

## Guide

This website will eventually contain over 300 field notes as well as over 50 desk notes, discussions and appendices on a variety of features and natural processes in different locations within the Study Area. For ease of navigation in the site, the notes have been installed in twenty-seven chapters. In every chapter the notes were grouped in sections according to certain subjects (the site is continuously populated, and notes are added from time to time).

The first six chapters (A to F) are introductory. The order of the next twelve chapters (G to R) is, generally, from the west (Cape Agulhas) to the east (Cape Infanta). The next chapter (S) is about the area (Rûens) north of the Hard Dunes. The next three chapters (T to V) are about the coastal area and the adjacent sea. The next chapter (W) contains discussions on various subjects, followed by two chapters of appendices, which contain notes (some of which are archival) about the fauna and flora (X) and about other subjects (Y) of the Study Area. The last chapter (Z) contains bibliography lists and information sources.

When readers click the '*Table of Contents*' button, the names of the chapters are shown. The following is a breakdown of the chapters into sections and into individual notes, which will help readers to find the subject they want to read about (only highlighted notes can be accessed):

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- 2. Geology
- 3. Morphology
- 4. Hydrology
- 5. Archaeology

### B. NATURE RESERVES

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- 2. Public nature reserves
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  - b. Soetendals Vlei Nature Reserve
  - c. Waenhuiskrans Nature Reserve
  - d. Heuninberg Nature Reserve
  - e. De Hoop Nature Reserve and Marine Protected Area
- 3. Private nature reserves
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  - b. Heunings River Nature Reserve
  - c. Ancient Milkwood Tree (National monument)
  - d. Vogel Rivier Nature Reserve
  - e. Haarwegskloof Renosterveld Reserve
  - f. Hasekraal Nature Reserve
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- 5. Bredasdorp Shipwreck Museum

### C. GEOLOGY

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  - c. Bredasdorp Outcrops
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- 2. Srtuis Point
- e. Potberg Outcrops
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- 4. Quartz veins (see Chapter S)
- 5. Clays (see Chapter S)
- 6. Enon Formation
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  - b. Salt River and De Hoop Vlei Gorges
  - c. Deposits
  - d. Subsurface geology
  - e. Clasts
- 7. Gravel terraces
  - a. North of the Hard Dunes
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#### D. DURICRUSTS

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- 2. Calcretes - Overview
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  - b. Calcrete on the Enon Formation
  - c. Calcrete on the Bredasdorp Group Formations
  - d. Calcrete on the Bredasdorp Plain
  - e. Calcrete in the Ou Werf Valley
  - f. Calcrete around roots
  - g. Calcrete as conglomerate cement
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  - i. Calcrete spatial distribution
- 3. Silcretes and ferricretes – Overview
- 4. Silcretes
  - a. Pedogenic silcretes – A. Hilltops
  - b. Pedogenic silcretes – B. Hill slopes
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  - d. Use of silcretes in prehistoric times

- e. Non pedogenic silcretes – A. Ground water
- f. Non pedogenic silcretes – B. Drainage-lines and rivers
- g. Non pedogenic silcretes – C. Lakes and pan
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  - c. Ferruginised shales and sandstones
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- 6. Adjacent areas
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#### G. CAPE AGULHAS AND STRUIS BAY

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- 8. De Hoop Vlei hydrology
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  - c. Water levels - 1900 to 1960
    - 1. Flash flood of 1957
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    - 1. Floods of 2007 and 2014
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  - b. Dunes of the Study Area
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- c. Wave-cut notches
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- 5. Agulhas to Struis Bay shores
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- 9. Overberg Test Range Shores
- 10. De Hoop Nature Reserve Shores
- 11. Cape Infanta Shores
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#### V. OFFSHORE

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- 2. Bathymetry
- 3. Sea-level changes
- 4. Currents and upwelling
- 5. Archaeology - Shipwrecks

#### W. DISCUSSIONS

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- De Hoop Vlei hydrology
- Drainage of De Hoop Vlei
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  - 1. Ramsar Convention (archival)
  - 2. De Hoop Nature Reserve (a) (archival)
  - 3. De Hoop Nature Reserve (b) (archival)
  - 4. Fynbos habitat of De Hoop Vlei (archival)
  - 5. Limestone fynbos (archival)
  - 6. Renosterveld vegetation
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  - 7. De Hoop bats (archival)
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#### Y. APPENDICES – OTHER SUBJECTS

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  - 1. Salt River Marsh - Floods and droughts
  - 2. Skipklop fishing community
- b. By others
  - 1. De Hoop Vlei – Floods and droughts
  - 2. The People of De Hoop Nature Reserve
  - 3. Catastrophic earthquakes 70,000 years ago

#### Z. BIBLIOGRAPHY (partial lists)

- 1. Geography
- 2. Morphology
- 3. Geology
- 4. Hydrology
- 5. Archaeology
- 6. Fauna and flora