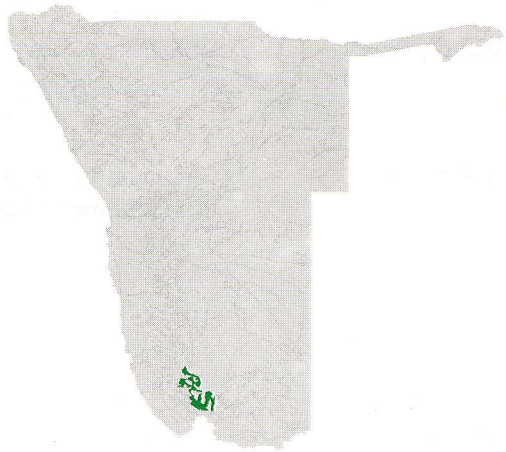


**AGRO-ECOLOGICAL ZONE DESCRIPTION**

AEZ Code	<b>ESC1</b>	
AEZ Name	<b>Escarpment, high table mountains on Karoo rocks</b>	
AEZ Area	4 728 km <sup>2</sup>	

<b>Summary of Landform Information</b>		<b>Codes</b>
Landform type	mountain	[m]
General altitude range	1 300 m - 1 700 m	
Regional slope range	15 - 60 %	
Relative relief	> 300 m: very high relative relief	
Drainage pattern	strongly oriented, radial	
Geological substrata	Karoo sandstones, shales and limestone	
SOTER landform	high-gradient mountains	[TM]
SOTER lithology	clastic sediments → sandstone, greywacke, arkose	[SC2]
	clastic sediments → shale	[SC4]
	organic sediments → limestone, other carbonate rocks	[SO1]

<b>Summary of Growing Period Information</b>		
Dominant Zone	10	Average growing period 8 days, no dependable growing period

<b>Summary of Soils Information - FAO Soils Units and Fertility Capability Classification</b>		
Dominant	50 % Eutric Leptosols 50 % Rock	shallow soils, loamy topsoil, fair to good nutrient status

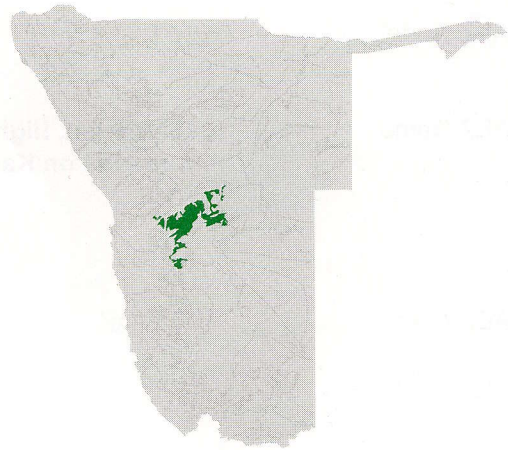
<b>Agricultural Potential</b>	
Ranking	10 <sup>th</sup>
Suitability	sheep grazing only

**AGRO-ECOLOGICAL ZONE DESCRIPTION**

AEZ Code **ESC2**

AEZ Name **Escarpment, high mountains  
on Basement Complex rocks**

AEZ Area 12 361 km<sup>2</sup>



**Summary of Landform Information**

**Codes**

Landform type	mountain	[m]
General altitude range	1 400 m - 2 000 m	
Regional slope range	15 - 60 %	
Relative relief	>300 m: very high relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic and granitic rocks	
SOTER landform	high-gradient mountains	[TM]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	[MB]
	acid igneous	[IA]

**Summary of Growing Period Information**

Dominant Zone	5	Average growing period 58, dependable growing period 33 days (75% of the average)
Associated Zone	6	Average growing period 48 days, no dependable growing period
Included Zone	9	Average growing period 15 days, no dependable growing period
	8	Average growing period 25 days, no dependable growing period
	7	Average growing period 35 days, no dependable growing period

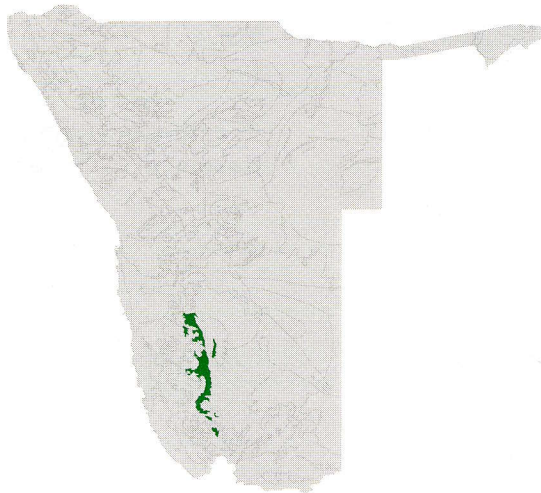
**Summary of Soils Information - FAO Soils Units and Fertility Capability Classification**

Dominant	50 % Eutric Leptosols 50 % Rock	shallow soils, loamy topsoil, fair to good nutrient status
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**Agricultural Potential**

Ranking	5 <sup>th</sup>
Suitability	large stock grazing

## AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	<b>ESC3</b>	
AEZ Name	<b>Escarpment, high plateaux on Karoo rocks</b>	
AEZ Area	7 858 km <sup>2</sup>	

Summary of Landform Information		Codes
Landform type	plateau	[t]
General altitude range	1 400 m - 1 950 m	
Regional slope range	0 - 15 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Karoo sandstones, shales and limestone	
SOTER landform	plateaux	[LL]
SOTER lithology	clastic sediments → sandstone, greywacke, arkose	[SC2]
	clastic sediments → shale	[SC4]
	organic sediments → limestone, other carbonate rocks	[SO1]

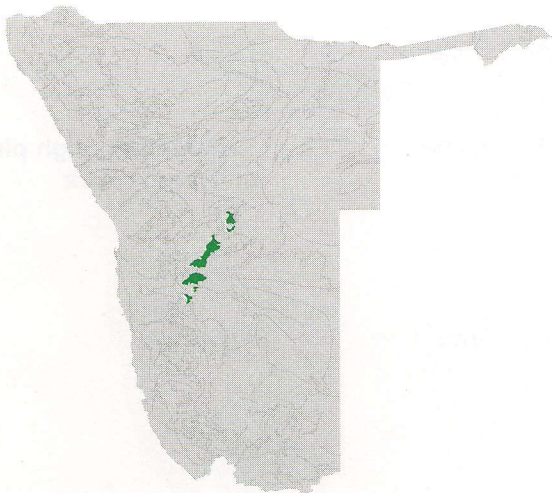
Summary of Growing Period Information		
Dominant Zone	9	Average growing period 15 days, no dependable growing period
Included Zone	10	Average growing period 8 days, no dependable growing period

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
Dominant	50 % Eutric Leptosols 50 % Rock	shallow soils, loamy topsoil, fair to good nutrient status

Agricultural Potential	
Ranking	9 <sup>th</sup>
Suitability	sheep grazing only



## AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	<b>ESC4</b>	
AEZ Name	<b>Escarpment, high plateaux on Basement Complex rocks</b>	
AEZ Area	5 034 km <sup>2</sup>	

Summary of Landform Information	Codes
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Landform type	plateau	[t]
General altitude range	1 700 m - 2 000 m	
Regional slope range	2 - 15 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic and granitic rocks	
SOTER landform	plateaux	[LL]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	[MB]
	acid igneous	[IA]

Summary of Growing Period Information		
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Dominant Zone	6	Average growing period 48 days, no dependable growing period
Associated Zone	8	Average growing period 25 days, no dependable growing period
	7	Average growing period 35 days, no dependable growing period
Included Zone	9	Average growing period 15 days, no dependable growing period

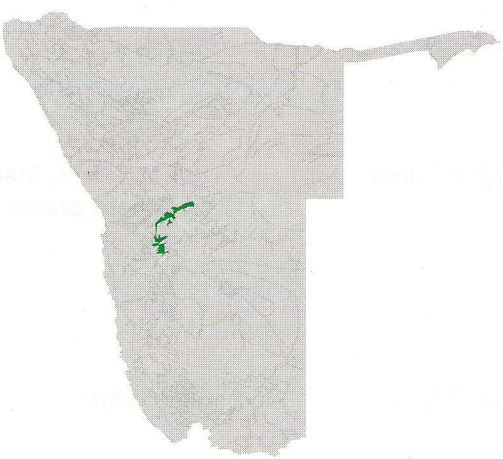
Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
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Dominant	45 % Eutric Leptosols 45 % Rock	shallow soils, loamy topsoil, fair to good nutrient status
Included	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status

Agricultural Potential	
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Ranking	6 <sup>th</sup>
Suitability	mixed large stock and sheep grazing

**AGRO-ECOLOGICAL ZONE DESCRIPTION**

AEZ Code	<b>ESC5</b>	
AEZ Name	<b>Escarpment, strongly dissected uplands bordering the highlands</b>	
AEZ Area	3 809 km <sup>2</sup>	

Summary of Landform Information		Codes
Landform type	hills and footslopes	[hf]
General altitude range	1 000 m - 1 600 m	
Regional slope range	8 - 30 %	
Relative relief	30 - 100 m: moderate relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic rocks	
SOTER landform	medium-gradient hills	[SH]
SOTER lithology	basic metamorphic	[MB]
	acid metamorphic	[MA]

Summary of Growing Period Information		
Dominant Zone	7	Average growing period 35 days, no dependable growing period
Associated Zone	9	Average growing period 15 days, no dependable growing period
	8	Average growing period 25 days, no dependable growing period
	5	Average growing period 58, dependable growing period 33 days (75% of the average)
	6	Average growing period 48 days, no dependable growing period

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
Dominant	40 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
	40 % Rock	
Included	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status modal calcareous soils, sandy to loamy topsoil, basic reaction, associated with very dry moisture regimes
	10 % Haplic Calcisols	

Agricultural Potential	
Ranking	7 <sup>th</sup>
Suitability	mixed large stock and sheep grazing

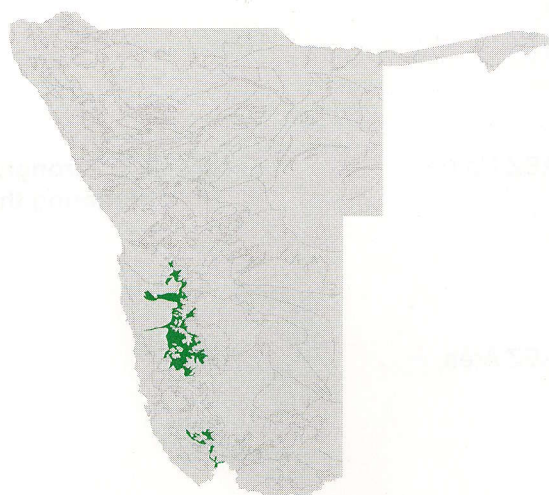


## AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **ESC6**

AEZ Name **Escarpment, inselberg and pediment plains with stony/sandy cover**

AEZ Area 14 153 km<sup>2</sup>



### Summary of Landform Information

### Codes

Landform type	inselberg plain	[li]
General altitude range	400 m - 1 000 m	
Regional slope range	2 - 8 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic and granitic rocks	
SOTER landform	dissected plains	[SP]
SOTER lithology	acid igneous	[IA]
	acid metamorphic	[MA]
	basic metamorphic	[MB]

### Summary of Growing Period Information

Dominant Zone	10	Average growing period 8 days, no dependable growing period
Associated Zone	9	Average growing period 15 days, no dependable growing period

### Summary of Soils Information - FAO Soils Units and Fertility Capability Classification

Dominant	45 % Eutric Leptosols 45 % Luvic Arenosols	shallow soils, loamy topsoil, fair to good nutrient status sandy soils with clay-enriched subsoil, low nutrient status
Included	10 % Haplic Calcisols	modal calcareous soils, sandy to loamy topsoil, basic reaction, associated with very dry moisture regimes

### Agricultural Potential

Ranking	10 <sup>th</sup>
Suitability	sheep grazing only