0 M SWC-13	1631.0 M SWC-12	1650.0 M SWC-11	1674.0 M SWC-09	1689.0 M SWC-07	1692.5 M SWC-06	1797.0 M SWC-04	1899.0 M SWC-02
01 CALLAIOSPHAERIDIUM ASYMMETRICUM	.	.	.	.	.	.	.	.	.	.	.	.	.	.	R	.	.
02 EXOCHOSPHAERIDIUM PHRAGMITES sensus lato	.	.	.	.	.	.	.	.	.	.	.	.	.	.	R	.	.
03 KIOKANSIUM POLYPES	.	.	.	.	.	.	.	.	R	R	R	R	.	.	R	.	.
04 OLIGOSPHAERIDINIUM COMPLEX	.	.	.	.	.	.	C	R	.	.	.	.	.	.	R	.	.
05 OLIGOSPHAERIDIUM PULCHERRIMUM	.	.	.	.	.	.	.	.	.	.	R	R	R	.	F	.	.
06 CRIBROPERIDINIUM EDWARDSII	.	.	.	.	.	.	.	.	.	.	.	R	R	R	.	.	.
07 CRIBROPERIDINIUM SP.	.	.	.	.	.	.	.	.	R	.	.	.	.	R	.	.	.
08 ODONTOCHITINA COSTATA	.	.	.	.	.	.	R	R	.	.	.	.	.	.	.	.	.
09 ODONTOCHITINA OPERCULATA	.	.	.	.	.	.	R	F	.	.	.	R	R	R	.	.	.
10 CHLAMYDOPHORELLA NYEI	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
11 CYCLONEPHELIUM COMPACTUM	.	.	.	.	.	.	.	F	.	.	.	.	.	.	.	.	.
12 PALAEOHYSTRICHOPHORA INFUSORIOIDES	.	.	.	.	.	.	.	.	.	R	?	.	R	.	.	.	.
13 SPINIFERITES SPP.	.	.	.	.	.	F	.	.	.	.	R	A	R	.	.	.	.
14 HETEROSPHAERIDIUM HETERACANTHUM	.	.	.	.	.	A	C	F	.	.	.	R	.	.	.	.	.
15 HETEROSPHAERIDIUM SPP.	.	.	.	.	.	.	.	.	.	R	.	.	.	.	.	.	.
16 PALAEOPERIDINIUM CRETACEUM	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
17 CIRCULODINIUM DEFLANDREI	.	.	.	.	.	.	R	R	.	.	.	.	.	.	.	.	.
18 ISABELIDINIUM SPP.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
19 VALENSIELLA GRIPHUS	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
20 AMPHIDIADEMA NUCULA	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
21 ISABELIDINIUM THOMASII	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
22 NELSONIELLA ACERAS	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
23 NELSONIELLA TUBERCULATA	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
24 ODONTOCHITINA PORIFERA	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
25 MANUMIELLA CONORATA	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
26 MANUMIELLA SEELANDICA	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
27 PARALECANIELLA INDENTATA	F	C	R	R	R	.	.	.	.	.	.	.	.	.	.	.	.
28 DEFLANDREA SPP.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
29 DEFLANDREA SPECIOSUS	.	R	R	.	.	.	.	.	.	.	.	.	.	.	.	.	.
30 OPERCULODINIUM CENTROCARPUM	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
31 SPINIDINIUM SPP.	C	F	F	.	.	.	.	.	.	.	.	.	.	.	.	.	.
32 SPINIFERITES SP. CF. S. CORNUTA	.	R	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
33 SENEGALINIUM DILWYNENSE	R	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
34 CIRCULISPORITES PARVUS	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
35 MICRHYSTRIDIUM SP. A Marshall 1989	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
36 SIGMOPOLLIS HISPIDUS	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
37 VERYHACHIUM SPP.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
38 AMOSOPOLLIS CRUCIFORMIS	.	R	.	.	R	.	.	.	.	.	.	.	.	.	.	.	.
39 CYMATIOSPHAERA SPP.	.	.	.	.	.	.	C	I	A	.	.	A	R	.	.	.	.
40 MICRHYSTRIDIUM SPP.	R	R	R	.	A	R	.	.	.	.	.	.	.	.	.	.	.
41 LECANIELLA SP.	.	.	.	.	R	.	.	.	.	.	.	.	.	.	.	.	.
42 SCHIZOCYSTIA LAEVIGATA	.	.	.	.	R	R	.	.	.	.	.	.	.	.	.	.	.
43 PALAMBAGES SPP.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
44 TASMANITES SP.	F	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
45 microforaminiferal inner liners	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
46 botryococcus	R	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.