

D. CLACRETE

Field Note D2b. On the Enon Formation

Calcrete was formed on the Enon Formation fine deposits, in the Soutpansvlakte Basin (Figure 1) and on the hills around it, as shown in Figures 2 to 11.

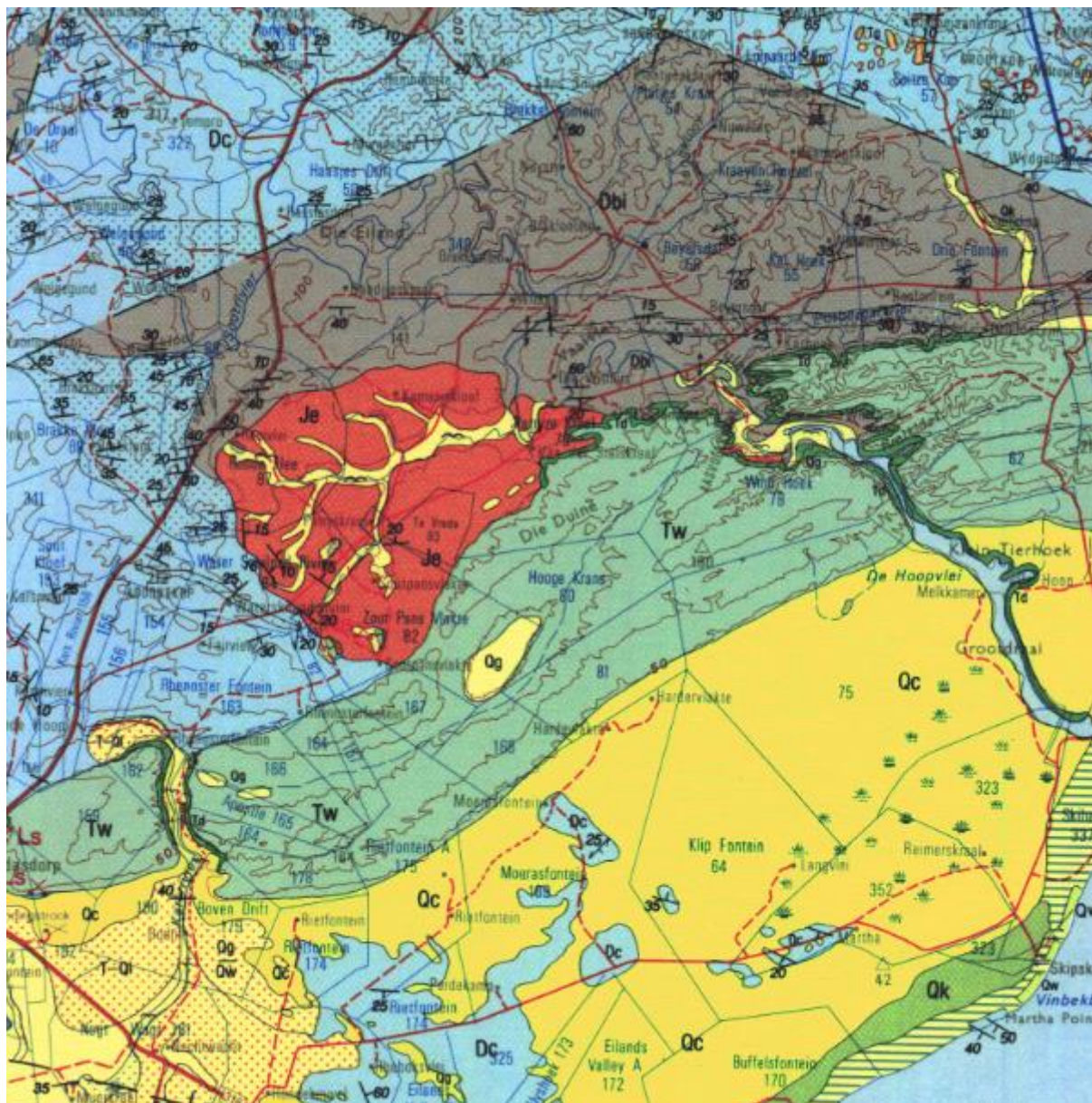


Figure 1. Geology map of part of the Study Area. The red colour represents the Enon Formation sediments (within the Soutpansvlakte Basin).



Figure 2. Disintegrated calcrete over Enon Formation sediments in the Soutpansvlakte Basin.



Figure 3. Calcrete layer is exposed on a road at the heart of the Soutpansvlakte Basin.



Figure 4. Top and bottom, in a digging, at the heart of the Soutpansvlakte Basin (~1 km east of Patryskraal Farmhouse): Calcrete layer, 1-1.5 m thick over Enon Formation deposits. The dashed line represents the contact between the formations



Figure 5. Top and bottom, in a calcrete quarry at the top of a high at the heart of the Soutpansvlakte Basin (~2 km west of Van der Stelskraal Farmhouse: thick (>2 m) calcrete over Enon Formation deposits.



Figure 6. Calcrete patches (arrows) over Enon Formation sediments on a hill slope.



Figure 7. Calcrete layer is exposed on Enon Formation deposit on a road at the southern edge of the Soutpansvlakte Basin.



Figure 8. Thick (~2 m) calccrete layer on Enon Formation deposits in a ravine in the Soutpansvlakte Basin.



Figure 9. Satellite image of calccrete cover on Enon Formation deposit (on the south side of the Salt River Gorge).



Figure 10. Thin calcrete layers on Enon Formation deposits (The Island, in the Salt River Gorge).



Figure 11. Calcrete lumps on Enon Formation deposits, at the southern edge of the Soutpansvlakte Basin.