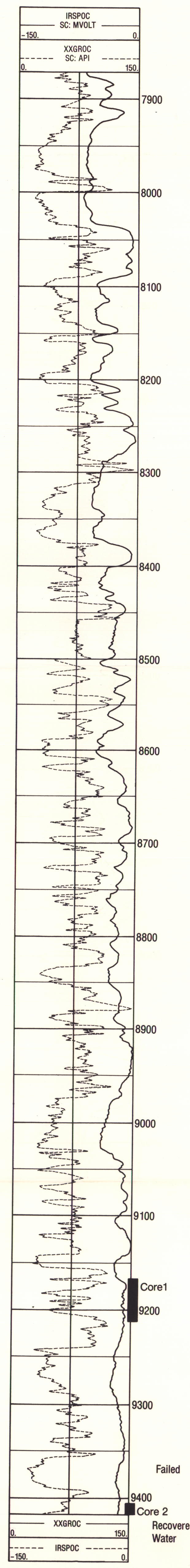
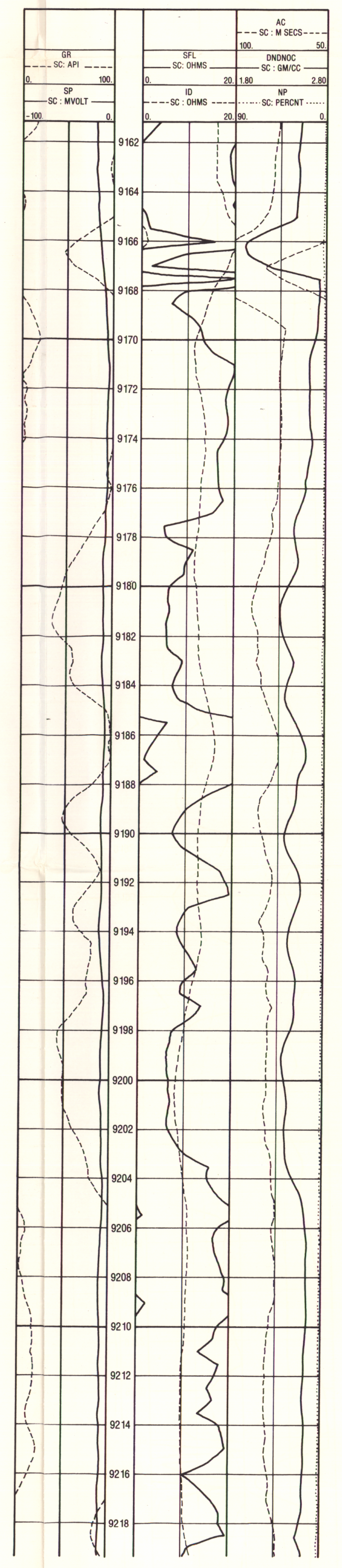
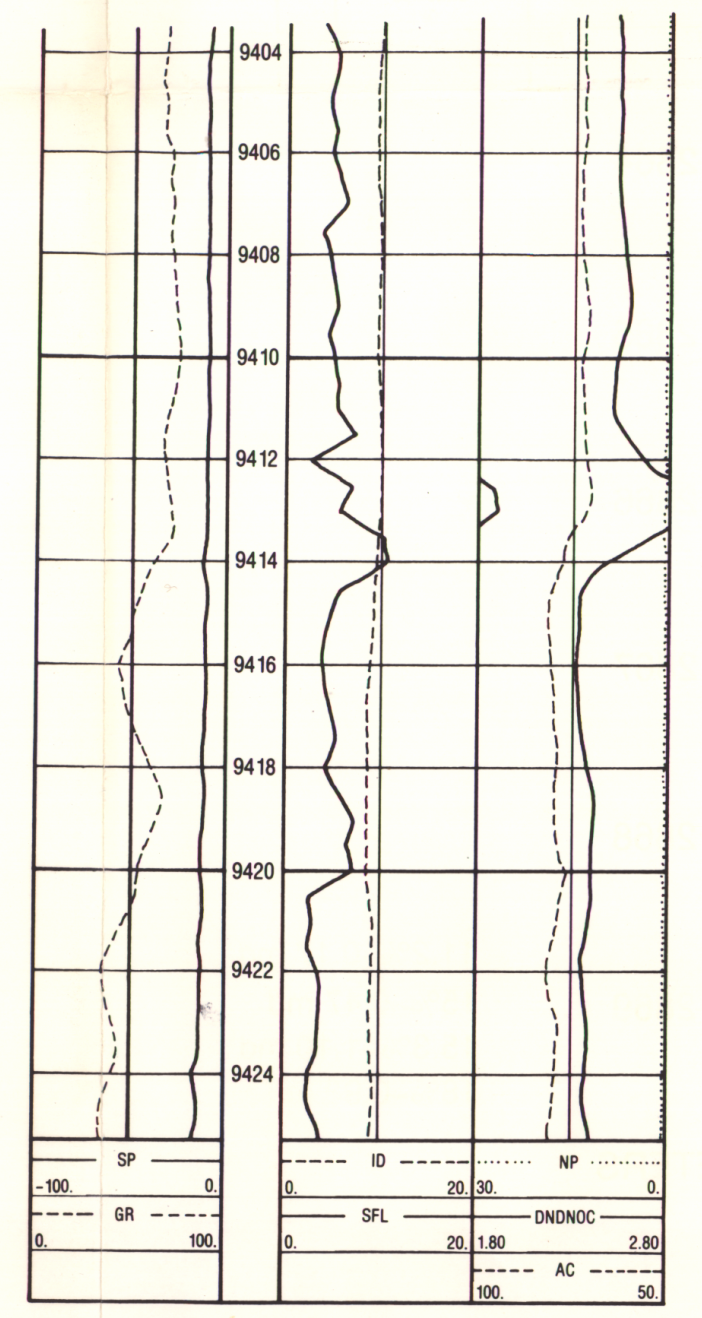
5 cm

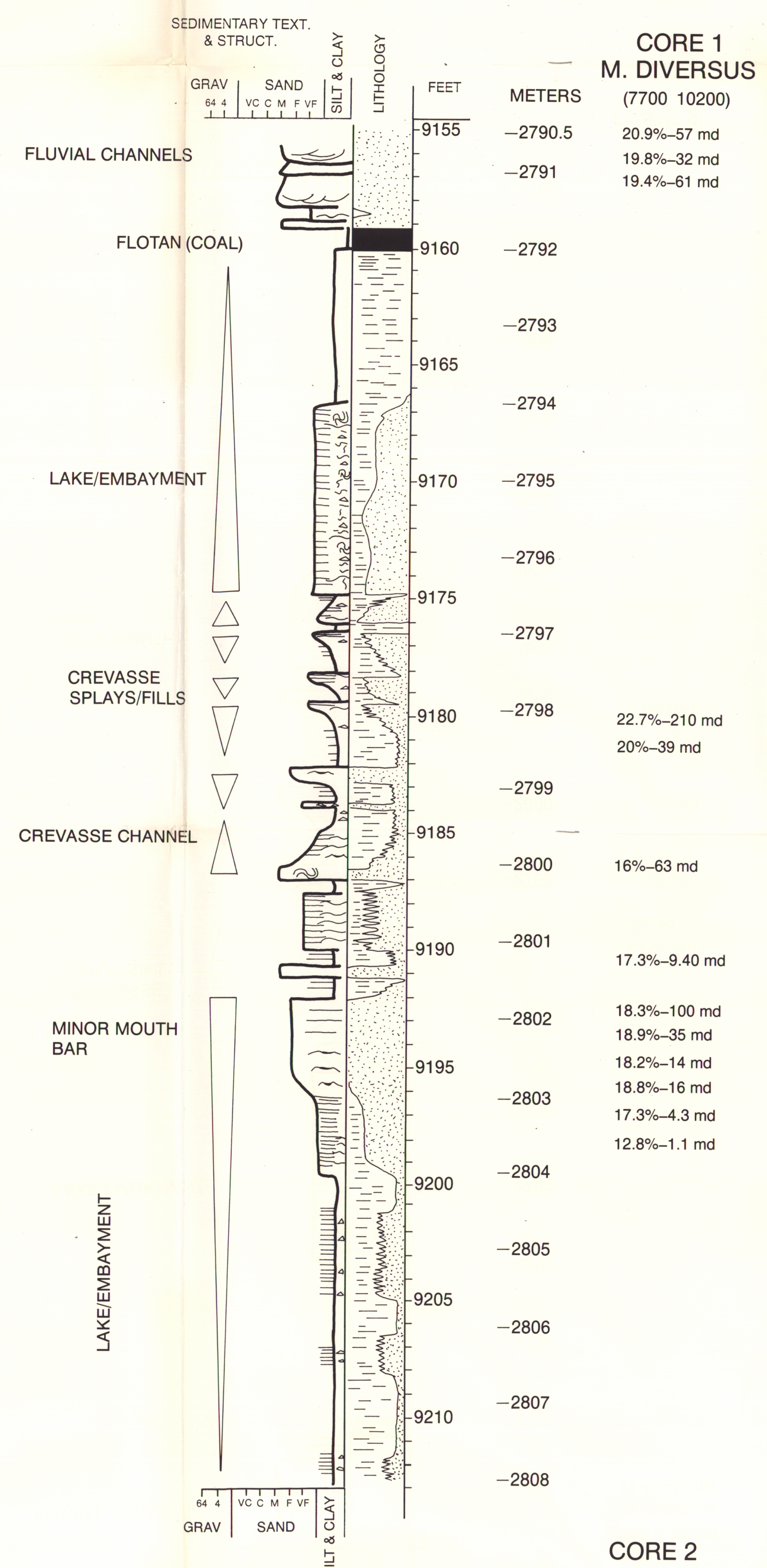


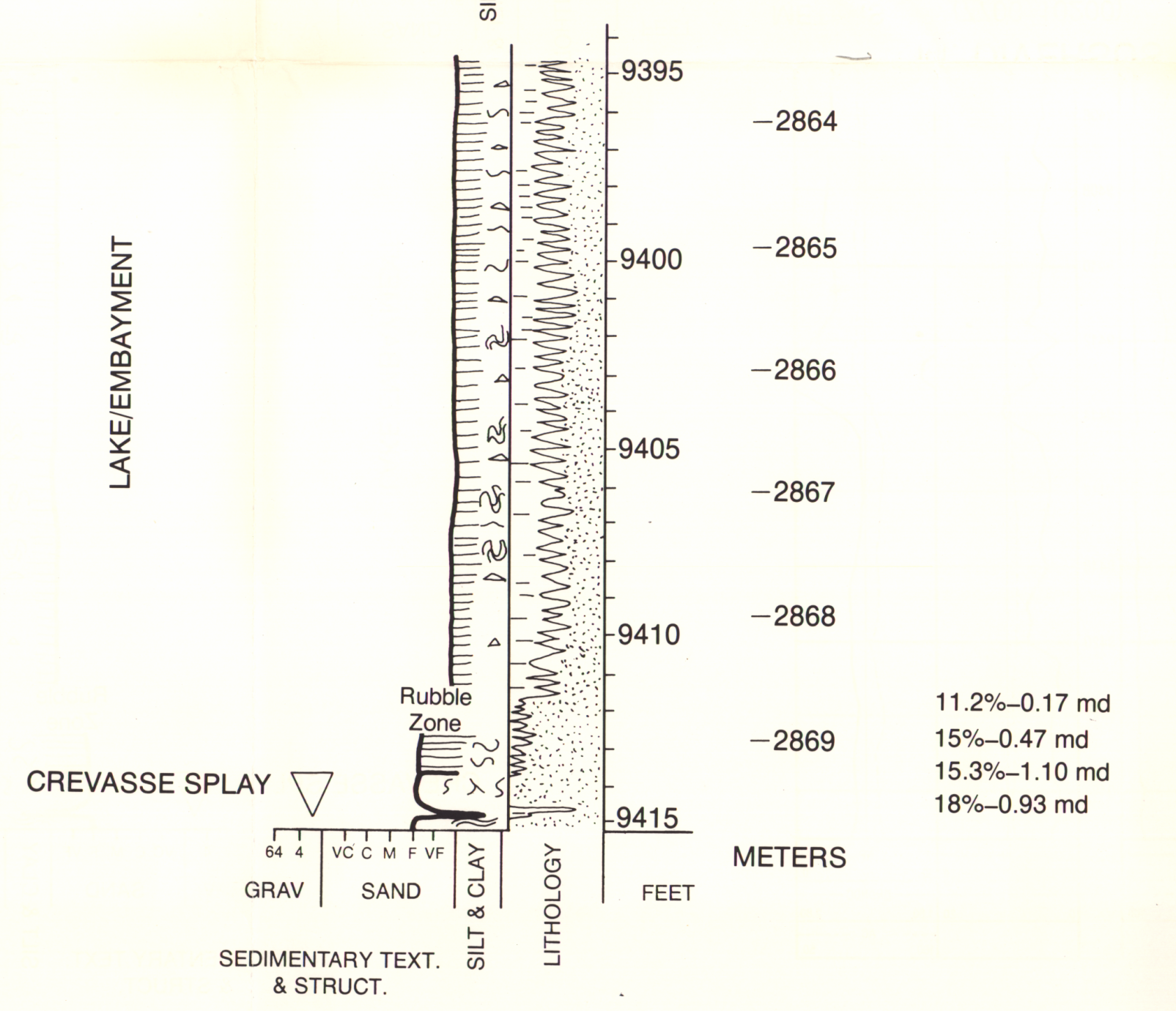


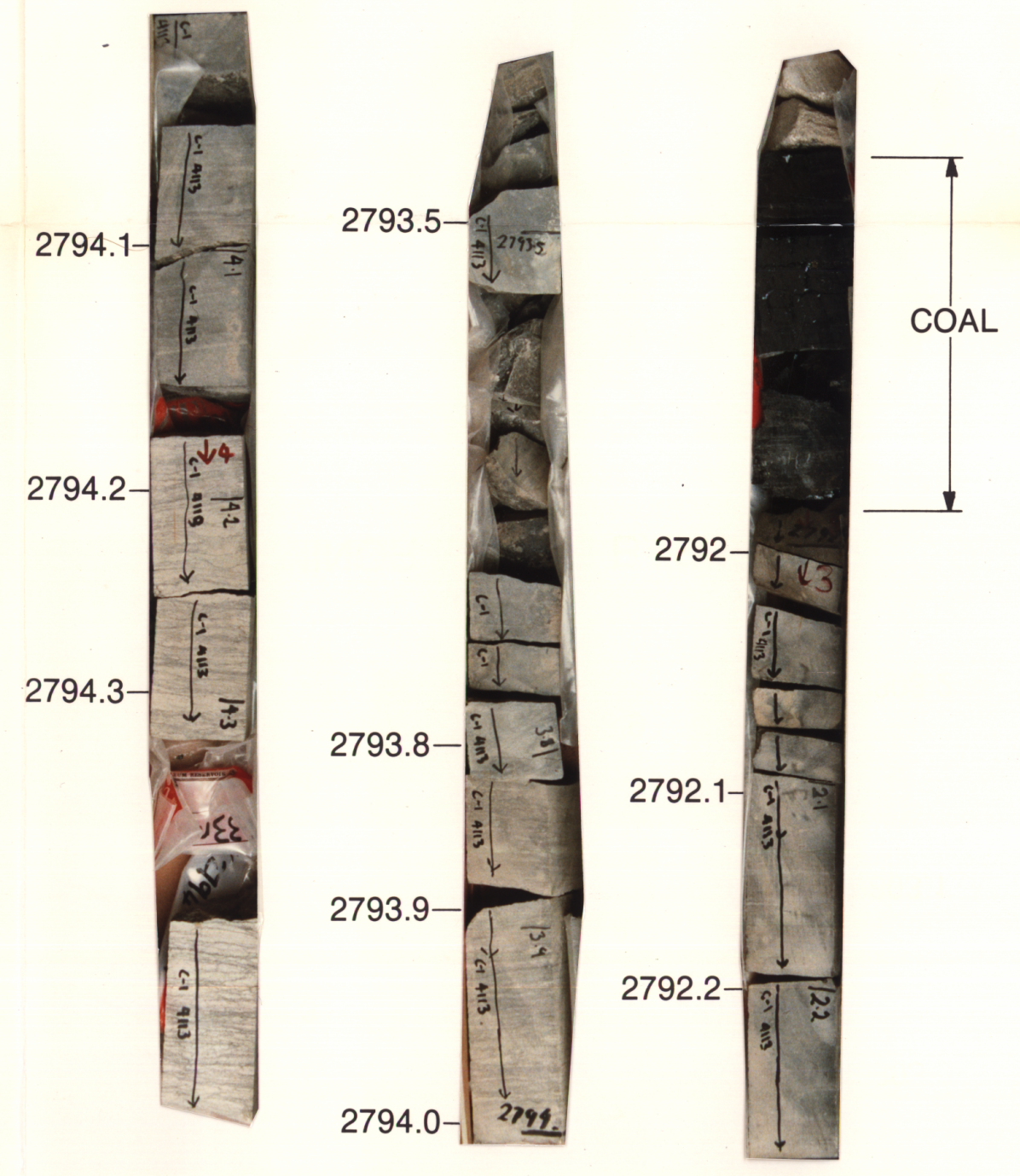


DELTA PLAIN

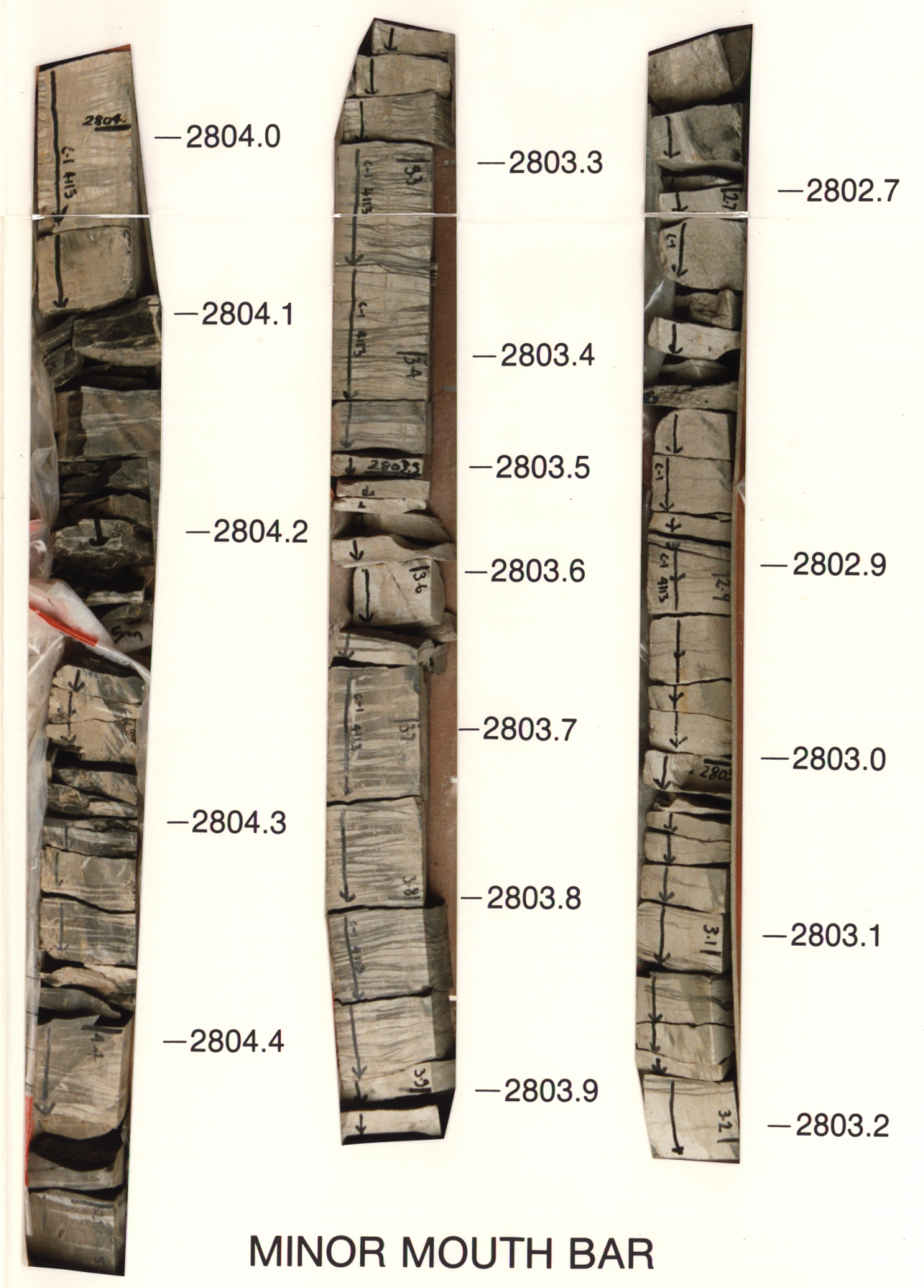
AMOCO PELICAN–5


SEDIMENTARY TEXT.
& STRUCT.
GRAV
64 4
SAND
VC C M F VF
SILT & CLAY
LITHOLOGY
FEET
METERS
CORE 1
M. DIVERSUS
(7700 10200)
FLUVIAL CHANNELS
FLOTAN (COAL)
LAKE/EMBAYMENT
CREVASSE
SPLAYS/FILLS
CREVASSE CHANNEL
MINOR MOUTH
BAR
LAKE/EMBAYMENT
9155
9160
9165
9170
9175
9180
9185
9190
9195
9200
9205
9210
–2790.5
–2791
–2792
–2793
–2794
–2795
–2796
–2797
–2798
–2799
–2800
–2801
–2802
–2803
–2804
–2805
–2806
–2807
–2808
20.9%–57 md
19.8%–32 md
19.4%–61 md
22.7%–210 md
20%–39 md
16%–63 md
17.3%–9.40 md
18.3%–100 md
18.9%–35 md
18.2%–14 md
18.8%–16 md
17.3%–4.3 md
12.8%–1.1 md
64 4
VC C M F VF
GRAV
SAND
SILT & CLAY

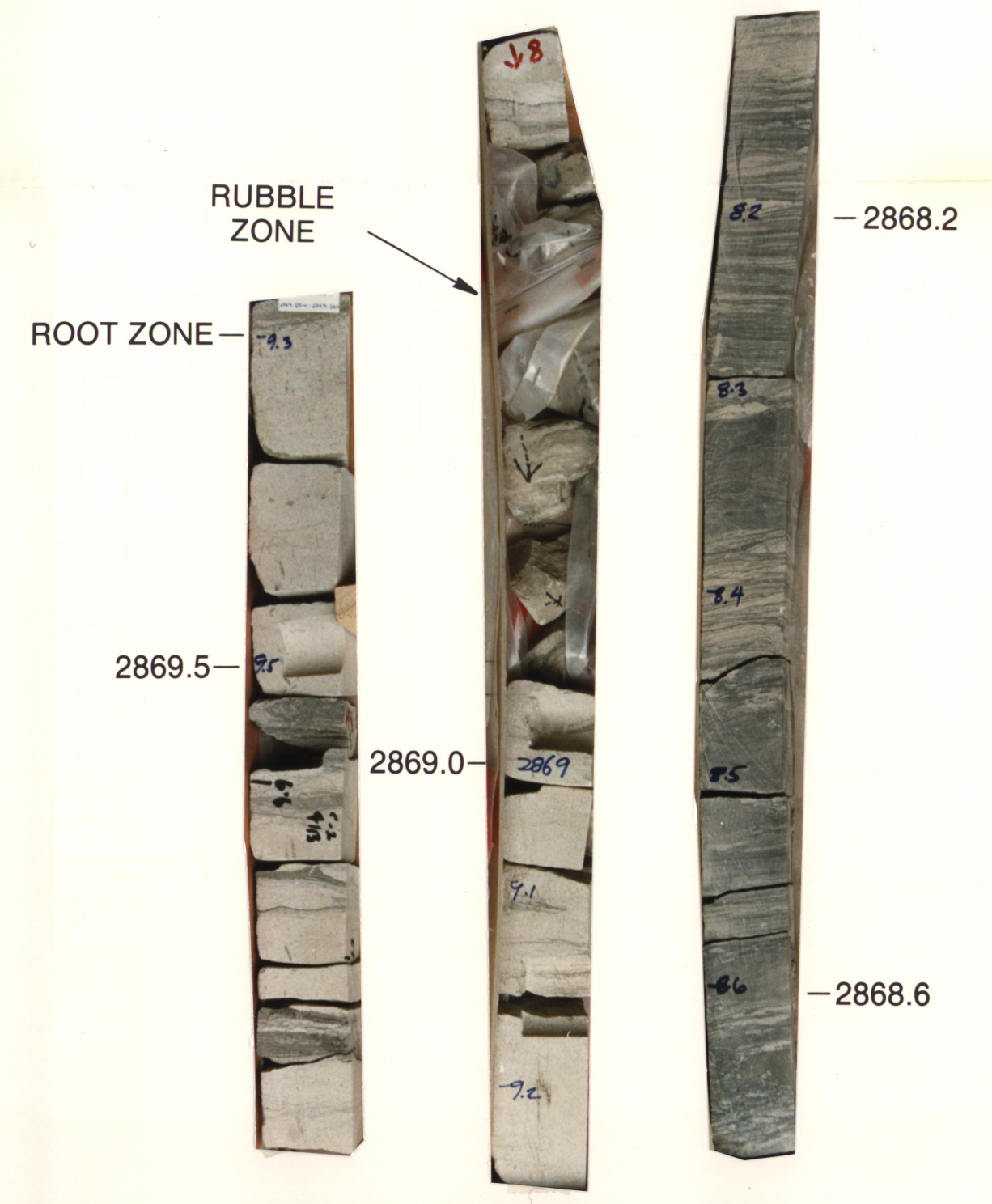

CORE 2
LAKE/EMBAYMENT
Rubble
Zone
CREVASSE SPLAY
9395
9400
9405
9410
9415
–2864
–2865
–2866
–2867
–2868
–2869
11.2%–0.17 md
15%–0.47 md
15.3%–1.10 md
18%–0.93 md
METERS
64 4
VC C M F VF
GRAV
SAND
SILT & CLAY
LITHOLOGY
FEET
SEDIMENTARY TEXT.
& STRUCT.


2794.1
2794.2
2794.3
2793.5
2793.8
2793.9
2794.0
2792
2792.1
2792.2
COAL

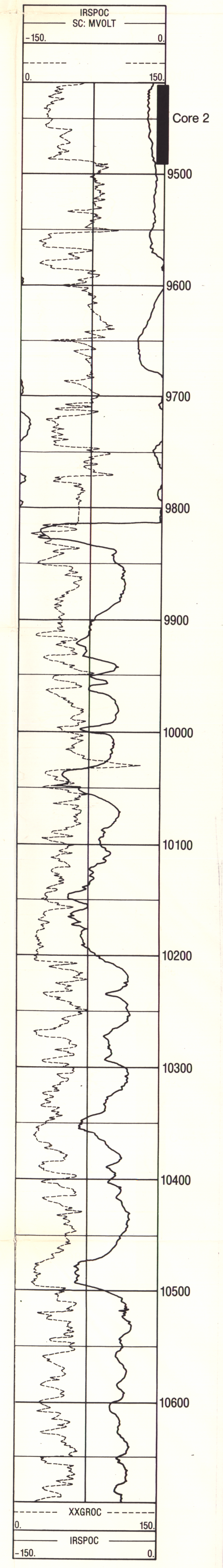
LAKE/EMBAYMENT SAND/SHALE – FLOTAN COAL

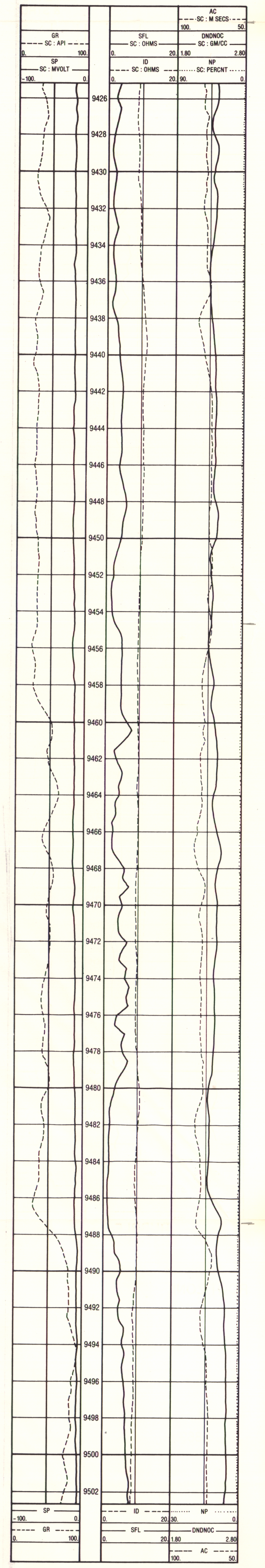

2804.0
2804.1
2804.2
2804.3
2804.4
2803.3
2803.4
2803.5
2803.6
2803.7
2803.8
2803.9
2802.7
2802.9
2803.0
2803.1
2803.2

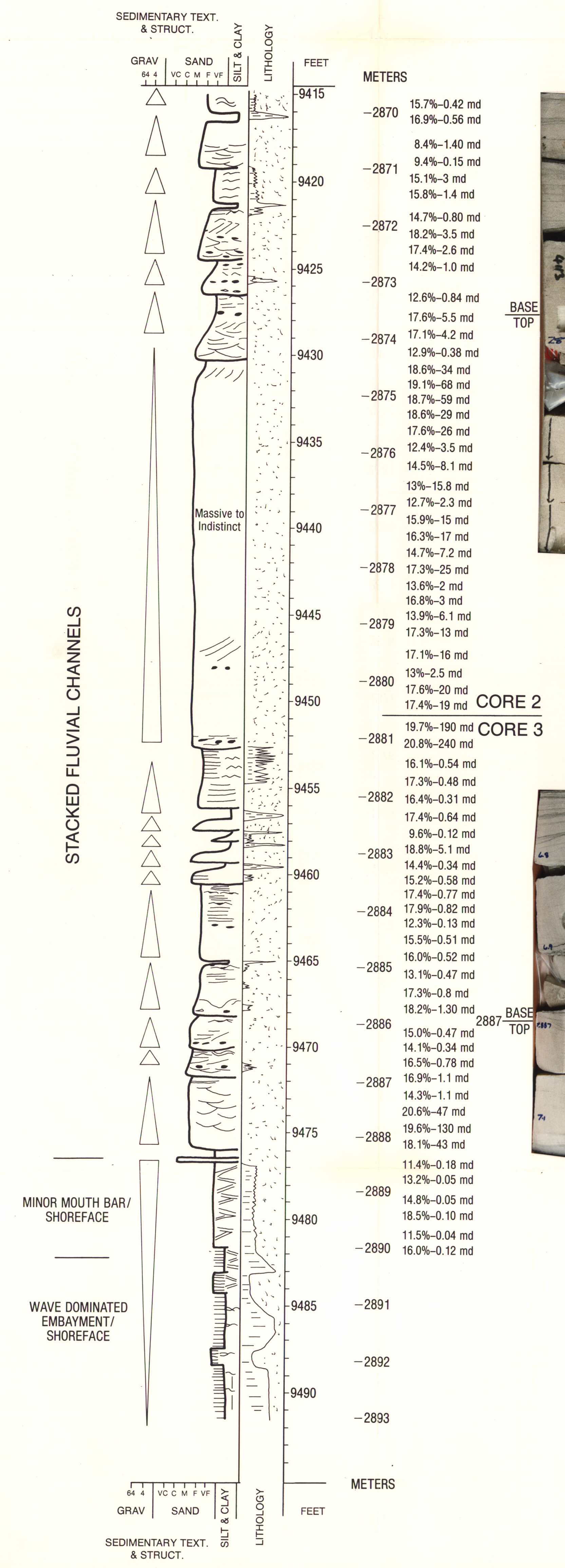
MINOR MOUTH BAR

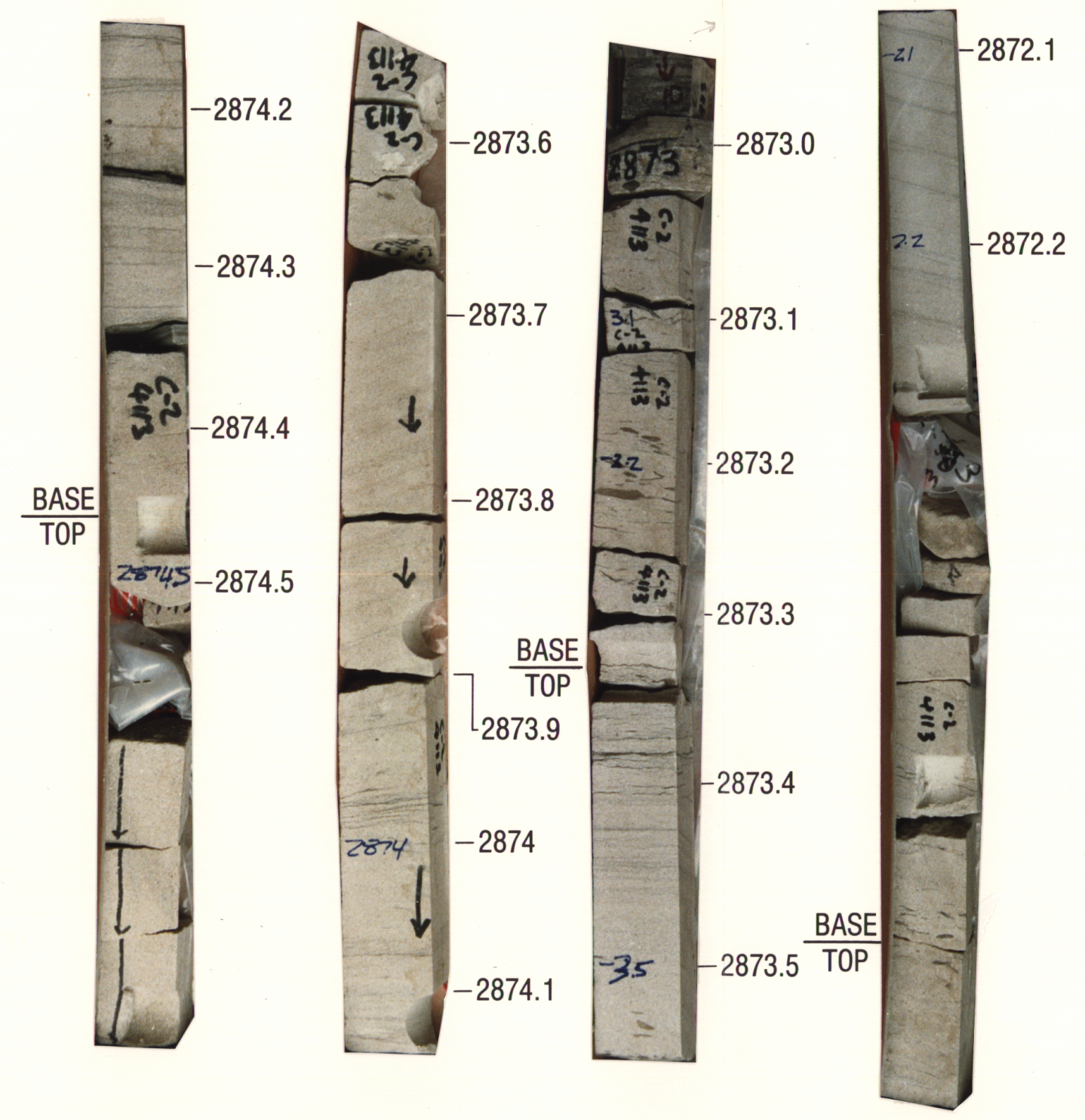

RUBBLE
ZONE
ROOT ZONE
2869.5
2869.0
2868.2
2868.6

CREVASSE SPLAY SAND

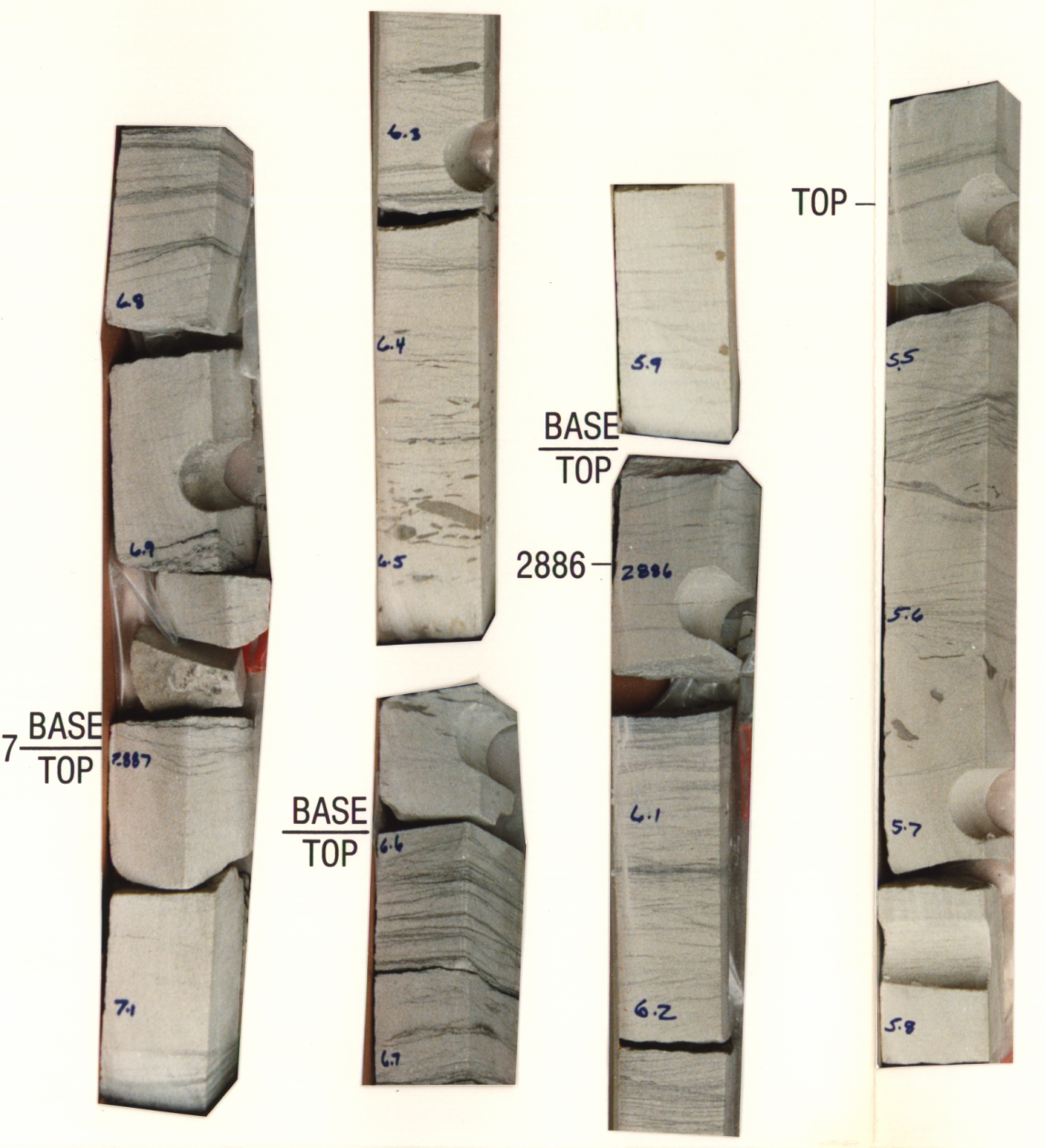




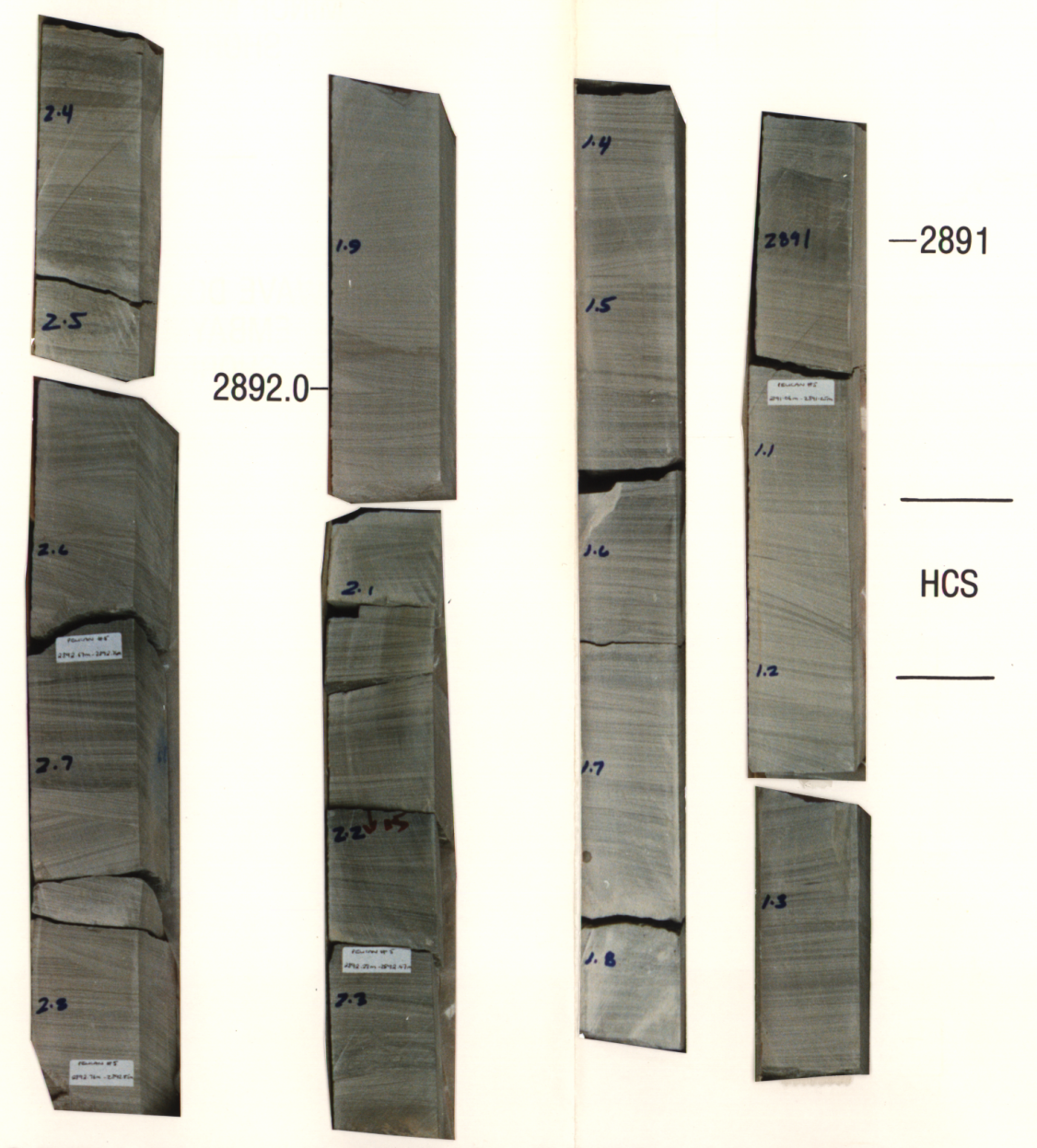

SEDIMENTARY TEXT.
& STRUCT.
GRAV
64 4
SAND
VC C M F VF
SILT & CLAY
LITHOLOGY
FEET
METERS
STACKED FLUVIAL CHANNELS
Massive to
Indistinct
MINOR MOUTH BAR/
SHOREFACE
WAVE DOMINATED
EMBAYMENT/
SHOREFACE
9415
9420
9425
9430
9435
9440
9445
9450
9455
9460
9465
9470
9475
9480
9485
9490
–2870
–2871
–2872
–2873
–2874
–2875
–2876
–2877
–2878
–2879
–2880
–2881
–2882
–2883
–2884
–2885
–2886
–2887
–2888
–2889
–2890
–2891
–2892
–2893
15.7%–0.42 md
16.9%–0.56 md
8.4%–1.40 md
9.4%–0.15 md
15.1%–3 md
15.8%–1.4 md
14.7%–0.80 md
18.2%–3.5 md
17.4%–2.6 md
14.2%–1.0 md
12.6%–0.84 md
17.6%–5.5 md
17.1%–4.2 md
12.9%–0.38 md
18.6%–34 md
19.1%–68 md
18.7%–59 md
18.6%–29 md
17.6%–26 md
12.4%–3.5 md
14.5%–8.1 md
13%–15.8 md
12.7%–2.3 md
15.9%–15 md
16.3%–17 md
14.7%–7.2 md
17.3%–25 md
13.6%–2 md
16.8%–3 md
13.9%–6.1 md
17.3%–13 md
17.1%–16 md
13%–2.5 md
17.6%–20 md
17.4%–19 md
CORE 2
CORE 3
19.7%–190 md
20.8%–240 md
16.1%–0.54 md
17.3%–0.48 md
16.4%–0.31 md
17.4%–0.64 md
9.6%–0.12 md
18.8%–5.1 md
14.4%–0.34 md
15.2%–0.58 md
17.4%–0.77 md
17.9%–0.82 md
12.3%–0.13 md
15.5%–0.51 md
16.0%–0.52 md
13.1%–0.47 md
17.3%–0.8 md
18.2%–1.30 md
15.0%–0.47 md
14.1%–0.34 md
16.5%–0.78 md
16.9%–1.1 md
14.3%–1.1 md
20.6%–47 md
19.6%–130 md
18.1%–43 md
11.4%–0.18 md
13.2%–0.05 md
14.8%–0.05 md
18.5%–0.10 md
11.5%–0.04 md
16.0%–0.12 md
METERS
64 4
VC C M F VF
GRAV
SAND
SILT & CLAY
LITHOLOGY
FEET
SEDIMENTARY TEXT.
& STRUCT.


2874.2
2874.3
2874.4
BASE
TOP
2874.5
2873.6
2873.7
2873.8
BASE
TOP
2873.9
2874
2874.1
2873.0
2873.1
2873.2
2873.3
2873.4
2873.5
BASE
TOP
2872.1
2872.2

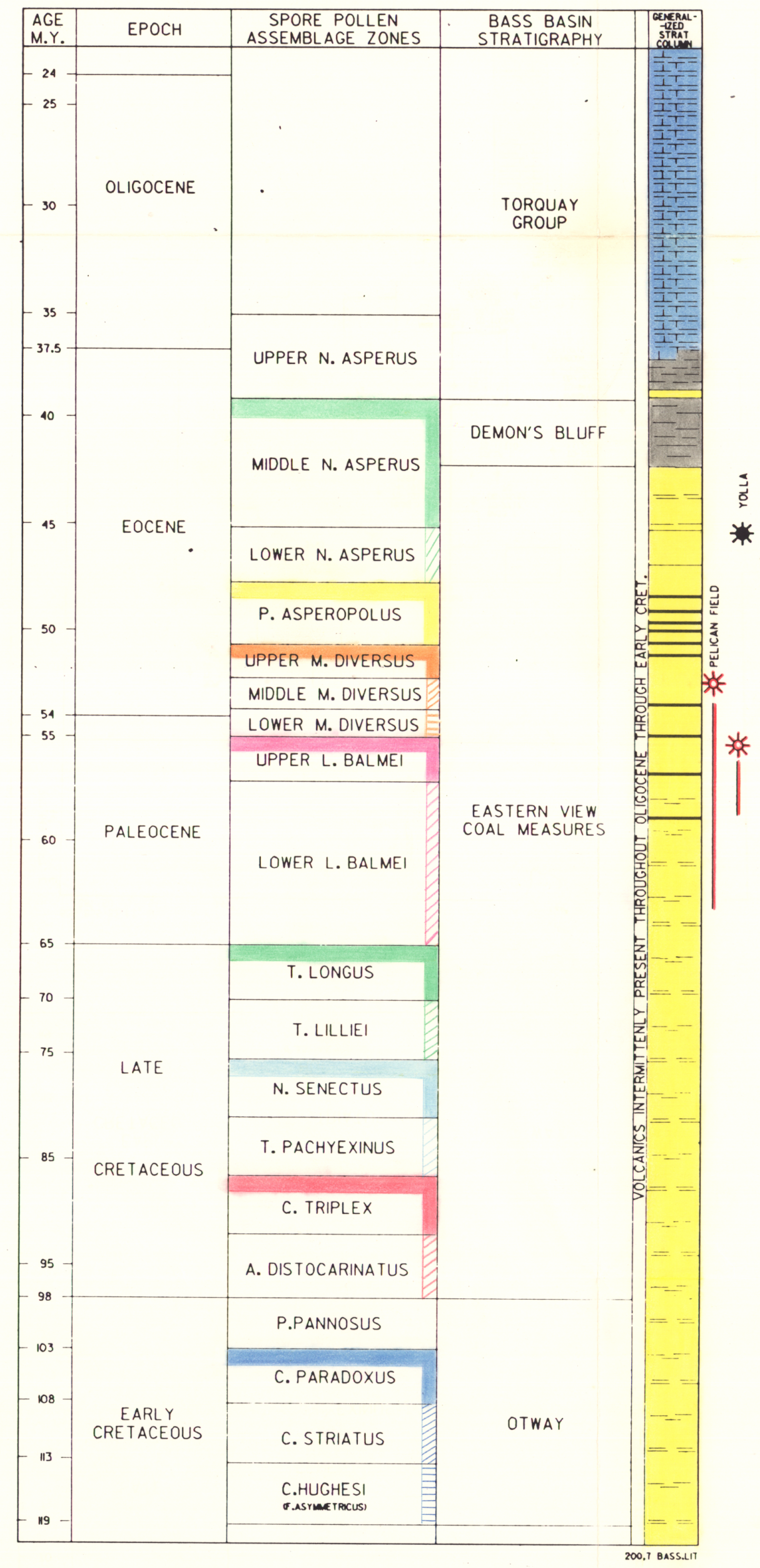
STACKED CHANNEL SANDS

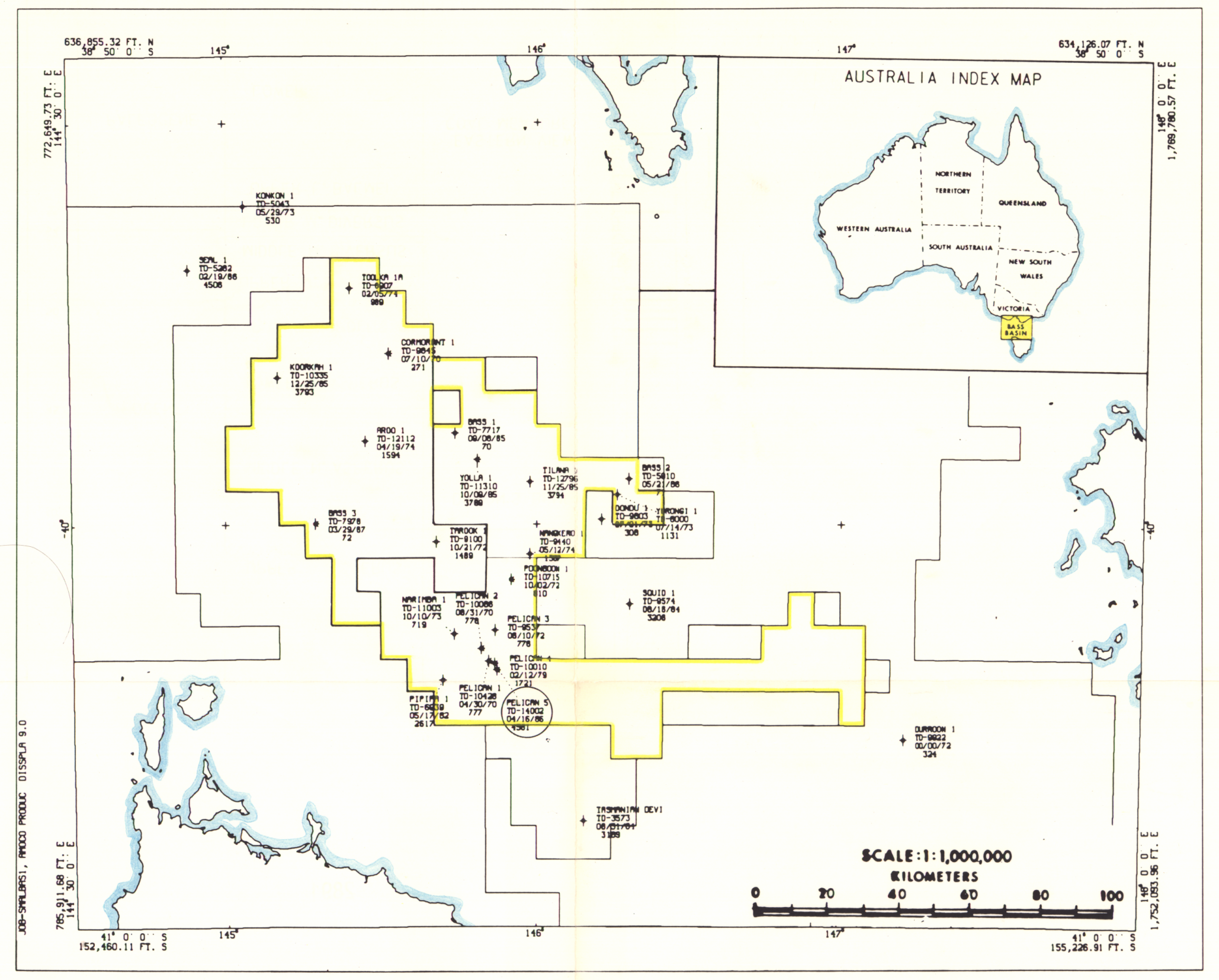

2887
BASE
TOP
BASE
TOP
BASE
TOP
2886
TOP

STACKED CHANNEL SANDS


2892.0
2891
HCS

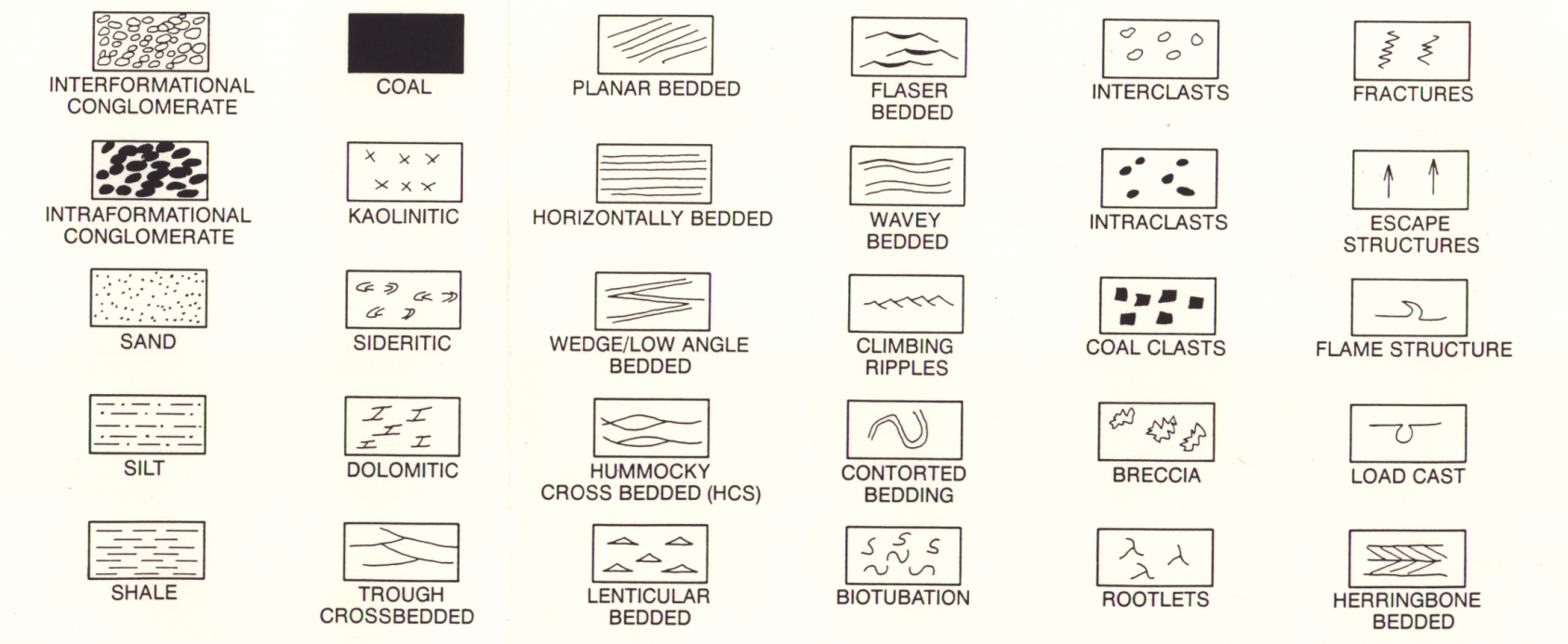
OPEN EMBAYMENT/SHOREFACE SANDS


AGE
M.Y.
EPOCH
SPORE POLLEN
ASSEMBLAGE ZONES
BASS BASIN
STRATIGRAPHY
GENERALIZED STRAT COLUMN
24
25
30
35
37.5
40
45
50
54
55
60
65
70
75
85
95
98
103
108
113
119
OLIGOCENE
EOCENE
PALEOCENE
LATE
CRETACEOUS
EARLY
CRETACEOUS
UPPER N. ASPERUS
MIDDLE N. ASPERUS
LOWER N. ASPERUS
P. ASPEROPOLUS
UPPER M. DIVERSUS
MIDDLE M. DIVERSUS
LOWER M. DIVERSUS
UPPER L. BALMEI
LOWER L. BALMEI
T. LONGUS
T. LILLIEI
N. SENECTUS
T. PACHYEXINUS
C. TRIPLEX
A. DISTOCARINATUS
P.PANNOSUS
C. PARADOXUS
C. STRIATUS
C.HUGHESI
(F.ASYMMETRICUS)
TORQUAY
GROUP
DEMON'S BLUFF
EASTERN VIEW
COAL MEASURES
OTWAY
VOLCANICS INTERMITTENLY PRESENT THROUGHOUT OLIGOCENE THROUGH EARLY CRET.
YOLLA
CORMORANT
PELICAN FIELD
200.7 BASS.LIT


636,855.32 FT. N
38° 50' 0'' S
145°
146°
147°
772,649.73 FT. E
144° 30' 0'' E
AUSTRALIA INDEX MAP
SCALE: 1:1,000,000
KILOMETERS
0
20
40
60
80
100
41° 0' 0'' S
152,460.11 FT. S
41° 0' 0'' S
155,226.91 FT. S
148° 0' 0'' E
1,752,093.96 FT. E

BEDDING AND OTHER STRUCTURES

Lithology


INTERFORMATIONAL
CONGLOMERATE
INTRAFORMATIONAL
CONGLOMERATE
SAND
SILT
SHALE
COAL
KAOLINITIC
SIDERITIC
DOLOMITIC
TROUGH
CROSSBEDDED
PLANAR BEDDED
HORIZONTALLY BEDDED
WEDGE/LOW ANGLE
BEDDED
HUMMOCKY
CROSS BEDDED (HCS)
LENTICULAR
BEDDED
FLASER
BEDDED
WAVEY
BEDDED
CLIMBING
RIPPLES
CONTORTED
BEDDING
BIOTUBATION
INTERCLASTS
INTRACLASTS
COAL CLASTS
BRECCIA
ROOTLETS
FRACTURES
ESCAPE
STRUCTURES
FLAME STRUCTURE
LOAD CAST
HERRINGBONE
BEDDED

5 cm

Amoco Australia Petroleum Company

BASS BASIN	
ENVIRONMENTAL INTERPRETATION PELICAN 5 APPENDIX B 313159	
Interpreter(s): N. HASKELL	Date:
Scale: 1 inch=3 feet	Contour Interval:
Report No. R-87-051	Enclosure No. 14
	Remarks:

OR 277