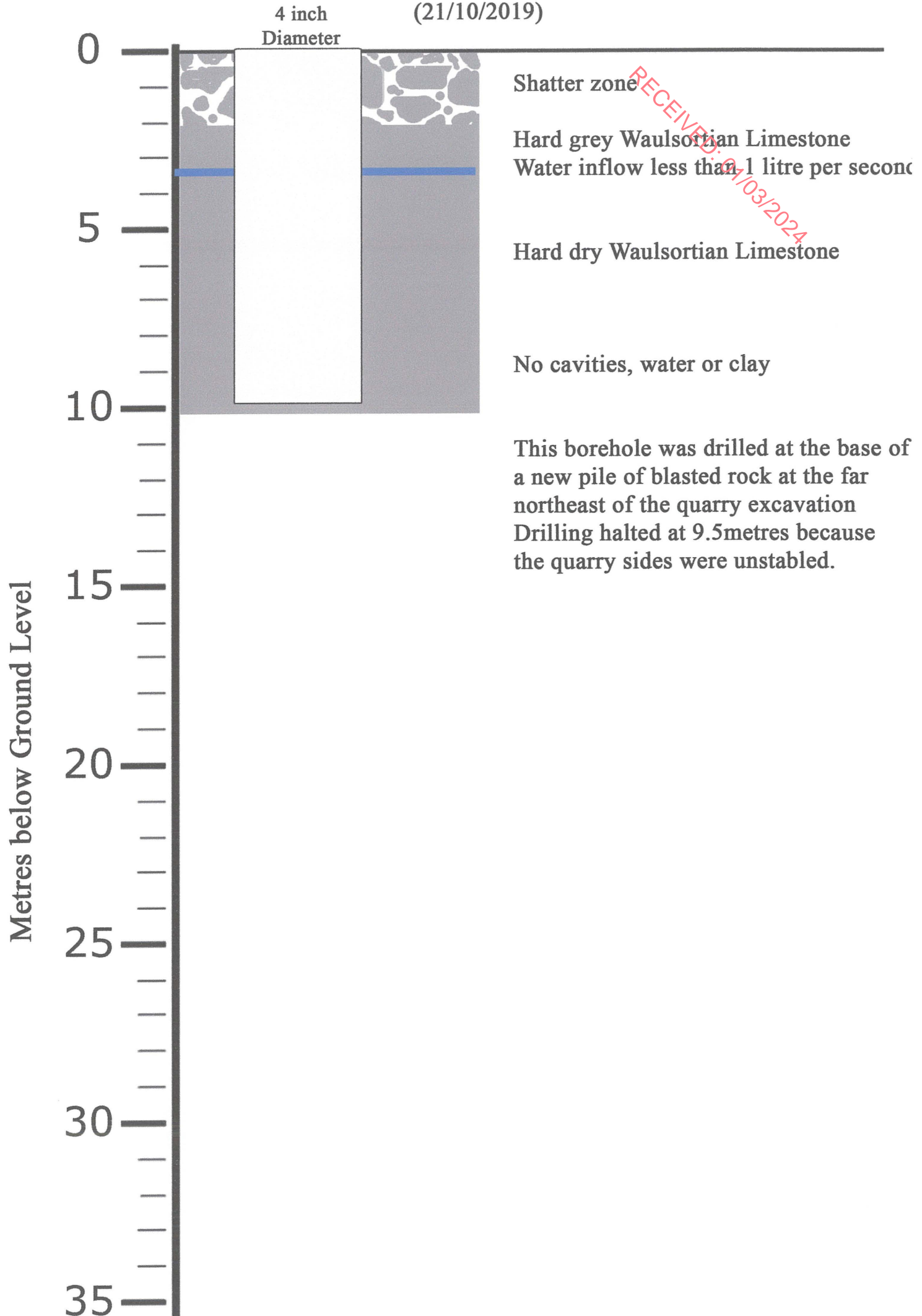
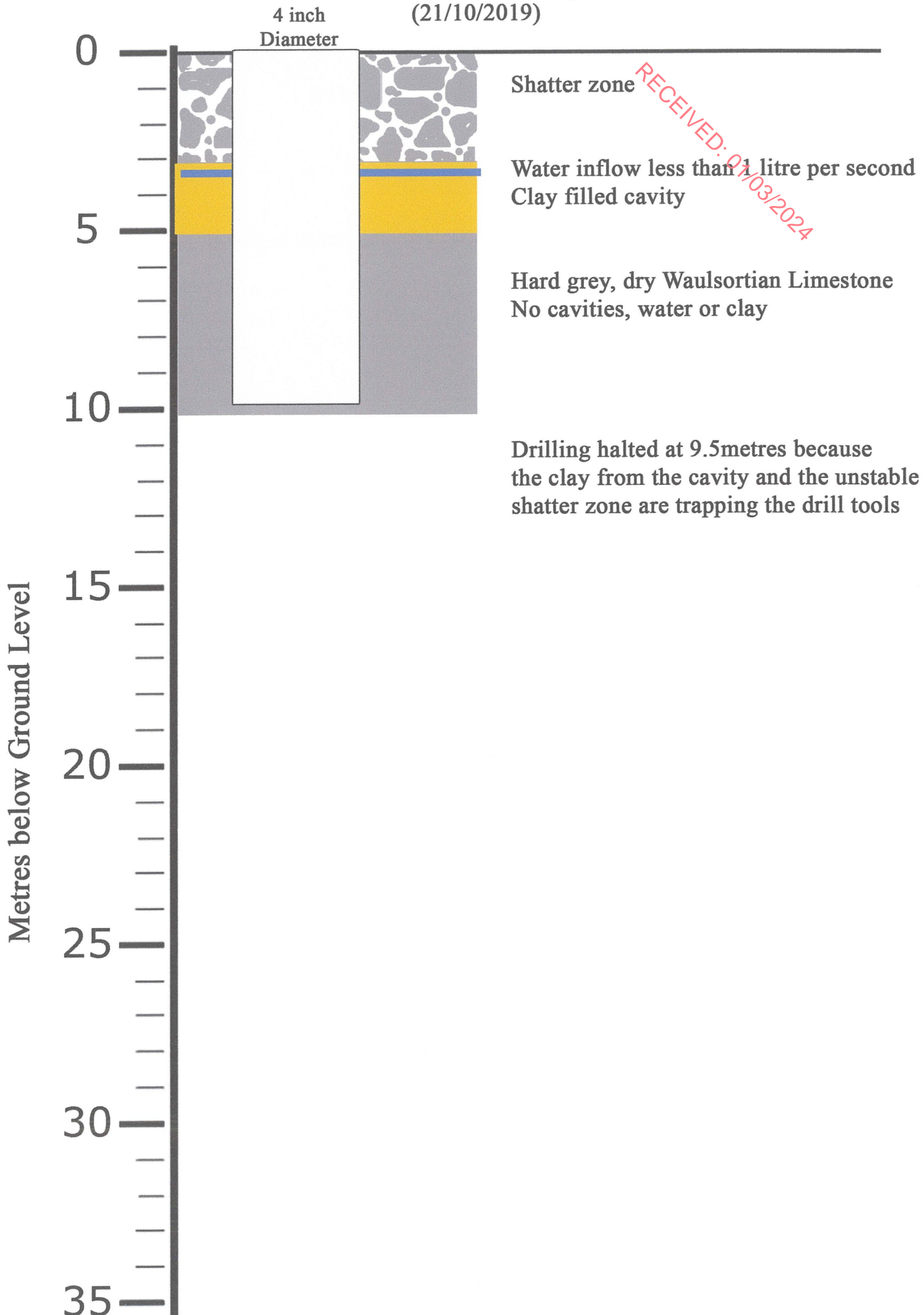


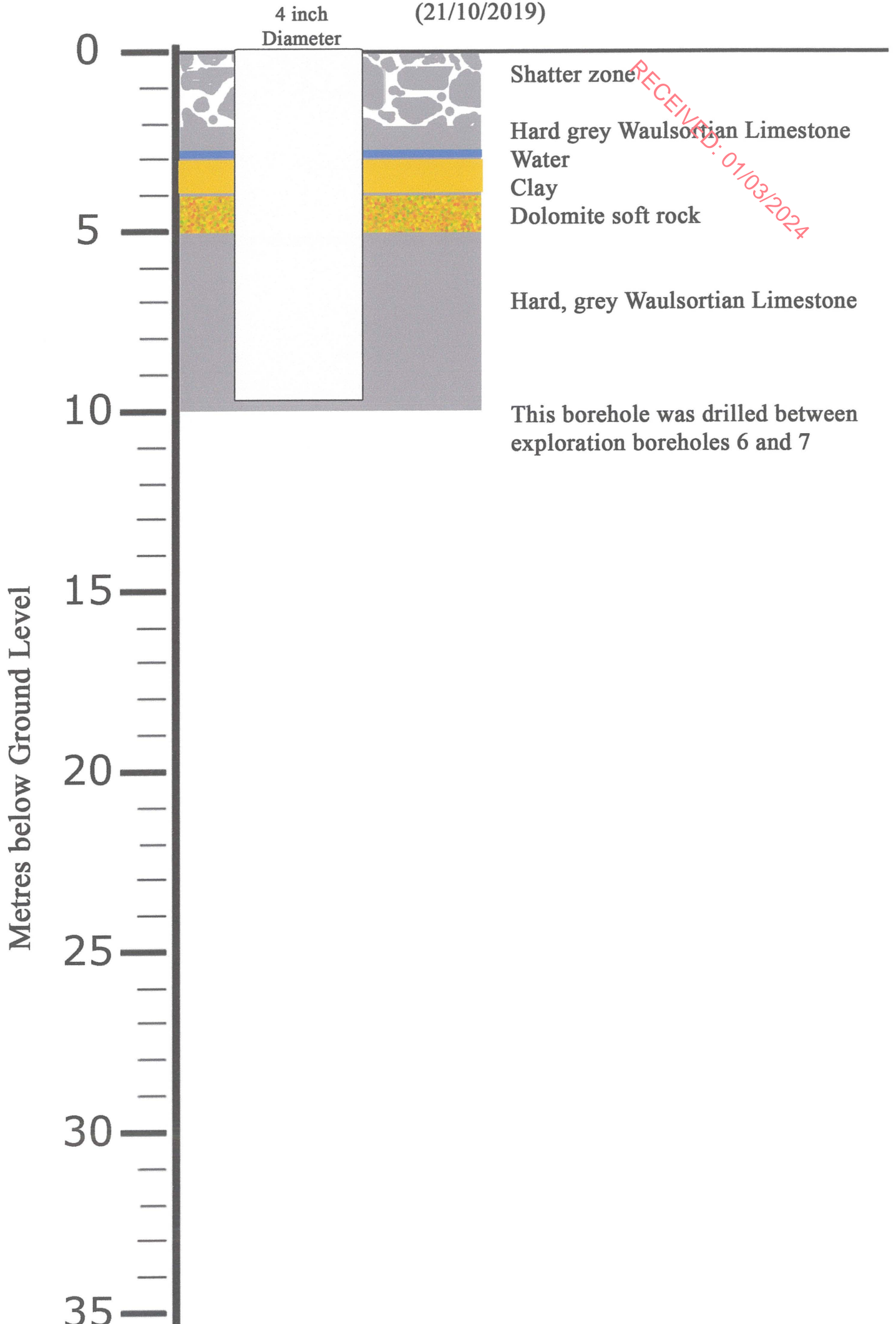
Rathcore Exploration Borehole No.47 (21/10/2019)



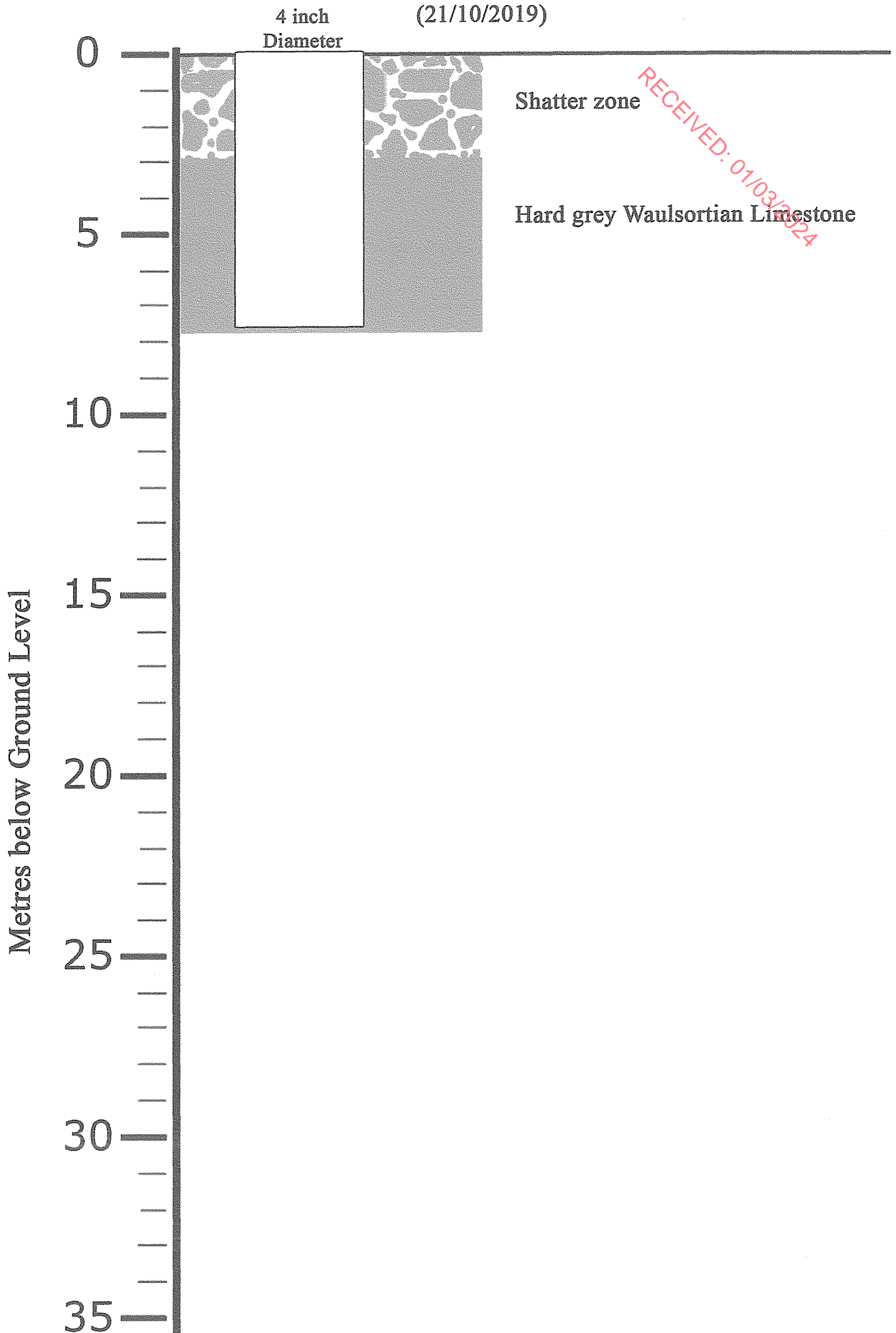
Rathcore Exploration Borehole No.48 (21/10/2019)



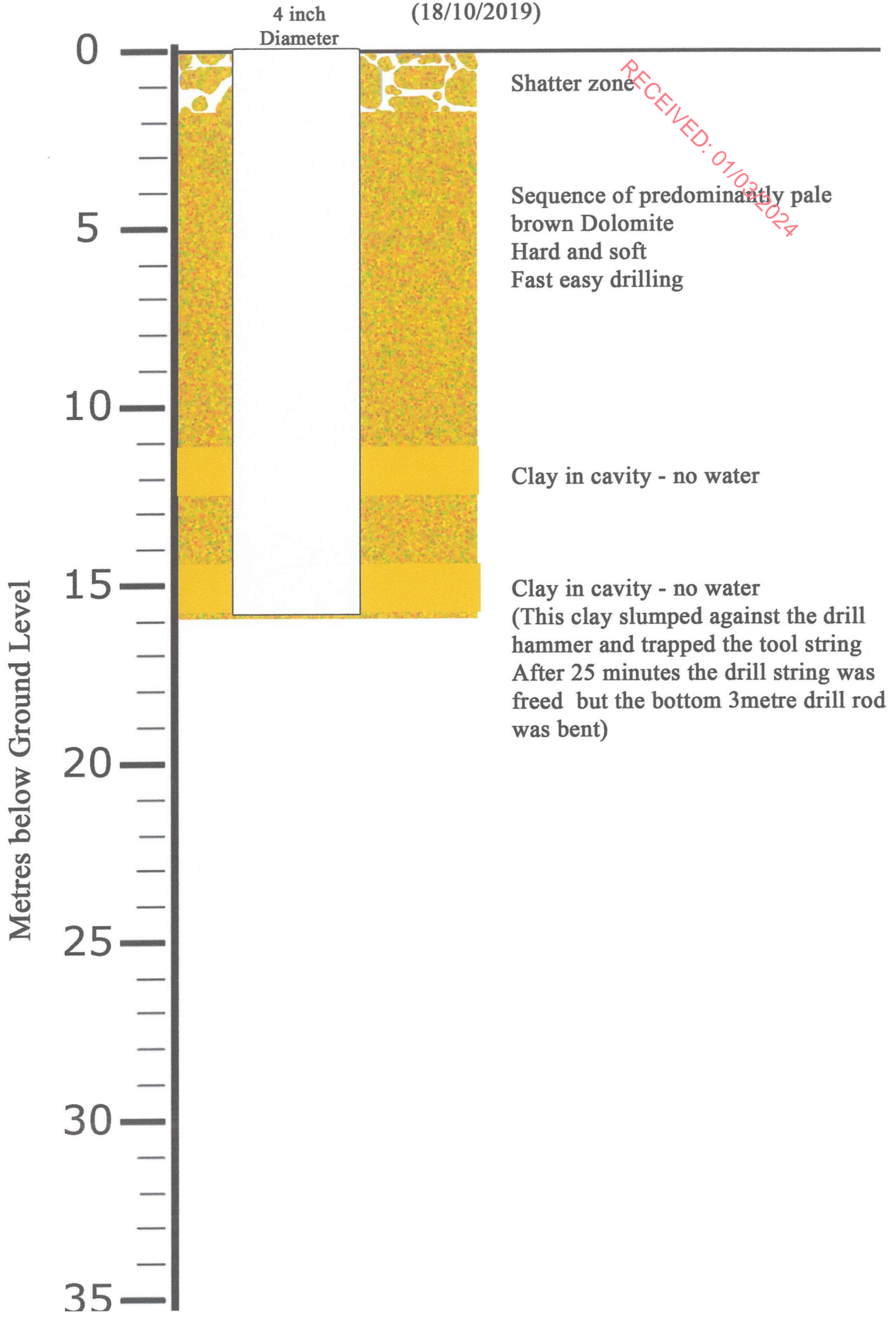
Rathcore Exploration Borehole No.49 (21/10/2019)



Rathcore Exploration Borehole No.50 (21/10/2019)



Rathcore Exploration Borehole No.51
(18/10/2019)



Rathcore Exploration Borehole No.52 (8/1/2020)

Metres below Ground Level

4 inch
Diameter

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0

5

10

15

20

25

30

35

A sequence of hard and soft
limestone
Rapid easy drilling

Fracture - very small flow of water
< 0.1 litre per second

Thin bands of shale

Brown Dolomite
Small fractures / conduits producing
about 1 litre/second of water

1.7 metre cavity filled with clay
no evidence of water inflow
Hole stopped at 25.5 metres
because slumping of clay from cavity
was creating risk that the hammer and
drill string may become trapped

This hole was drilled at this site
to replace exploration borehole 39
and create an open water level observation
borehole in the southeast of the quarry
for the long pump tests. The hole was
partly destroyed by a quarry blast in 2021

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