

## D. DURICRUSTS

### Field Note D5c. Ferruginised shales and sandstones



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Ferruginised shales and sandstones are present in the Study Area. In these outcrops, the shales and the sandstones maintained their original habits (contrary to heavily ferruginised outcrops; see Field Notes below). They can be easily identified by their reddish colour.

#### 1. *Ferruginised shales*

Many hillslopes in the Study Area are ferruginised (Figures 1 to 3).



**Figure 1. Top and bottom - ferruginised shales.**



**Figure 2. Top and bottom - ferruginised shales.**



**Figure 3. Top and bottom - ferruginised shales.**

## 2. *Ferruginised sandstones*

Some of the sandstone strata in the Study Area are ferruginised (Figure 4).



**Figure 4. Top and bottom: ferruginised sandstone strata (Middeldam Farm).**

The ferruginised sandstone lenses around Adoonskop (~10 km NNE of Bredasdorp), are quite prominent (Figures 5 to 8).



**Figure 5. Top and bottom (enlargement of box): ferruginised sandstones. Arrow points to strongly folded strata, shown below (on Adoonskop).**



**Figure 6. Top and bottom: ferruginised sandstone strata, shown above (Adoonskop).**



**Figure 7. Ferruginised sandstone outcrop on Addonskop. Top – satellite image; arrow indicates point and direction of photography of the bottom photo; view to the southwest.**





**Figure 8. Top and bottom - ferruginised sandstone outcrop on Adoonskop.**

Ferruginised sandstones are also found along the R319, ~15 km NNE of Bredasdorp. (Figures 9 and 10).



**Figure 9. Top – satellite image of sandstone outcrops (arrow) east of the R319. Bottom - ferruginised sandstone strata (arrows).**



**Figure 10. Top and bottom - ferruginised sandstone outcrops east of the R319.**

Ferruginised sandstones were also located west of Rooivlei Farm (Figure 11).



**Figure 11. Ferruginised sandstone outcrops (arrows) west of the R319. Top – satellite image. Bottom – view to the west.**