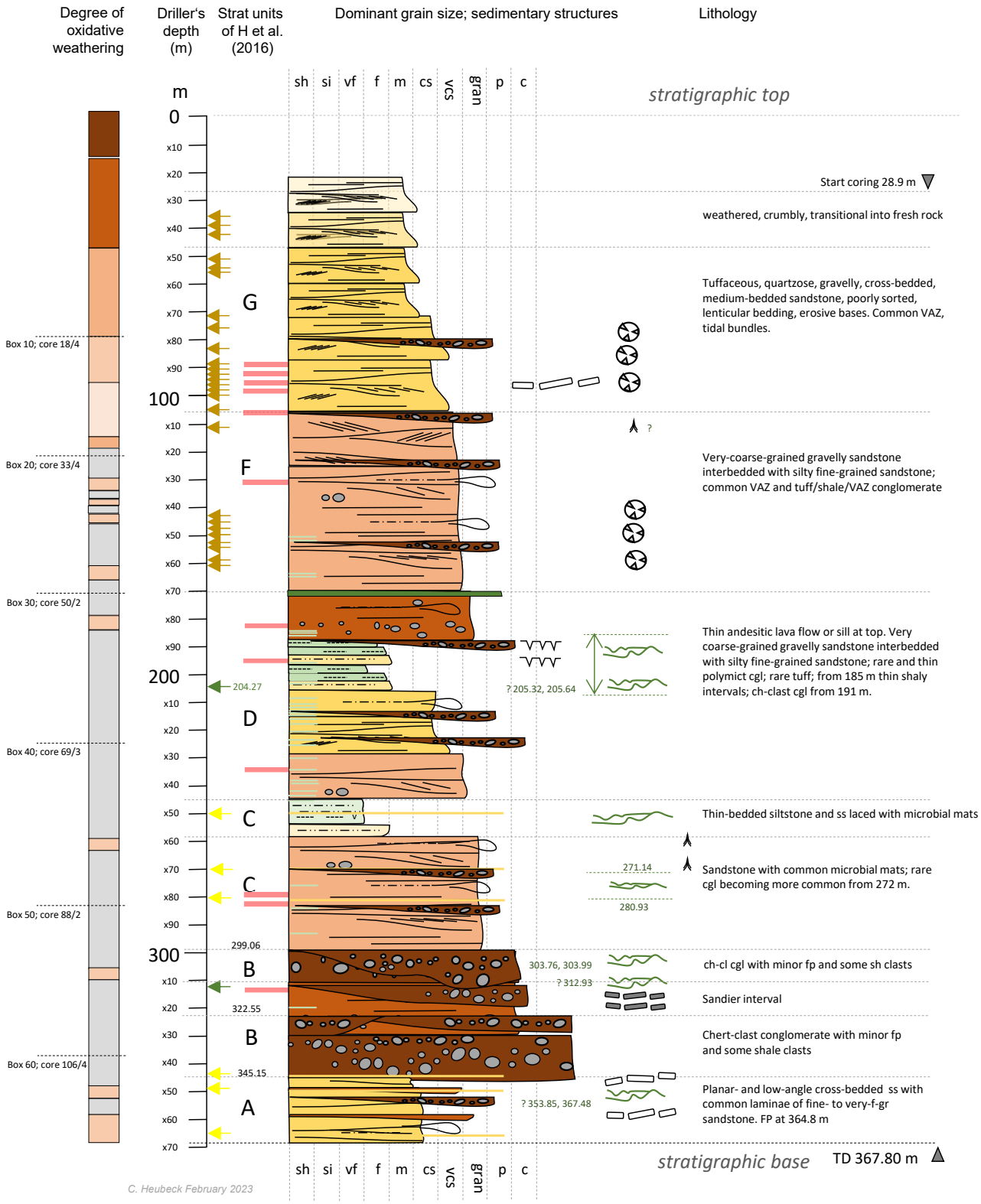
BASE 2


Degree of oxidative weathering
Driller's depth (m)
Strat units of H et al. (2016)
Dominant grain size; sedimentary structures
Lithology
sh si vf f m cs vcs gran p c
m
0
100
200
300
stratigraphic top
Start coring 28.9 m
weathered, crumbly, transitional into fresh rock
Tuffaceous, quartzose, gravelly, cross-bedded, medium-bedded sandstone, poorly sorted, lenticular bedding, erosive bases. Common VAZ, tidal bundles.
Very-coarse-grained gravelly sandstone interbedded with silty fine-grained sandstone; common VAZ and tuff/shale/VAZ conglomerate
Thin andesitic lava flow or sill at top. Very coarse-grained gravelly sandstone interbedded with silty fine-grained sandstone; rare and thin polymict cgl; rare tuff; from 185 m thin shaly intervals; ch-clast cgl from 191 m.
Thin-bedded siltstone and ss laced with microbial mats
Sandstone with common microbial mats; rare cgl becoming more common from 272 m.
ch-cl cgl with minor fp and some sh clasts
Sandier interval
Chert-clast conglomerate with minor fp and some shale clasts
Planar- and low-angle cross-bedded ss with common laminae of fine- to very-f-gr sandstone. FP at 364.8 m
Box 10; core 18/4
Box 20; core 33/4
Box 30; core 50/2
Box 40; core 69/3
Box 50; core 88/2
Box 60; core 106/4
G
F
D
C
C
B
B
A
204.27
299.06
322.55
345.15
? 205.32, 205.64
271.14
280.93
303.76, 303.99
? 312.93
? 353.85, 367.48
stratigraphic base
TD 367.80 m
C. Heubeck February 2023