

D. DURICRUSTS

Field Note D6c. Breede River terraces ferricretes



Ferricrete on a gravel terrace along the Breede River.

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Ferricrete is abundant in the Study Area and ferricrete is present on some of the gravel terraces south of the Breede River (Figures 1 and 2).

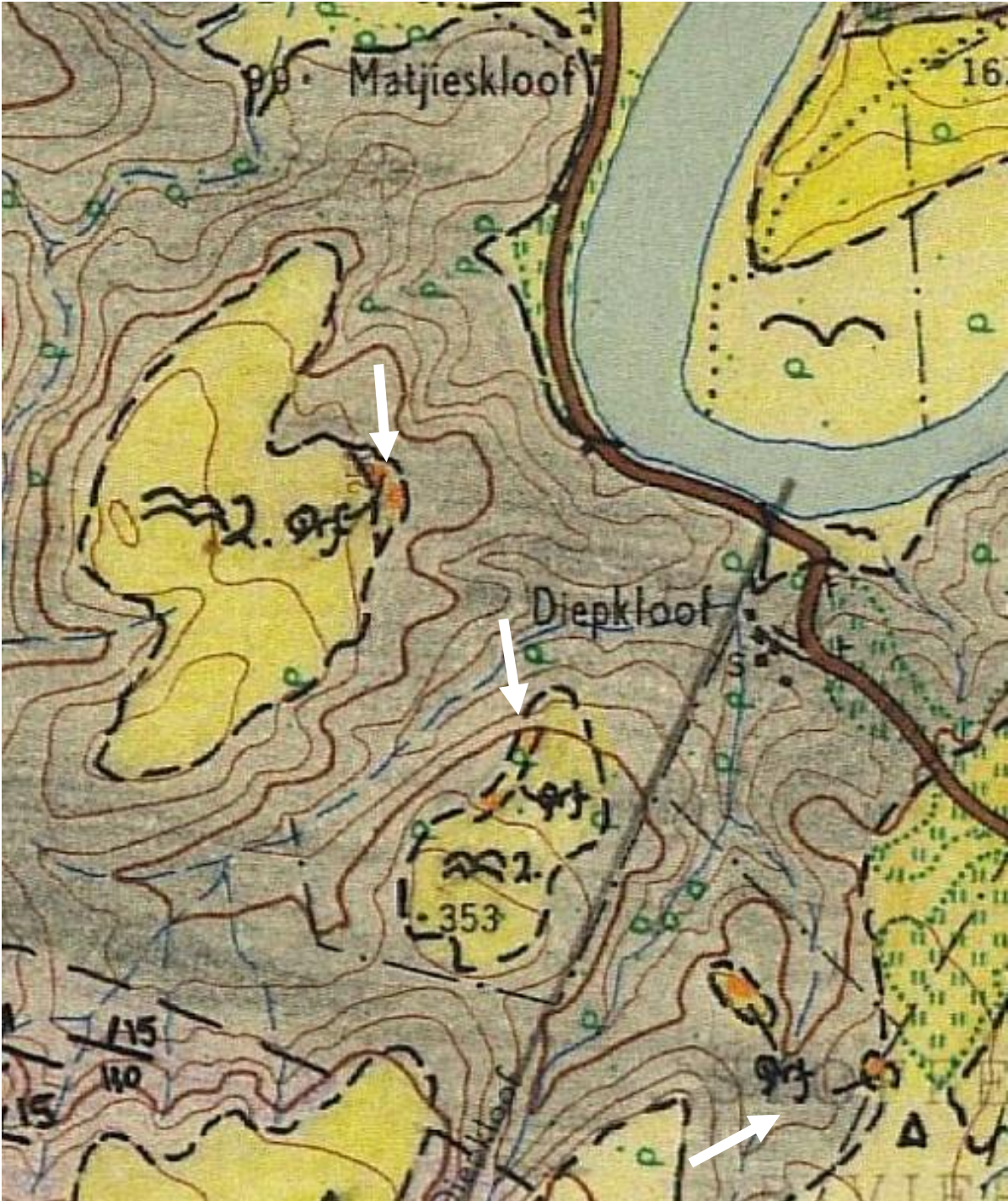
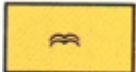


Figure 1. Geology maps (JA Malan, 1985) of a gravel terrace on the farm Diepkloof, south of the Breede River, showing ferricrete outcrops (arrows) at elevations of 90 - 100 m. The symbol Qrf stands for Quaternary ferricrete, (which could also be of Tertiary age). The symbol for terraces is:



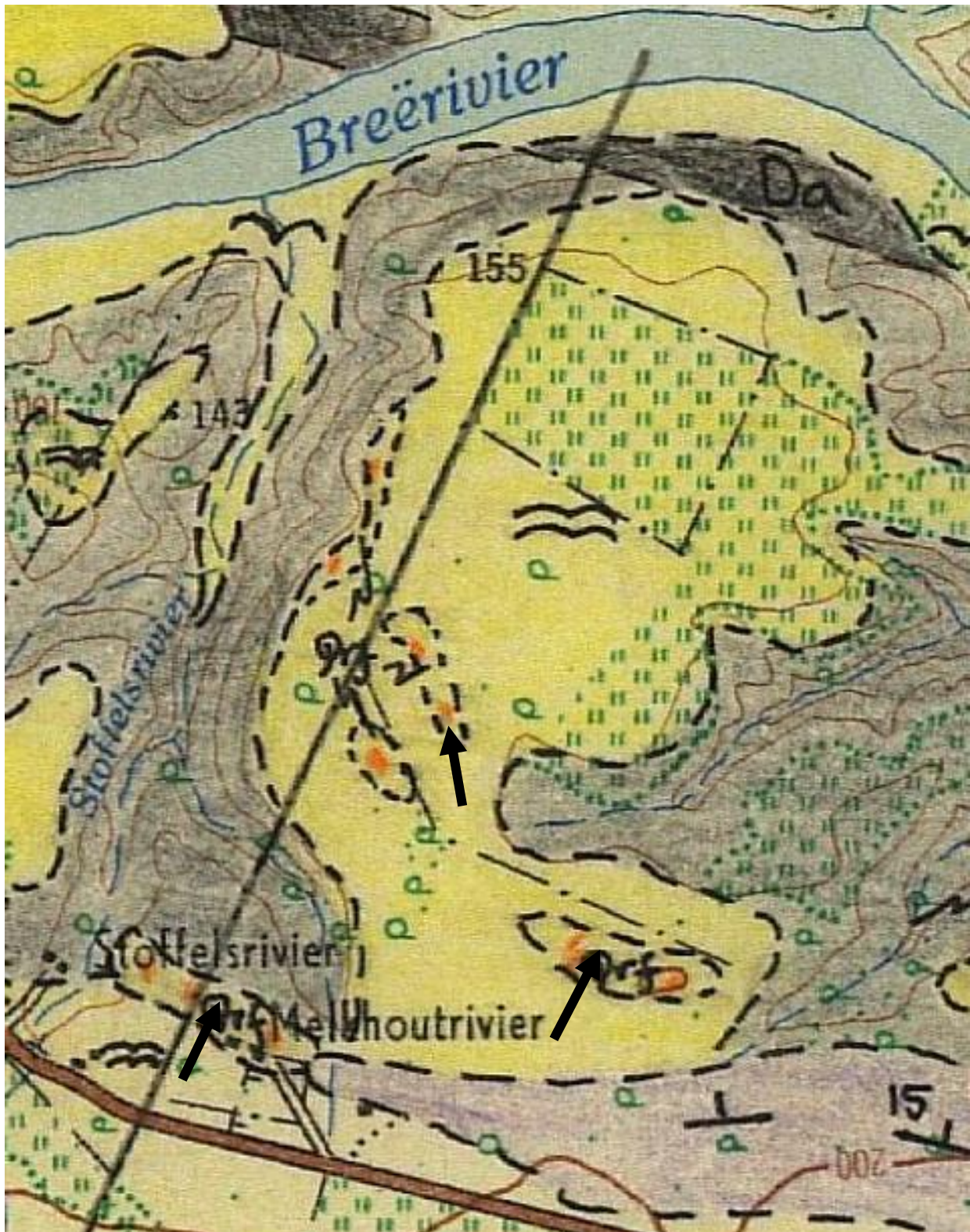


Figure 2. Geology maps (JA Malan, 1985) of a gravel terrace on the farm Melkhoutrivier, south of the Breede River, showing ferricrete outcrops (arrows) at elevations of 50 - 60 m. The symbol Qrf stands for Quaternary ferricrete (which could also be of Tertiary age). The symbol for terraces is:



The ferricrete is present in four main forms: a. ferruginised gravel, b. ferricrete nodules, c. massive ferricrete and d. ferricrete as cement of conglomerate (Figures 3 and 4).



Figure 3. Ferricrete forms: top – ferruginised gravel. Bottom – ferricrete nodules (the small, black pebbles).



Figure 4. Ferricrete forms: top – massive. Bottom – conglomerate.

See also Chapter Q, a Field Note on the Breede River gravel terraces.