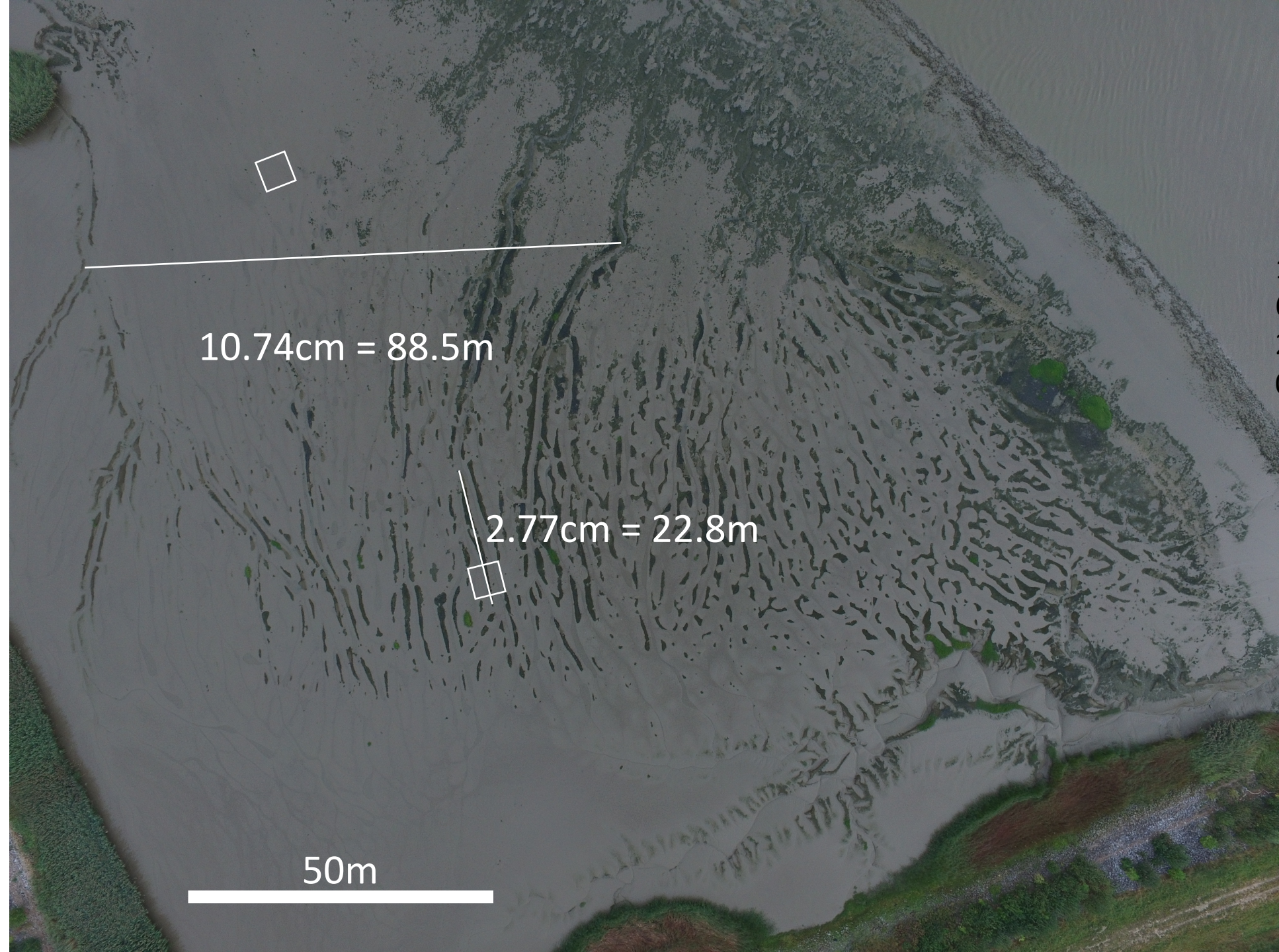


1) Use drone photo as overview. Choose a few recognizable landscape features and measure distances in Google Earth to determine the scale of this drone photo

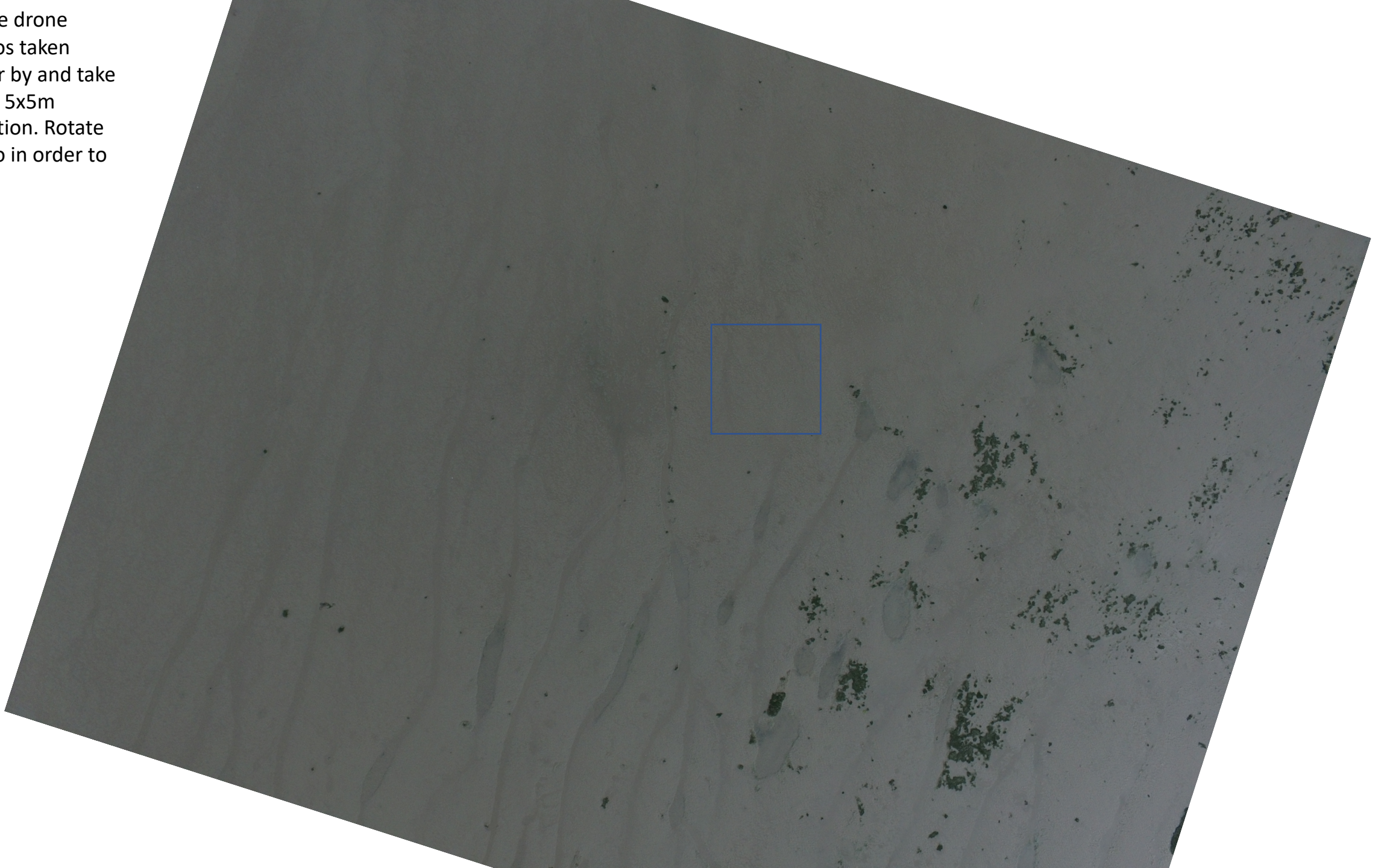


10.74cm = 88.5m
6.07cm = 50m
2.77cm = 22.8m
0.62cm = 5.09m

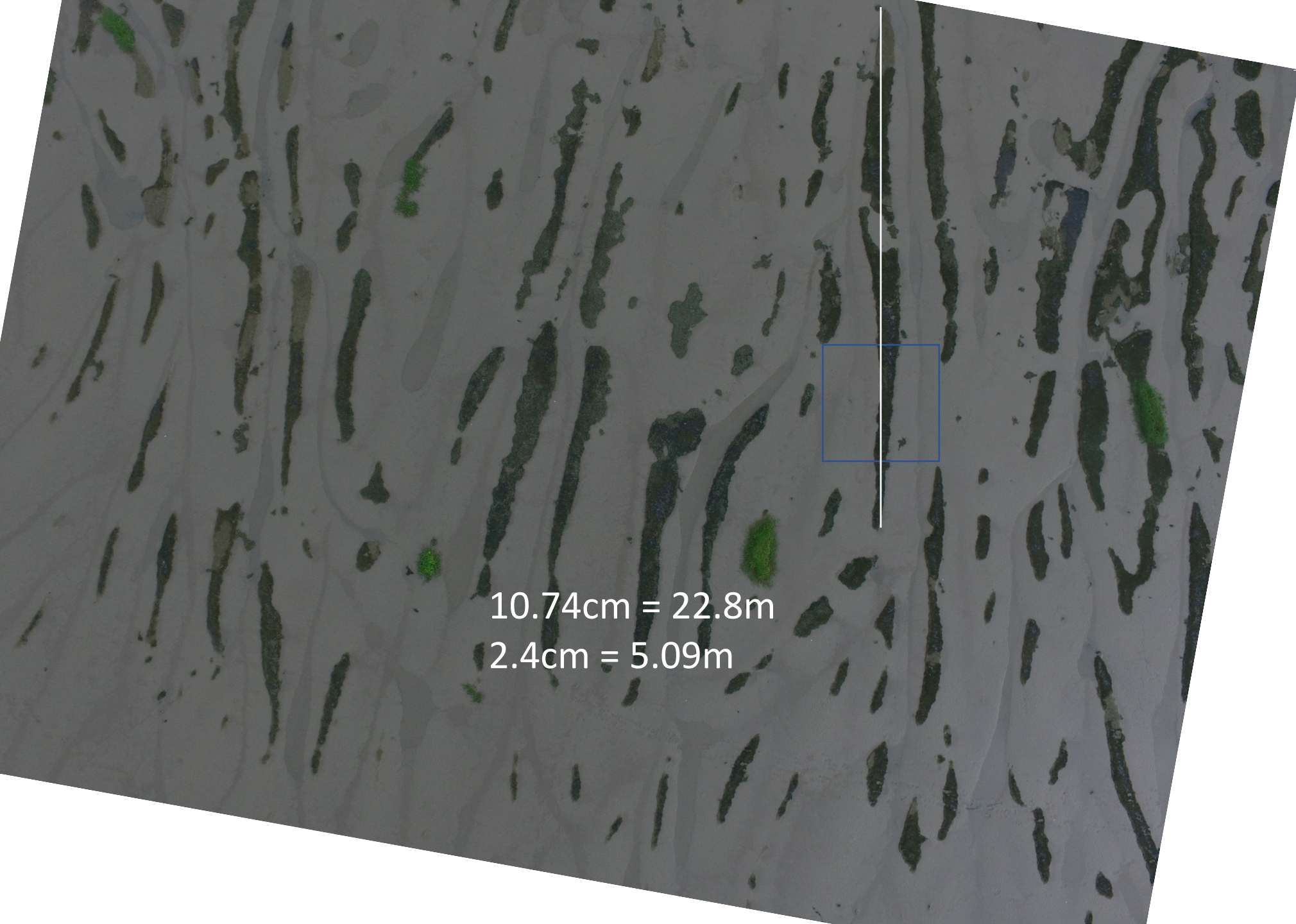
2) Choose 4 rectangular areas of each 5x5m: no algal pattern, regular pattern, complex pattern and full cover. Choose the rectangular areas such that they are roughly aligned with the downhill terrain slope (see DEM in Figure 3c).



3) Use drone
photos taken
closer by and take
same 5x5m
selection. Rotate
photo in order to
crop.



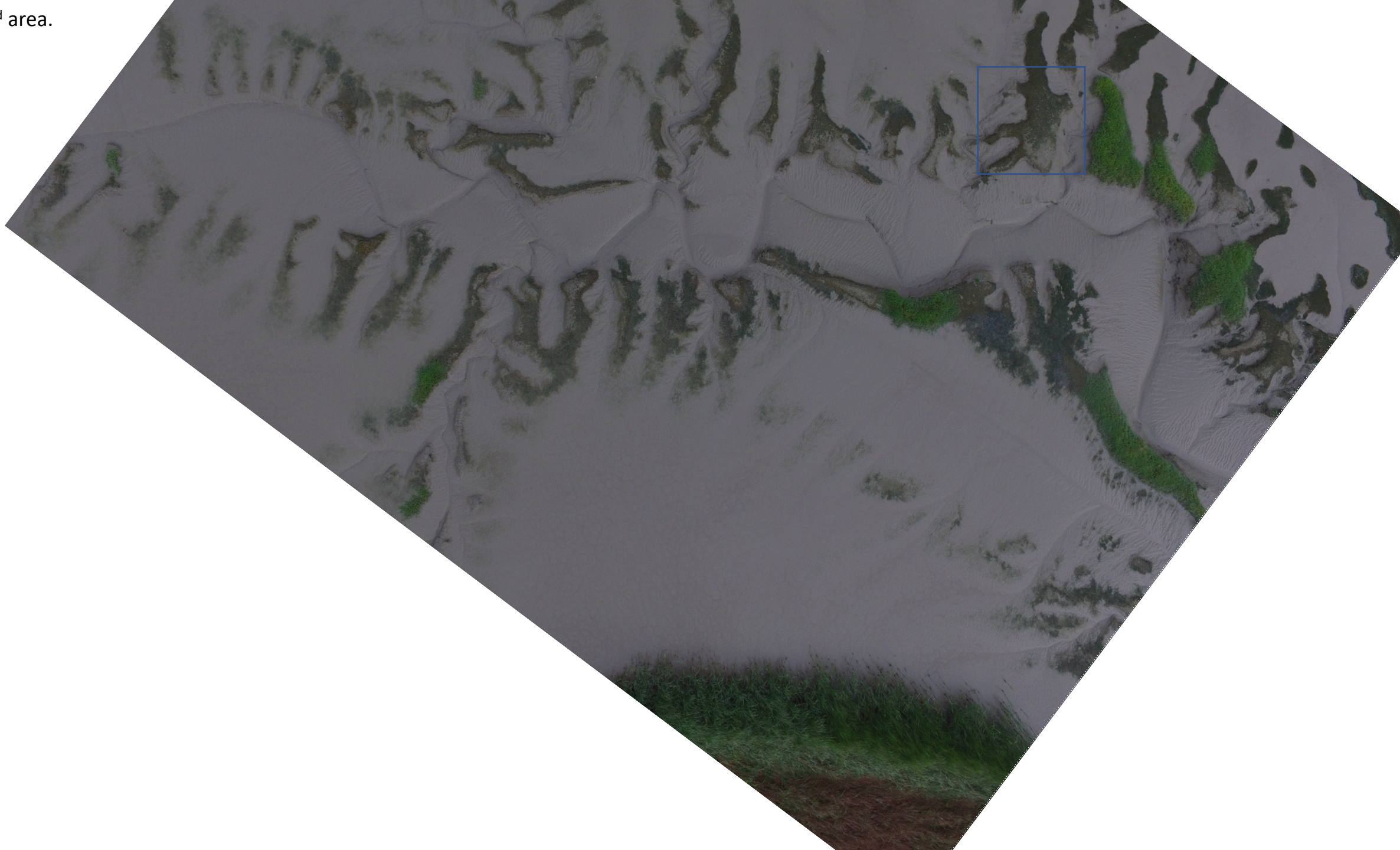
4) Idem, 2nd area.



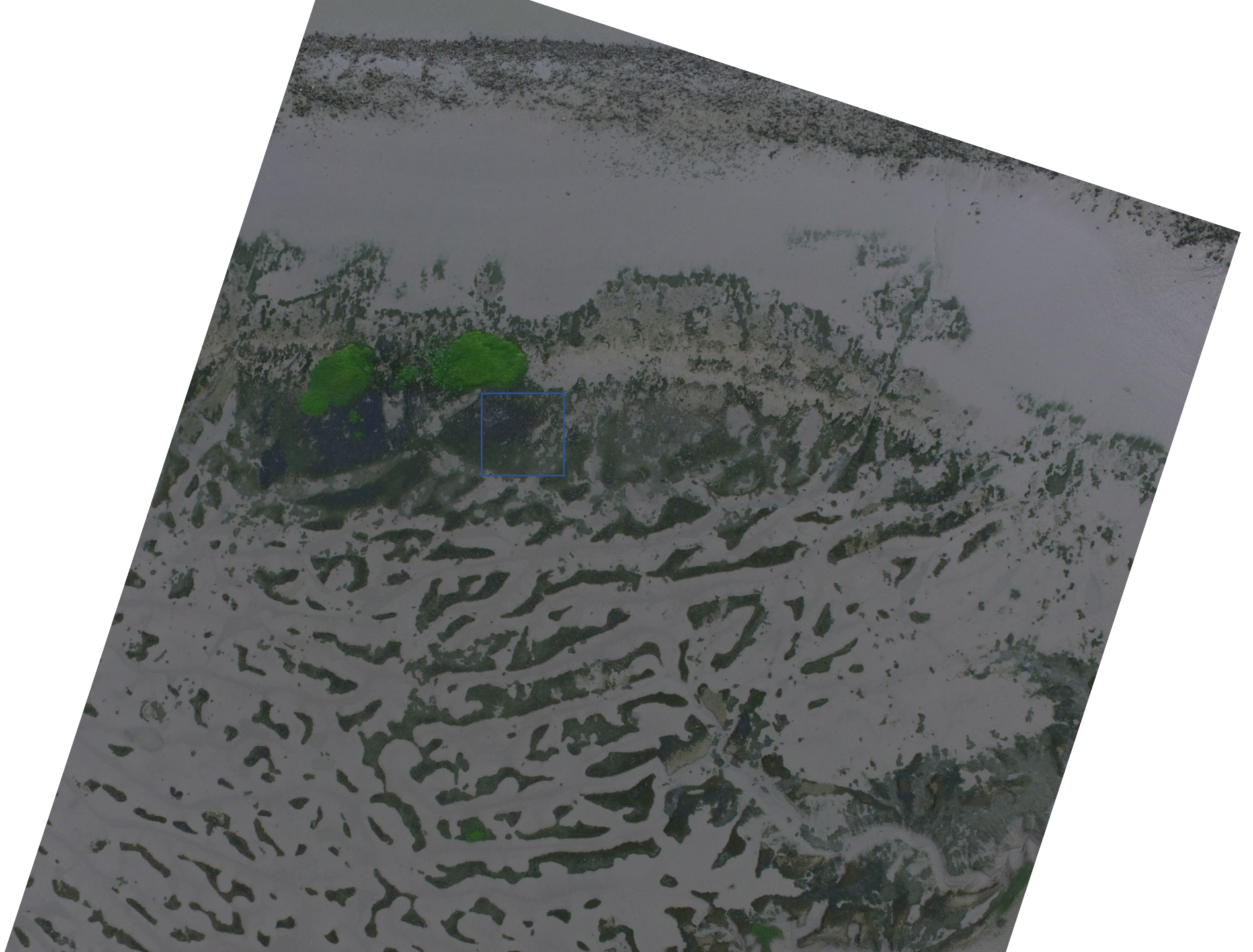
10.74cm = 22.8m

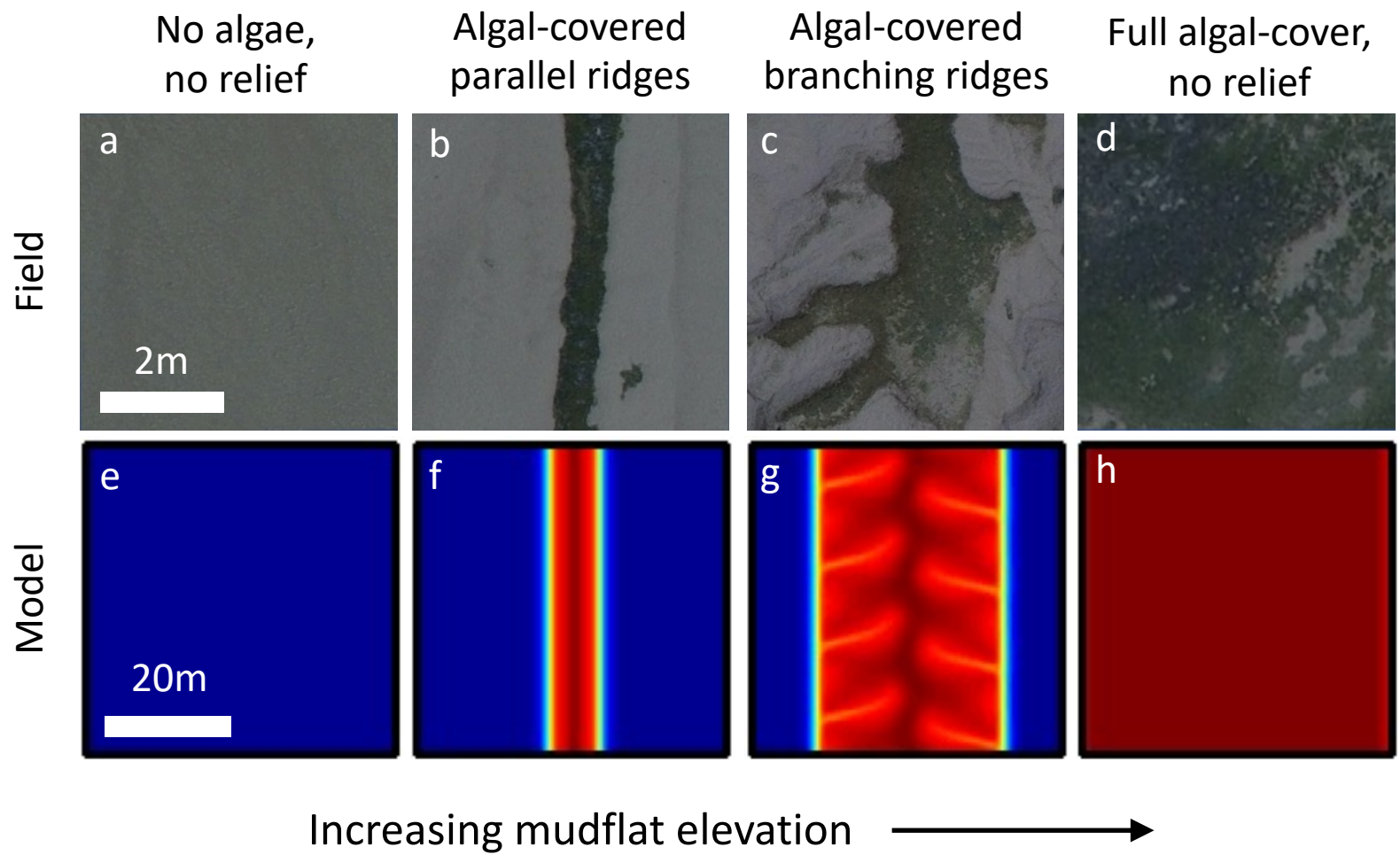
2.4cm = 5.09m

5) Idem, 3rd area.



6) Idem, 4th area.
Because this
drone photo was
taken from a
slightly higher
elevation, we
compare some of
the algal patterns
that are both
visible on this
drone photo and
on the previous
photo (previous
slide) in order to
choose the
correct size of the
4th area.





4.72cm = 5.09m

1.85cm = 2m