

(L)

vitric Basalt Breccia
calcite cemented
w/ infilling
structures
most fragments
are angular

#B7

fine sandstone
↓
VA 156

litic:
vitric sandstone

fine sandstone
↓

VA 156

VA 156

VA 156

VA 156

VA 156

VA 156

VA 156



VA 156

VA 156

finer grains
on top of B
clasts

VA 156

VA 156

VA 156

VA 156

VA 156

VA 156

VA 156

Nice infilling
texture

VA 156



②
(continued)

void
 cement
 sandstone
 cement
 brs.





(2)
(continued)

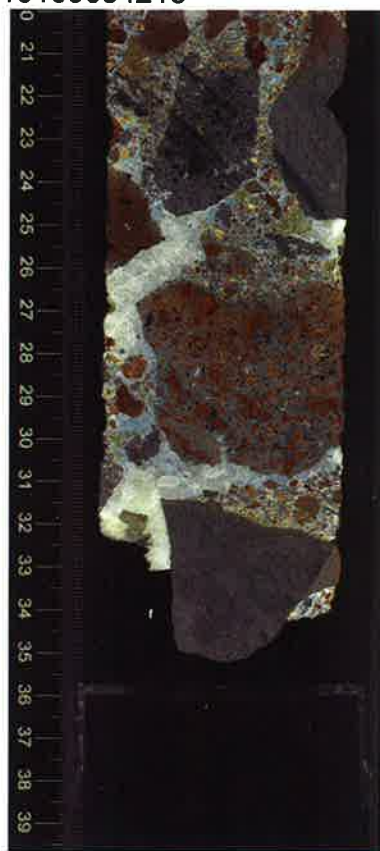


330-U1374A-13R-4-A_SHLF2749311_20110109084213



Ⓛ
A89φ

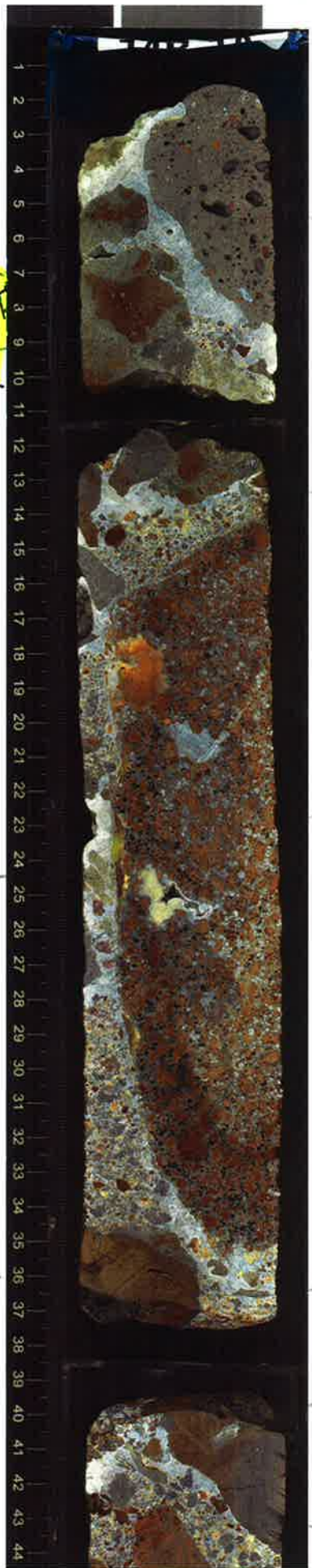
A
φ42



VA
85φ

VA
94φ

SED13R4



#138
 ✓
 clast of
 vitric basalt
 breccia
 (matrix: gray
 vitric basalt
 sandstone)

✓
 vitric
 sandstone

✓
 sed. clast
 Basalt w/
 gray azoic
 siltstone
 (do not react)
 w/ HCl

(L) (continued)

φ 50
 VA

φ 50
 VA

φ 25
 VA

φ 20
 VA

✓
 geopetal is filled
 → reworked

φ 25
 VA



φ 50
 SR ✓
 clast of
 Poorly
 consolidated/
 softer
 vitric sandstone
 #138

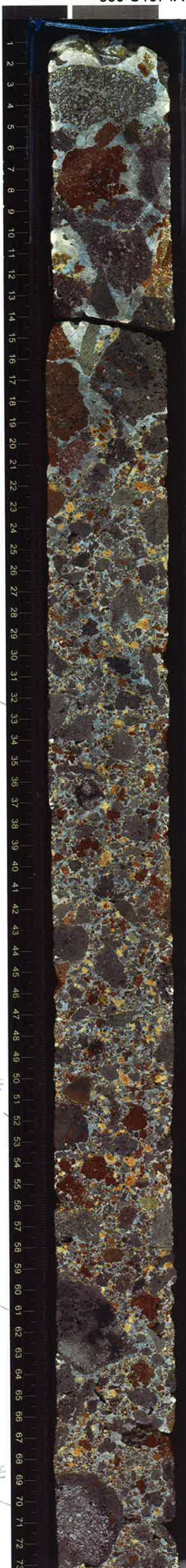
✓
 void

φ 25
 VA

φ 20
 VA

φ 50
 SR

void

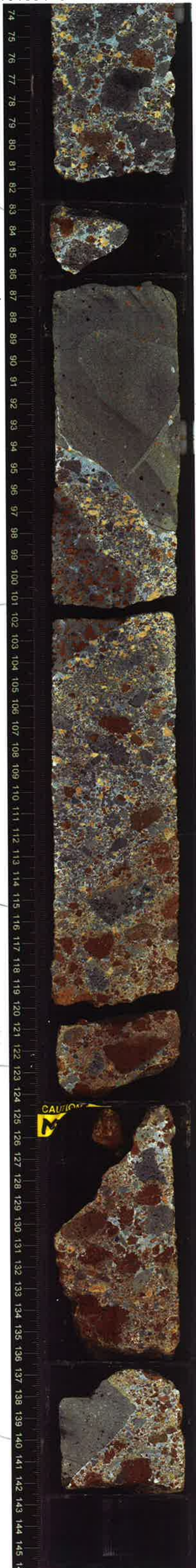


SED (L)
(continued)
clast of
vibric sandstone
with clayey matrix

VA
φ 23

void

VA
φ 23



VA
φ 23

VA
φ 50

VA
φ 23

VA
φ 83

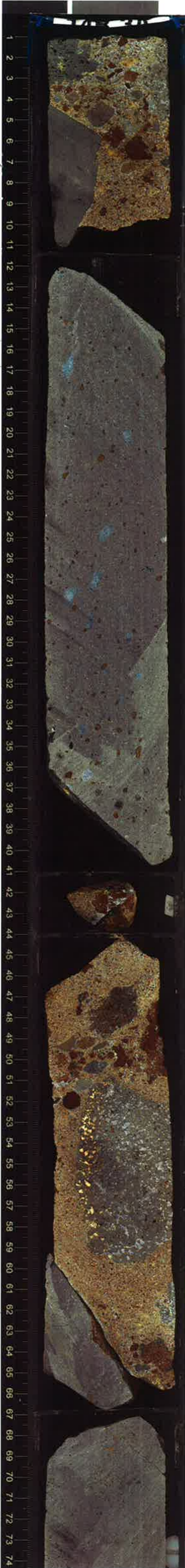
VA
φ 35

VA
φ 50

VA
φ 23

skip
112 cm
increased
glass content
in matrix"
SED (P)
100% cemented
(no voids)





VA 896

VA 898
898

898

VA 898
898

(2) (continued)



VA 899
899

VA 896

VA 896

VA 896

VA 896

#140

small clast of gray siltstone / sandstone

330-U1374A-14R-4-A_SHLF2750231_20110109150912

opposite site
yellow clay clast

Sediment

d119
VA

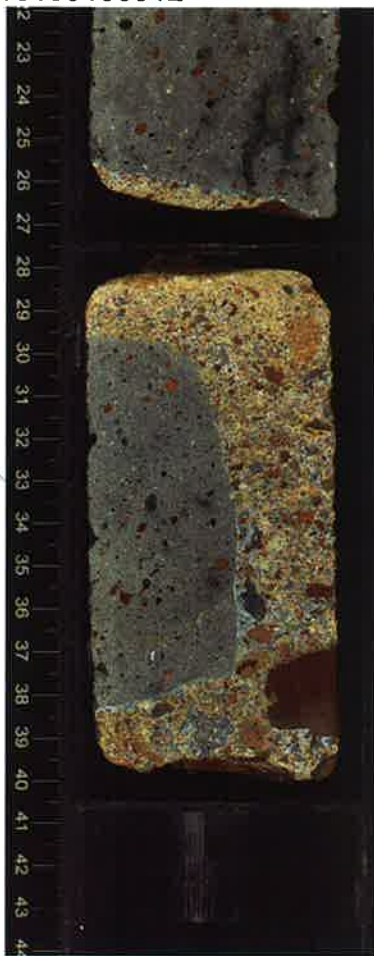


(continued)

593
VA

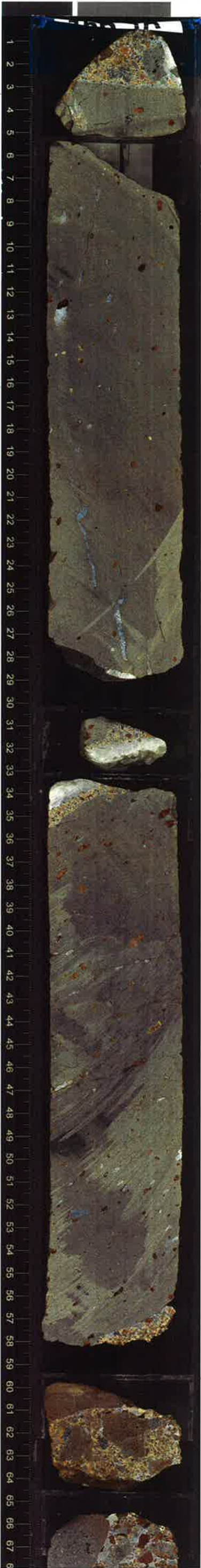
599
5068

687A



SED 14R4

850 A
crystal void.
923 A
924 A
925 A
926 A
927 A
928 A
929 A
930 A
931 A
932 A
933 A
934 A
935 A
936 A
937 A
938 A
939 A
940 A
941 A
942 A
943 A
944 A
945 A
946 A
947 A
948 A
949 A
950 A
951 A
952 A
953 A
954 A
955 A
956 A
957 A
958 A
959 A
960 A
961 A
962 A
963 A
964 A
965 A
966 A
967 A



(E) (continued)

finer-grained

infilling texture

END of increased
SGS content
in
voids glassy stuff

(L)



- voids

958 VA

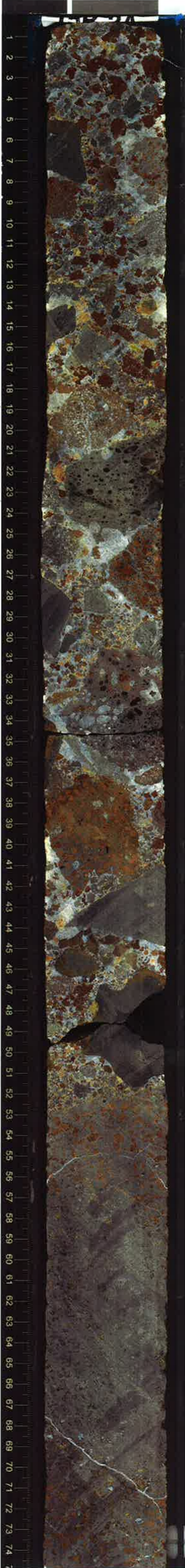
- void

- voids

938 VA

928 VA

Neat infilling texture in crack



4466

439 VA

454 VA

190 VA

0926 AS

SED @ continued

infilling text.

459 VA

733A



CAUTION
Toxic
METH

M810

485 VA

400 VA

VOID

VOID

460 VA

435 VA

VOIDS

447 VA

483 VA

VOID



dios block

SED(L) continued

133 VA

- void

VA sed

- void

diagenesis
VA sed

AS block

VA

VA 998

AS6 block

VA 1st

VA block



VA 936

- void

- void

VA 443

- void

VA 472 block

VA 48.5 block

SED(L) 3

multicolor
calcite cemented

(L)

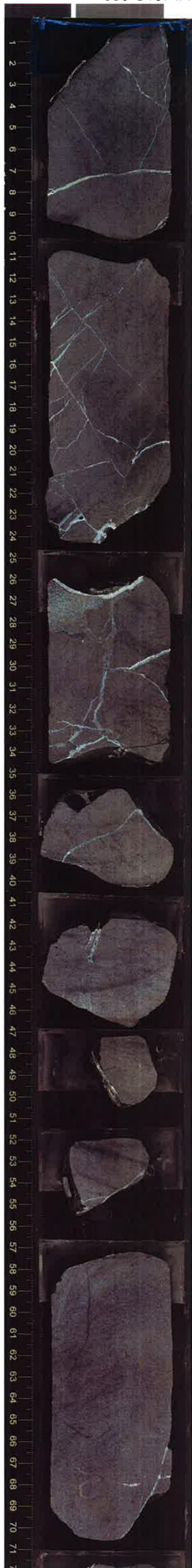
dah
sand fill
fracture
crack

ds2
VA



Volcanic sandstone





INFILLS:
 volcanic sandstone
 (recurrent)
 vitric basalt
 breccia with
 bioclast
 fresher interval

D



Peperitic

SED
(continued)
w/bioclast

MBIO



SED
(continued)
w/bio

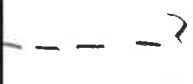
#142



SED
continued
(Peperite)
w/bio



Peperitic



infilling
texture

vitric-rich
infilling
texture

SED(I)-like

T

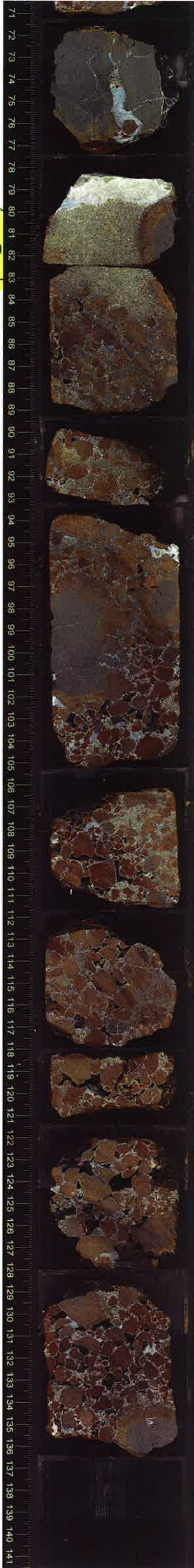
SED 17R2



SED (D)
continued

D

#144



voids



infilling
structures

(end
of peperite)
68



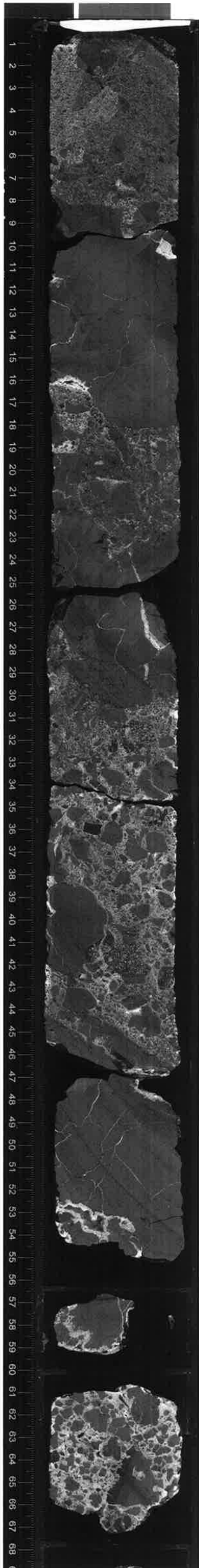
- monolithic
infill



SED - gray basalt
infills / sandstone
(with bioclasts)

↓
no more
SED infills

...



↖
 fresh glass
 (...) monolithic
 SED

