

SITE INSPECTION REPORT:

Dannhauser Housing Development:



Prepared by Mr. S.S Dlamini of SPHE Consulting Services (Pty) Ltd

Table of Contents:

Item	Description	Page no.
1.	Introduction	3
1.1.	Project description	3
2.	Environmental and socio-economic aspects	3
2.1.	Land cover and surroundings	3
2.2.	Water Bodies	3
2.3.	Soil Description,Potential and Depth:	3
2.4	Geology:	4
3.	Conclusion:	4

Initial Site Inspection Report for the Dannhauser Housing project:

The abovementioned refers:

1. Introduction:

On the 07th of March 2015, a site inspection was conducted by Mr. S.S Dlamini of SPHE Consulting Services. He was accompanied by Mr. S Khambule of Stedone Developments (Pty) Ltd, Mr. T. Nkomzwayo of the Dannhauser Local Municipality and Thandeka of the KZN Department of Human Settlement. The purpose of the site inspection was to study the proposed site for development and its environmental and socio-economic aspects.

1.1. Project description:

Dannhauser Municipality to develop a residential township". This urban housing project (1000 sites) falls within Erf no 511/ the land extent is 690419 m2. The current zoning is agricultural.

2. Environmental and socio-economic aspects:

2.1. Land cover: and surroundings:

The overall land cover within the project area is characterized unimproved grassland this type of land cover is abundant in the northern, western, southern and central parts of the project areas.

There are three unauthorized occupants that have to be moved prior to commencement with the construction activities. Adjacent the project area is a built up residential settlement. Furthermore; there is a hospital in the project area, this hospital has been recently constructed and it is currently operational. This hospital is fenced and secured.

Adjacent to the project area, there is Dannhauser Cemetery and on the southern parts, outside the project area there are linear secondary plantations. The slope analysis of the entire project area is characterized as being flat.

2.2. Water Bodies :

The Dannhauser housing project area is not traversed by any perennial and non-perennial water courses. Basically, there are no water bodies in close proximity to the project area.

2.3. Soil Description, Potential and Depth:

The dominant soil in the project area can be described as "Plinthic catena:undifferentiated, upland duplex and/or marginalitic soils common" which underlies 100% of the total project area, and is located

across the whole project area. The possibilities of soil erosion are minimal due to the fact that there is flat land.

2.4. Geology:

The area is underlain by two distinct rock type. The most abundant of them being "Dolerite" which covers approximately 73 % of the total area of the Dannhauser project area. The dolerite geology type predominantly occurs in the northern, eastern, central and western parts of the project area. The second most dominant geology type is the "Shale" geology which accounts for 27% of the project area. Shale lies in the southern part of the project area.

3. Conclusion:

The results of the site inspection proves that the proposed housing development may commence without any doubts. It is clear that the project area is not composed of any sensitive natural environments (e.g. wetlands, river streams, diverse natural vegetation).