E. KARST LANDFORMS

Field Note E7a. Waenhuiskrans Formation - Karst pinnacles in Arniston

The karst pinnacle cluster at Arniston.

E. KARST LANDFORMS

Field Note E7a. Waenhuiskrans Formation - Karst pinnacles in Arniston

There are two clusters of pinnacels on the East Shore of Arniston. This Field Note is about the northern cluster, or the karst pinnacles (Figures 1, 2 and 3). Read about the dissolution pinnacels in the Field Note about dissolution features.

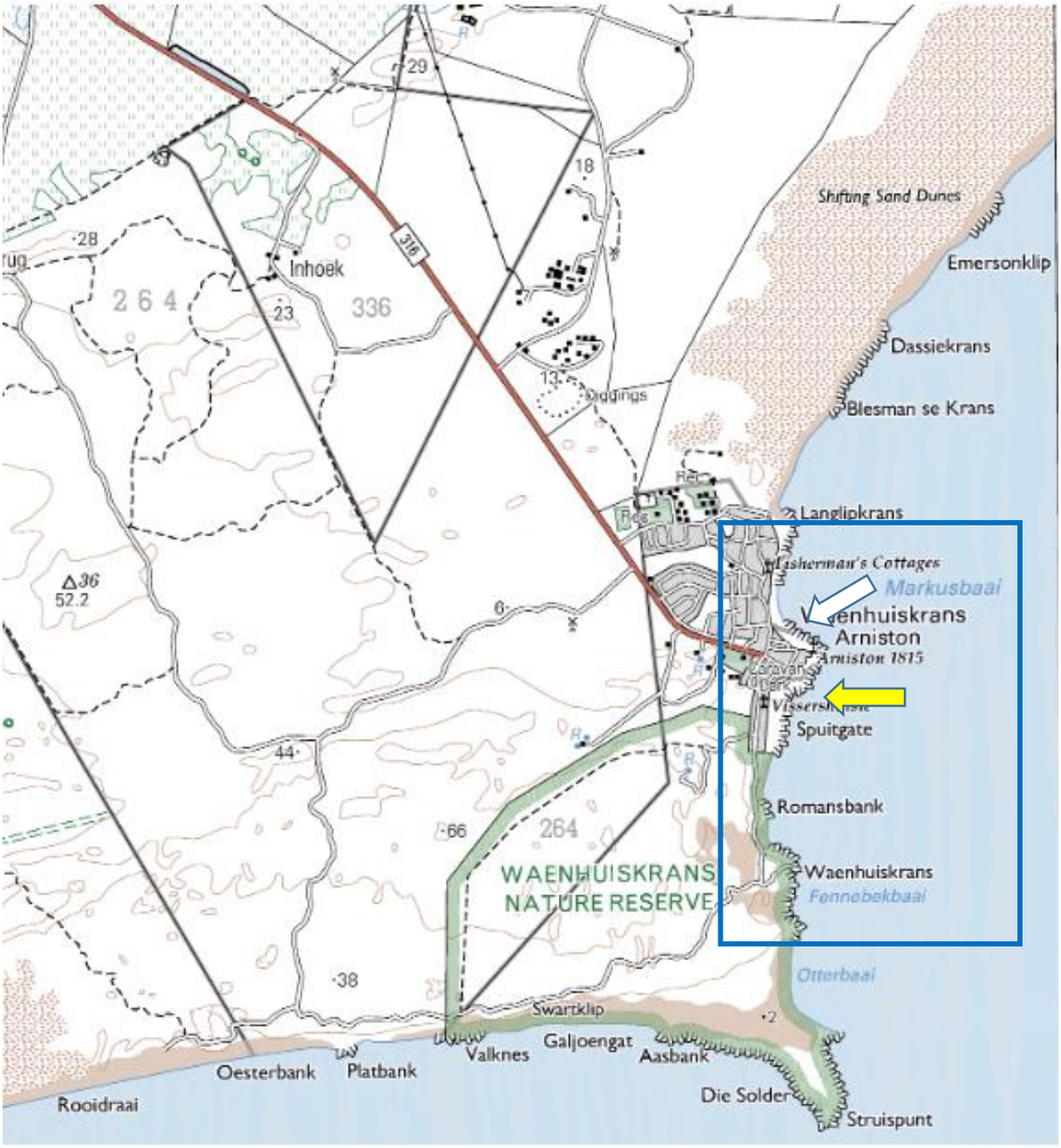

Figure 1. Topography map of Arniston shores. Blue box indicates the East Shore. Yellow arrow points to the karst pinnacles (yellow arrow points to the dissolution pinnacles).

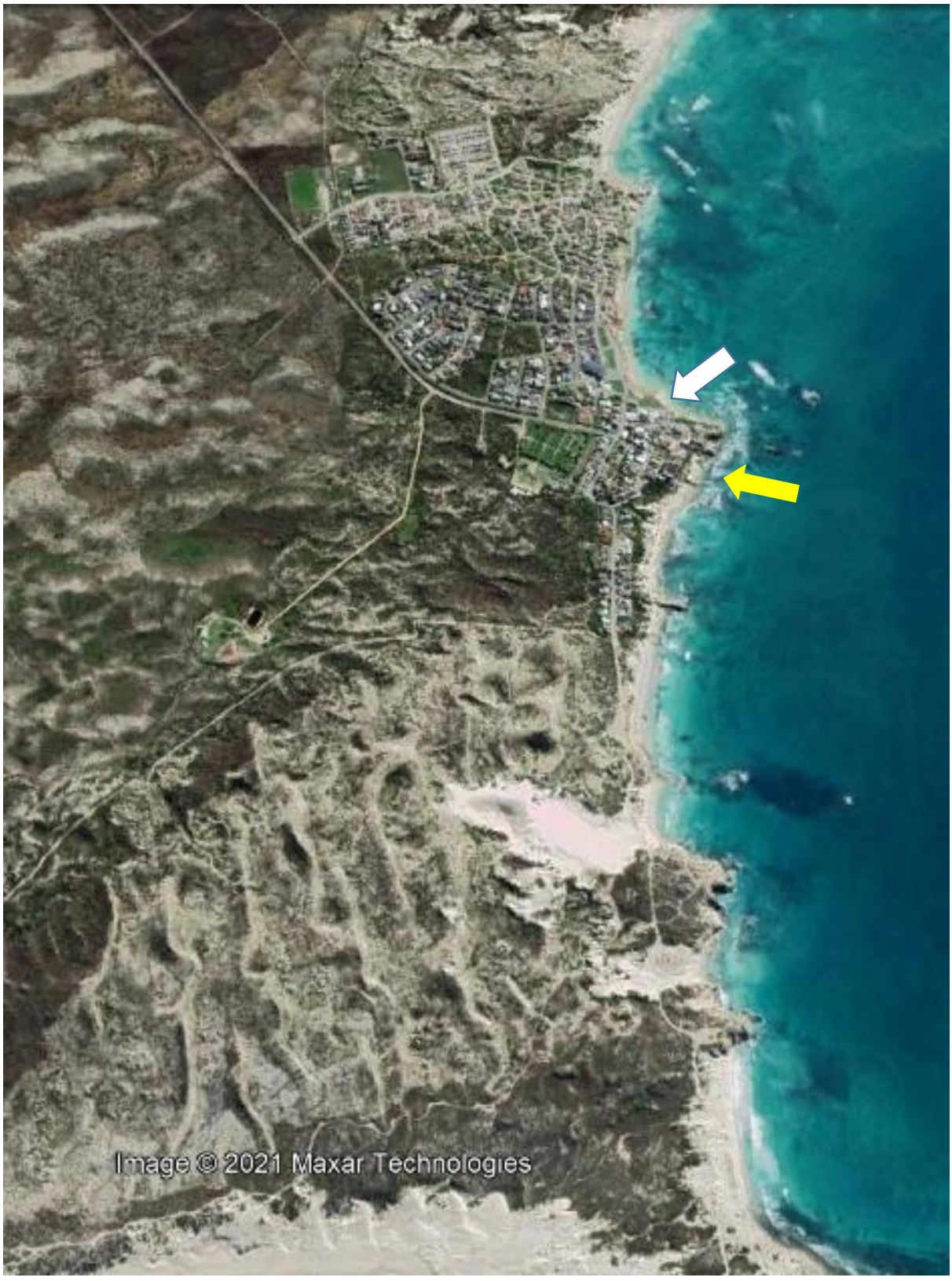

Figure 2. Satellite image of Arniston East Shore, showing the locations of the pinnacles. Yellow arrow points to the karst pinnacles (yellow arrow points to the dissolution pinnacles).

Figure 3. Satellite image of a section of the Arniston East Shore, showing the locations of pinnacles. Yellow arrow points to the karst pinnacles (yellow arrow points to the dissolution pinnacles).

The Karst pinnacles were formed within a pocket of the upper, semi-consolidated part of the Waenhuiskrans Formation (Figures 4 to 7).

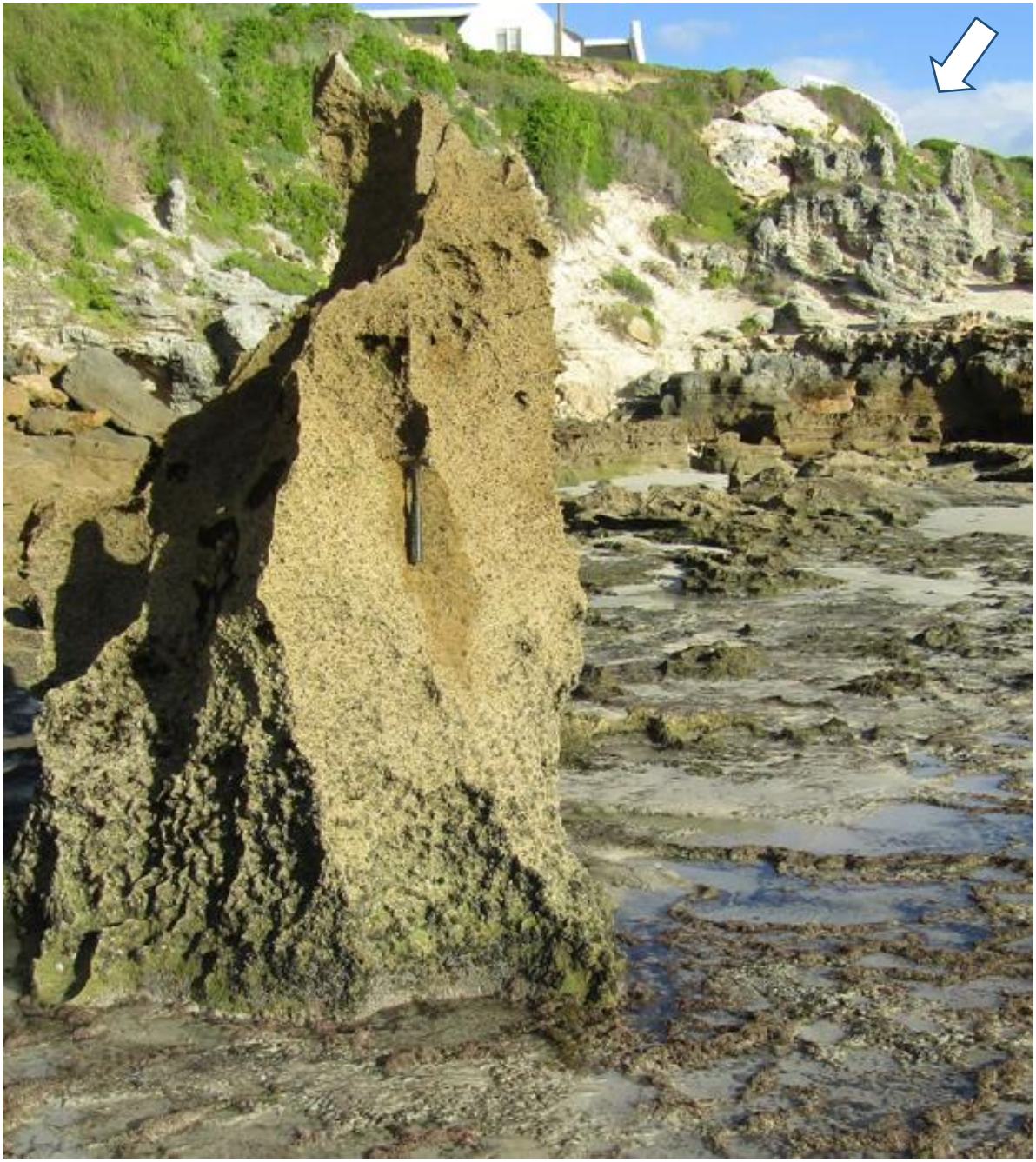

Figure 4. The karst pinnacle cluster at Arniston (arrow). View to the west. The pinnacle at the foreground is an isolated dissolution pinnacle (see Field Note of dissolution features).

Figure 5. The karst pinnacle cluster at Arniston (arrow). Note vthe huge chunks of the disintegrated calcrete layer (which covers the consolidated part of the Waenhuiskrans Formation) above the pinnacles.

Figure 6. Top and bottom - the karst pinnacle cluster at Arniston.

Figure 7. Top and bottom - the karst pinnacle cluster at Arniston.

