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## Determining Sentinel 2 tiles to image

In this map we determined which Sentinel 2 image tiles to image. To do this we loaded the Sentinel 2 tiling grid along with the existing Coral Sea reef mapping performed by Rob Beaman. This was then used as a guide to select tiles that overlapped with the reef features.

Chart

Description automatically generated

Figure 1. Map of the Coral Sea with an overlay showing the index of Sentinel-2 images (each rectangular region) and the reef boundaries from the Coral Sea Geomorphology (Beaman).

Graphical user interface, chart

Description automatically generated

Figure 2. Use the Select by location tool to select all the tiles that contain reefs. We then used Edit/Copy features then Edit/Paste Features as New Vector Layer.

## Graphical user interface, application Description automatically generated

Figure 3 Export settings for the Sentinel-2 image tiles with reefs in them.

Chart

Description automatically generated