

## Landscapes

The information used to assess the landscape aesthetic values was obtained during a site visit to the primary and secondary study areas. This information consisted of visual assessment utilising photos and on site valuing. Further analyses of the study area consisted of base line information such as contours and biophysical data.

To assess the aesthetic value of landscapes, consideration should be given to the visual elements that contribute to the composition of the landscape. The visual elements consist of, but are not limited to, landforms (e.g. valleys), vegetation (e.g. fynbos), utilisation (e.g. agriculture) and structures (e.g. power lines). The landscapes have been assessed as an integrated whole, although each element may increase or decrease the potential aesthetic value of the landscape. A general description of the visual envelope has been applied to the landscapes to assess the primary and secondary horizons. The tourist visual experience will also influence the aesthetic value of the landscape.

The following is a short description of the visual assessment criteria used:

- **Landscape elements**  
Landscape elements such as landform, vegetation, utilization and structures that occur within each section of the tourist routes and general analyses.
- **Spatial extent**  
A description of the location within the visual envelope and the primary and secondary horizons. The primary horizon is normally in the foreground of the visual experience, creating the visual envelope. The secondary horizon is set back behind the primary horizon and may not be visible at all times.
- **Landscape quality**  
A description of the quality of the landscape and elements therein, in terms of a high visual quality, medium visual quality, low visual quality and degraded visual quality. The quality of the landscape relates directly to the degree or level of excellence of the landscape characteristics.
- **Tourist significance**  
A description of the significance of the landscape and elements therein, in terms of a high tourist significance, medium tourist significance and low tourist significance. The tourist significance relates the importance of the visual experience by tourists.

### 4.4.1

#### Primary landscape analyses

The Cape Agulhas region's landscape is influenced by well-defined landforms that occur in the study area (Figure 4.6). The region is defined by two large groupings of landform. The northern and north-western parts of the region consist of rolling hills and valleys that become more pronounced further North in the study area, while to the South, the landform consist of a large flat coastal plain. A mountain ridge in the western section of the study area divides the two landform groups. Within the western section, the mountain ridges sweep down to create a broken coastal ridge from Hermanus to Cape Agulhas. The majority of rivers drain from the rolling hills and mountains into the coastal plain. With the coastal plain being very flat this drainage forms an intricate network of wetlands and pans.

On a larger scale the mountain ridges that run from Caledon to Swellendam define the northern sector of the study area. The mountain ridges from Hermanus to Bredasdorp define the coastal plain in the South. The visual envelope in the South is very open with distant horizons, while in the North, the primary horizon alternates as the rolling hills give way to valleys, creating various visual envelopes.





### 4.5









#### Issues and concerns

- A unique diversity of communities, cultures and natural and cultural-historic resources are found. The region has a rich historical and cultural heritage, which should be preserved.
- Cultural resources such as buildings and shipwrecks are protected in terms of legislation. Despite legislative requirements, marine cultural resources continue to be negatively impacted during marine and coastal construction activities. Off-road vehicles are especially a threat to shell middens, shelters, burnais and fish traps along the shoreline.
- An architectural style that will complement local architecture in proposed tourist areas should be adopted, which will contribute to the enhancement and preservation of the architectural heritage.

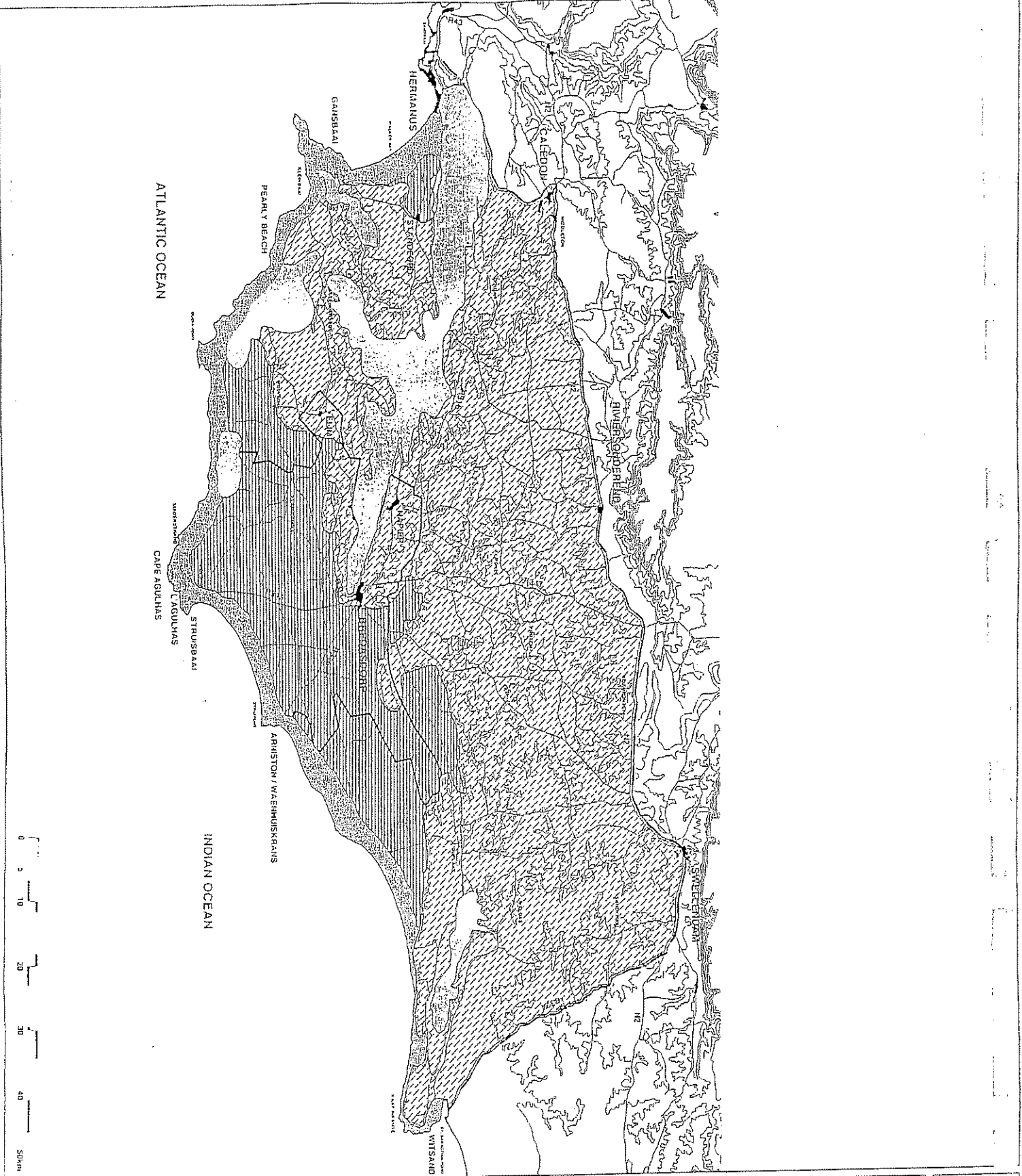
CAPE AGULHAS TOURISM  
DEVELOPMENT FRAMEWORK

LEGEND

-  ROADS
-  TOWNS
-  PRIMARY STUDY AREA
-  SECONDARY STUDY AREA

-  ROLLING HILLS AND VALLEY
-  MOUNTAIN RIDGES
-  COASTAL PLAIN
-  COASTAL RIDGE
-  COASTAL DUNES
-  CONTOURS
-  RIVERS
-  SENSITIVE WETLANDS

LANDSCAPE ANALYSIS



5 INFRASTRUCTURE

5.1 Introduction

This section on the status quo of engineering services in the various towns, highlights the infrastructure aspects that may have a bearing on development. Information has been obtained from a desktop study of the documents listed at the end of this report. Affected aspects will be investigated and reported on in more detail, once there is some direction towards actual proposals.

5.2 Description and demographics of area

The area comprises a number of towns and settlements. Bredasdorp is the largest town and is the main centre for the area, while Napier is a smaller inland town. The coastal towns of Arniston/Waenhuiskrans, Struisbaai, L'Agulhas and Suiderstrand are predominantly holiday towns. Elfm is an inland dense rural settlement.

The demographics of the various towns and settlements can best be seen in Table 5.1. The table illustrates a 50 per cent increase in population during the holiday season. This clearly has a large influence on the services provision over that peak period.

5.3 Transport linkage

5.3.1 Roads

The overall area is accessed from the N2 by surfaced roads from Caledon to the northwest and Stormsvlei and Swellendam to the northeast. These roads converge in Bredasdorp. A surfaced road from Hermannus/Stanford (R326) to the West links into the Caledon to Napier/Bredasdorp road (R316), approximately halfway between the towns.

From Bredasdorp surfaced roads extend southwards to Arniston (R316) and Struisbaai/L'Agulhas (R319). A gravel road extends from L'Agulhas past the southern-most point to Suiderstrand. A gravel road past the De Hoop Nature Reserve links to the Breede River pont-crossing at Malgas to the East.

A network of gravel roads links the area with Gansbaai/Die Dam and Elfm to the West. A separate study, commissioned by the Provincial Administration of the Western Cape (PAWC), to investigate the costs/benefits and feasibility of upgrading several of these routes took place at the same time as the preparation of the Tourism Development Framework.

Table 5.1: Demographic Information

Appendix B -

| Cape Agulhas Municipality - Summary of Urban Consumer Categories |                  |                    |                     |                 |                                      |  |
|--|------------------|--------------------|---------------------|-----------------|--------------------------------------|--|
|  | Total Population | the forwarder CUVs | the day median CUVs | Commercial CUVs | Other CUVs (small urban, provincial) |  |
| Bredasdorp   | 11 480           | 6 871              | 80                  | 742             | 400                                  |  |
| L'Agulhas  | 326              | 622                | 0                   | 0               | 24                                   |  |
| Waenhuiskrans  | 194              | 451                | 0                   | 10              | 24                                   |  |
| Suiderstrand   | 1266             | 2229               | 0                   | 29              | 12                                   |  |
| Elfm   | 2824             | 562                | 0                   | 14              | 15                                   |  |
| Subtotal   | 174              | 485                | 10                  | 0               | 0                                    |  |
| Total per Category   | 18 574           | 8 285              | 94                  | 221             | 361                                  |  |

| Cape Agulhas Municipality - Summary of Rural (Benson) Consumer Categories |                  |                    |                     |                 |                                      |  |
|---|------------------|--------------------|---------------------|-----------------|--------------------------------------|--|
|   | Total Population | the forwarder CUVs | the day median CUVs | Commercial CUVs | Other CUVs (small urban, provincial) |  |
| Elfm  | 1 112            | 202                | 1                   | 4               | 7                                    |  |
| Walden Region   | 174              | 45                 | 1                   | 2               | 3                                    |  |
| Total per Category  | 1 286            | 247                | 2                   | 6               | 10                                   |  |

| Cape Agulhas Municipality - Current Consumer Profile |         |         |         |        |  |
|--|---------|---------|---------|--------|--|
|  | Service | Service | Forward | Total  |  |
| 1. Total Population                                  | 12 264  | 1 286   | 6 482   | 24 544 |  |
| 2. the household CUVs                                | 5 352   | 42      | 1 825   | 8 160  |  |
| 3. the industrial CUVs                               | 2       | 1       | 0       | 3      |  |
| 4. the commercial CUVs                               | 121     | 5       | 2       | 226    |  |
| 5. the other CUVs                                    | 181     | 10      | 0       | 194    |  |

| Cape Agulhas Municipality - Migration patterns |                     |                    |  |
|--|---------------------|--------------------|--|
| Segmented Type                                 | Forwarder Residents | Holiday Population |  |
| Urban  | 71 167              | 11 163             |  |
| • Bredasdorp                                   | 283                 | 2 725              |  |
| • L'Agulhas                                    | 282                 | 2 334              |  |
| • Waenhuiskrans                                | 1 229               | 6 500              |  |
| • Suiderstrand                                 | 228                 | 2 541              |  |
| • Elfm   | 43                  | 284                |  |
| • Suiderstrand                                 | 1352                | 27 319             |  |
| Rural: Other - Elfm                            | 1 172               | 2 024              |  |
| • Other  | 172                 | 171                |  |
| Subtotal                                       | 6 482               | 6 485              |  |
| Total  | 24 544              | 24 545             |  |