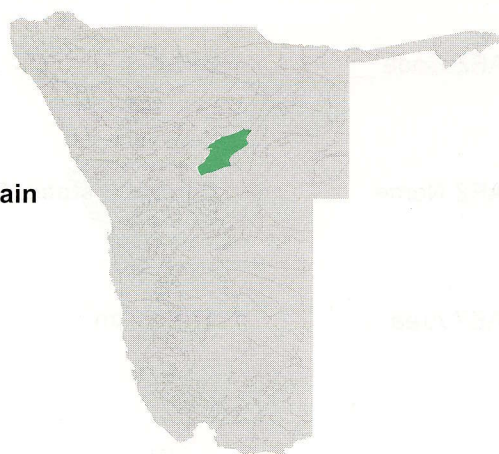


AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL1**

AEZ Name **Central Plateau, Southern Omatoko Plain**

AEZ Area 9 737 km²



Summary of Landform Information

Codes

Landform type	alluvial plain	[la]
General altitude range	1 200 m - 1 400 m	
Regional slope range	0 - 2 %	
Relative relief	< 10 m: very low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Kalahari sands, Karoo rocks, quaternary alluvium	
SOTER landform	plains	[LP]
SOTER lithology	unconsolidated eolian	[EU]
	clastic sediments	[SC]
	unconsolidated fluvial	[UF]

Summary of Growing Period Information

Dominant Zone 4 Average growing period 63, dependable growing period 6 days; very short dependable growing period

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

Dominant	30 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
Associated	20 % Luvisc Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	20 % Cambic Arenosols	sandy soils, low nutrient status
	20 % Haplic Calcisols	modal calcareous soils, sandy to loamy topsoil, basic reaction, associated with very dry moisture regimes
Included	10 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes

Agricultural Potential

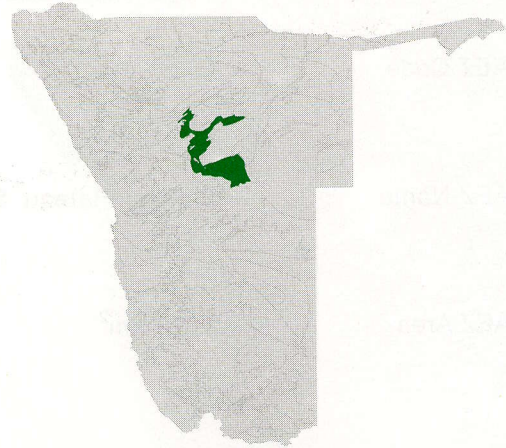
Ranking 4th
Suitability large stock grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL2**

AEZ Name **Central Plateau, fringe plains**

AEZ Area 17 603 km²



Summary of Landform Information

Codes

Landform type	plain	[I]
General altitude range	1 250 m - 1 700 m	
Regional slope range	0 - 2 %	
Relative relief	< 10m : very low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Karoo clastic rocks, metamorphic rocks	
SOTER landform	plains	[LP]
SOTER lithology	clastic sediments	[SC]
	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information

Dominant Zone	4	Average growing period 63, dependable growing period 6 days; very short dependable growing period
Associated Zone	3	Average growing period 83 days, dependable growing period 52 days (60 % of average)

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

Dominant	30 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
Associated	20 % Cambic Arenosols	sandy soils, low nutrient status
	20 % Eutric Cambisols	moderately developed soils, loamy topsoil, fair to good nutrient status
Included	10 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes
	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status,
	10 % Calcic Luvisols	non-acid soils with clay enrichment and lime concentrations in the subsoil, loamy topsoil, basic reaction

Agricultural Potential

Ranking	4 th
Suitability	large stock grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL3-4**

AEZ Name **Central Plateau, strongly dissected inselberg plains, average growing period 61-90 days, very short dependable growing period**

AEZ Area 8 255 km²



Summary of Landform Information

Codes

Landform typ	inselberg plain	[ii]
General altitude range	800 m - 1 700 m	
Regional slope range	8 - 15%	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	granitic rocks, metamorphic rocks	
SOTER landform	dissected plains	[SP]
SOTER lithology	acid igneous	[IA]
	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information

Dominant Zone 4 Average growing period 63, dependable growing period 6 days; very short dependable growing period

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

Dominant	60 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
Associated	30 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status,
Included	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking 4th
Suitability large stock grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code

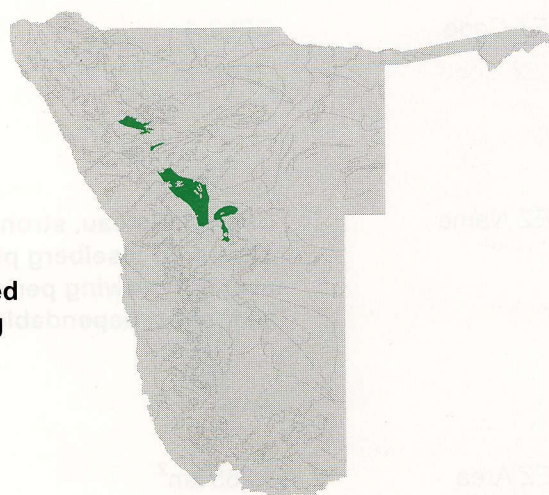
CPL3-6

AEZ Name

**Central Plateau, strongly dissected
inselberg plains, average growing
period 41-60 days**

AEZ Area

13 316 km²



Summary of Landform Information

Codes

Landform type	inselberg plain	[ii]
General altitude range	800 m - 1 700 m	
Regional slope range	8 - 15 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	granitic rocks, metamorphic rocks	
SOTER landform	dissected plains	[SP]
SOTER lithology	acid igneous	[IA]
	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information

Dominant Zone	6	Average growing period 48 days, no dependable growing period
Included Zone	5	Average growing period 58, dependable growing period 33 days (75% of the average)

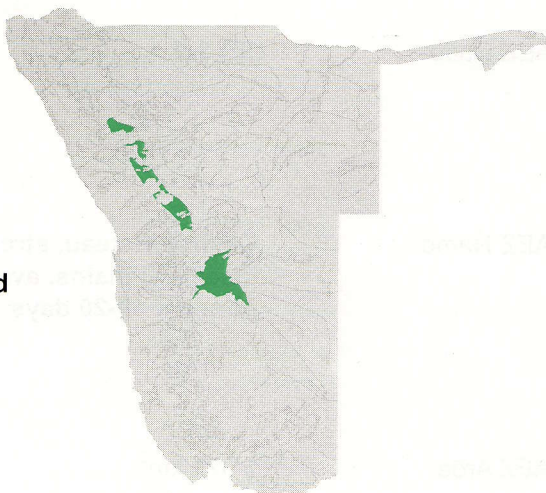
Summary of Soils Information - FAO Soils Units and Fertility Capability Classification

Dominant	60 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
Associated	30 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
Included	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking	6 th
Suitability	mixed large stock and sheep grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	CPL3-7	
AEZ Name	Central Plateau, strongly dissected inselberg plains, average growing period 21-40 days	
AEZ Area	17 786 km ²	

Summary of Landform Information		Codes
Landform type	inselberg plain	[li]
General altitude range	800 m - 1 700 m	
Regional slope range	8 - 15 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	granitic rocks, metamorphic rocks	
SOTER landform	dissected plains	[SP]
SOTER lithology	acid igneous	[IA]
	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information		
Dominant Zone	7	Average growing period 35 days, no dependable growing period
Associated Zone	8	Average growing period 25 days, no dependable growing period

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
Dominant	60 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
Associated	30 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
Included	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

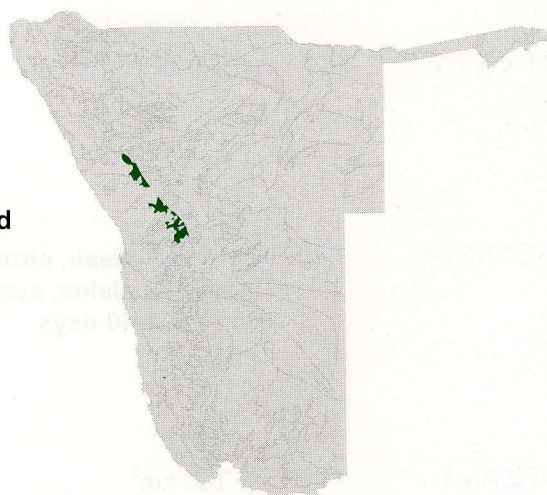
Agricultural Potential	
Ranking	7 th
Suitability	mixed large stock and sheep grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL3-9**

AEZ Name **Central Plateau, strongly dissected inselberg plains, average growing period < 10-20 days**

AEZ Area 5 371 km²



Summary of Landform Information

Codes

Landform type	inselberg	[li]
General altitude range	800 m - 1 700 m	
Regional slope range	8 - 15 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	granitic rocks, metamorphic rocks	
SOTER landform	dissected plains	[SP]
SOTER lithology	acid igneous	[IA]
	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information

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

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

Dominant	60 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
Associated	30 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
Included	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

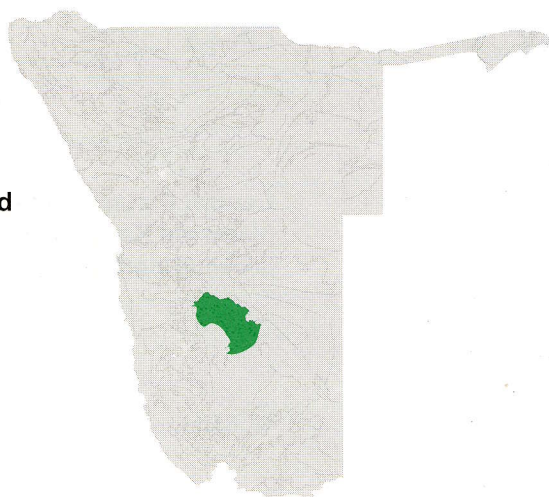
Ranking Suitability	9 th	sheep grazing only
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AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL4-8**

AEZ Name **Central Plateau, strongly dissected plains on Karoo rocks, average growing period 21-30 days**

AEZ Area 15 172 km²



Summary of Landform Information

Codes

Landform type	hills and footslopes	[hf]
General altitude range	700 m - 1 400 m	
Regional slope range	2 - 5 %	
Relative relief	< 10 m: very low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Nama sandstones and shales, some limestone	
SOTER landform	dissecting plains	[SP]
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 8 Average growing period 25 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 % Cambic Arenosols	sandy soils, low nutrient status moderately developed soils with strong brown or red colours, loamy topsoil
	10 % Chromic Cambisols	

Agricultural Potential

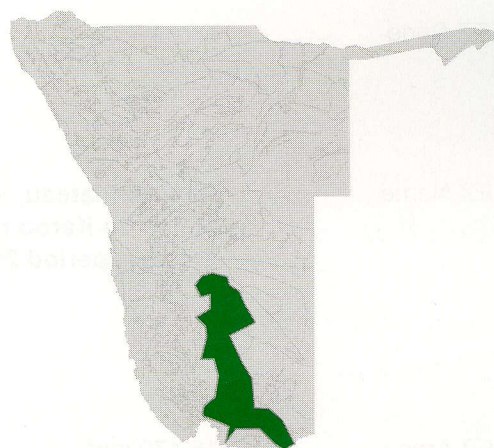
Ranking 8th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL4-9**

AEZ Name **Central Plateau, strongly dissected plains on Karoo, average growing period 11-20 days**

AEZ Area 45 614 km²



Summary of Landform Information

Codes

Landform type	hills and footslopes	[hf]
General altitude range	700 m - 1 400 m	
Regional slope range	2 - 5 %	
Relative relief	< 10 m: very low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Nama sandstones and shales, some limestone	
SOTER landform	dissected plains	[SP]
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

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 % Cambic Arenosols	sandy soils, low nutrient status moderately developed soils with strong brown or red colours, loamy topsoil
	10 % Chromic Cambisols	

Agricultural Potential

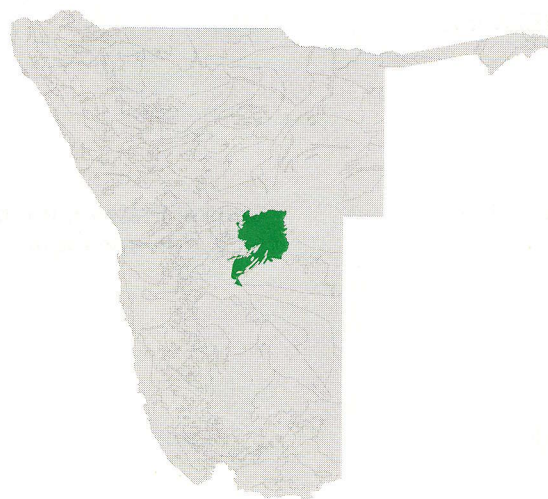
Ranking 9th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL5**

AEZ Name **Central Plateau, flat plains on metamorphic rocks**

AEZ Area 16 303 km²



Summary of Landform Information

Codes

Landform type	inselberg plain	[li]
General altitude range	1 350 m - 1 700 m	
Regional slope range	0 - 5 %	
Relative relief	< 10 m: very low relative relief	
Drainage pattern	no preferred orientation	
Geological substrata	Damara metamorphic rocks	
SOTER landform	plains	[LP]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	

Summary of Growing Period Information

Dominant Zone 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 % Cambic Arenosols	sandy soils, low nutrient status
Included	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking 6th
Suitability mixed large stock and sheep grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code

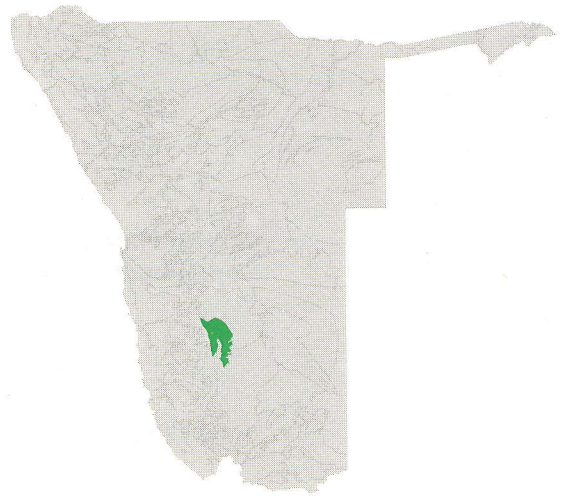
CPL6

AEZ Name

**Central Plateau, flat plains
on Karoo sedimentary rocks**

AEZ Area

5 791 km²



Summary of Landform Information

Codes

Landform type	plain	[I]
General altitude range	1 350 m - 1 700 m	
Regional slope range	0 - 2 %	
Relative relief	< 10 m: very low relative relief	
Drainage pattern	no preferred orientation	
Geological substrata	Karoo sandstones and shales	
SOTER landform	plains	[LP]
SOTER lithology	clastic sediments → sandstone, greywacke, arkose	[SC2]
	clastic sediments → shale	[SC4]

Summary of Growing Period Information

Dominant Zone 8 Average growing period 25 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 moderately developed soils with strong brown or red colours, loamy topsoil
	10 % Chromic Cambisols	

Agricultural Potential

Ranking 8th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL7**

AEZ Name **Central Plateau, flat plains
with dolerite outcrops and pans**

AEZ Area 12 398 km²



Summary of Landform Information

Codes

Landform type	plain	[I]
General altitude range	950 m - 1 050 m	
Regional slope range	0 - 2 %	
Relative relief	< 10m: very low relative relief	
Drainage pattern	no preferred orientation	
Geological substrata	Karoo dolerite intrusions, sandstones and shales	
SOTER landform	plains	[LP]
SOTER lithology	igneous basic → dolerite	[IB3]
	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

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

Dominant	45 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
	45 % Rock	
Included	10 % Solonchaks	undifferentiated saline soils (excess soluble salts), sandy to loamy topsoil

Agricultural Potential

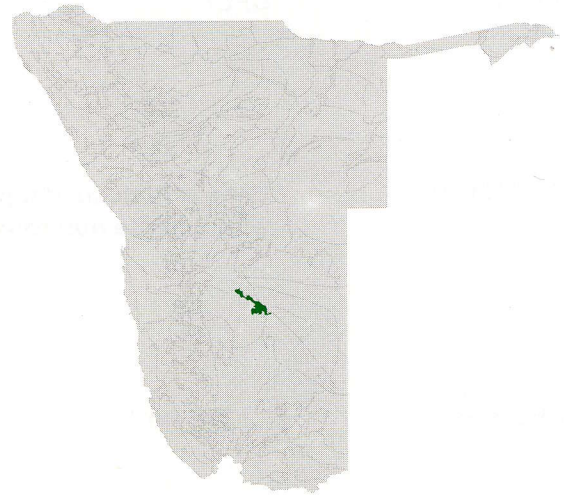
Ranking 9th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL8**

AEZ Name **Central Plateau, rolling hills of the Kalkrand**

AEZ Area 1 852 km²



Summary of Landform Information

Codes

Landform type	upland	[u]
General altitude range	1 250 m - 1 350 m	
Regional slope range	2 - 30 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Karoo basalt over sandstones, shales, limestones	
SOTER landform	plains	[LP]
SOTER lithology	igneous basic → basalt	[IB2]
	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

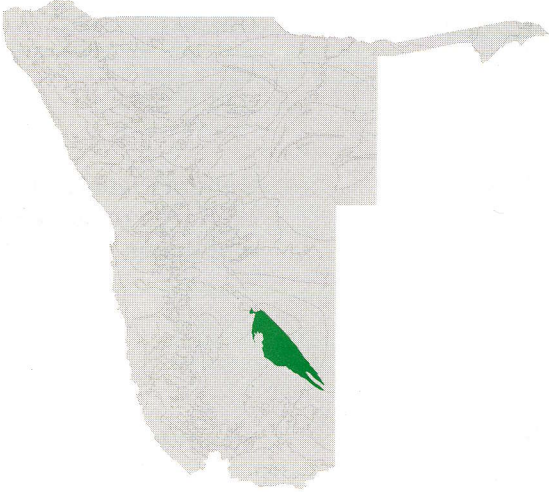
Summary of Soils Information - FAO Soils Units and Fertility Capability Classification

Dominant	45 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
	45% Rock	
Included	10 % Solonchaks	undifferentiated saline soils, sandy to loamy topsoil

Agricultural Potential

Ranking 9th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	CPL9	
AEZ Name	Central Plateau, flat plains of the Kalkrand, with sand drift	
AEZ Area	13 622 km ²	

Summary of Landform Information		Codes
Landform type	plain	[I]
General altitude range	1000 m - 1 200 m	
Regional slope range	2 - 5 %	
Relative relief	< 10 m: very low relative relief	
Drainage pattern	no preferred orientation	
Geological substrata	Karoo shale, sandstone, mudstone, Kalahari sand drift	
SOTER landform	plains	[LP]
SOTER lithology	clastic sediments → sandstone, greywacke, arkose	[SC2]
	clastic sediments → shale	[SC4]
	clastic sediments → siltstone, mudstone, claystone	[SC3]
	unconsolidated eolian	[UE]

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

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
Dominant	35 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
	35 % Rock	
Associated	20 % Ferralic Arenosols	sandy soils, poor capacity to retain nutrients, slightly acidic
Included	10 % Solonchaks	undifferentiated saline soils, sandy to loamy topsoil

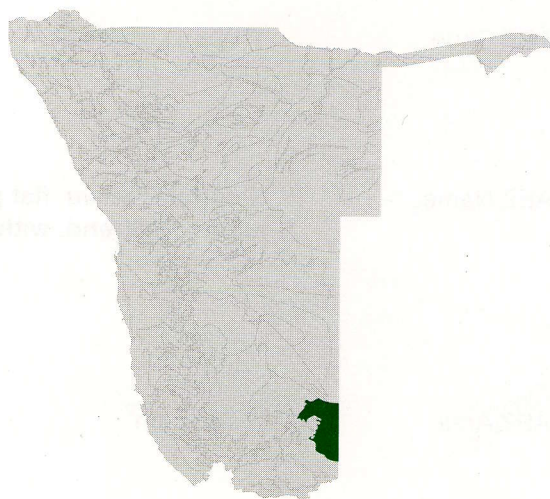
Agricultural Potential	
Ranking	9 th
Suitability	sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL10**

AEZ Name **Central Plateau, flat plains on Karoo rocks, with pans and dunes**

AEZ Area 10 461 km²



Summary of Landform Information

Codes

Landform type	plain	[I]
General altitude range	800 m - 1 050 m	
Regional slope range	0 - 2 %	
Relative relief	< 10 m: very low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Karoo clastic rocks, limestone, Kalahari sand drift	
SOTER landform	plains	[LP]
SOTER lithology	clastic sediments → sandstone, greywacke, arkose	[SC2]
	clastic sediment s → shale	[SC4]
	organic sediments → limestone, other carbonate rocks	[SO1]
	unconsolidated eolian	[EU]

Summary of Growing Period Information

Dominant Zone 8 Average growing period 25 days, no dependable growing period

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

Dominant	30 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
	25 % Rock	
Associated	15 % Ferralic Arenosols	sandy soils, poor capacity to retain nutrients, slightly acidic undifferentiated saline soils, sandy to loamy topsoil undifferentiated sodic soils (presence of excess sodium),
	15 % Solonchaks	
	15 % Solonetz	

Agricultural Potential

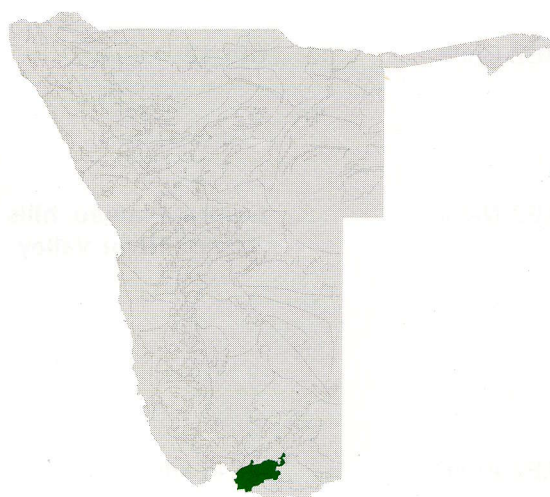
Ranking 8th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL11**

AEZ Name **Central Plateau, hill-footslope associations on Karoo rocks**

AEZ Area 6 573 km²



Summary of Landform Information

Codes

Landform type	hills and footslopes	[hf]
General altitude range	250 m - 1 000 m	
Regional slope range	2 - 5 %	
Relative relief	100 - 300 m: high relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Karoo dolerite, shale, limestone, siltstone, sandstone	
SOTER landform	medium-gradient hills	[SH]
SOTER lithology	igneous basic → dolerite	[IB3]
	clastic sediments → sandstone, greywacke, arkose	[SC2]
	clastic sediments → shale	[SC4]
	clastic sediments → siltstone, mudstone, claystone	[SC3]
	organic sediments → limestone, other carbonate rocks	[SO1]

Summary of Growing Period Information

Dominant 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 shallow soils, loamy topsoil, fair to good nutrient status
50 % Rock

Agricultural Potential

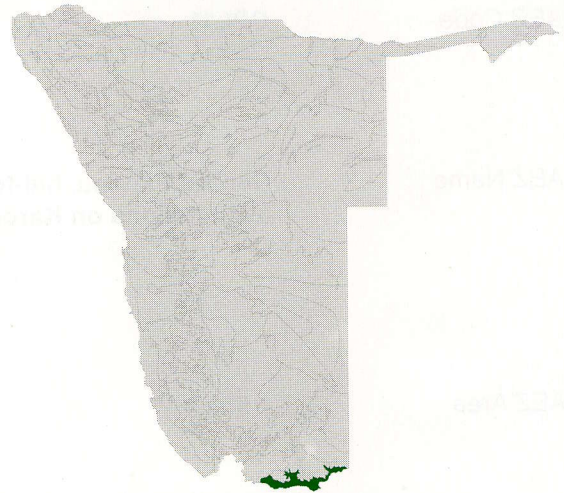
Ranking 10th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL12**

AEZ Name **Central Plateau, hills of the Orange River Valley**

AEZ Area 4 945 km²



Summary of Landform Information

Codes

Landform type	hills	[h]
General altitude range	300 m - 1 000 m	
Regional slope range	15 - 60 %	
Relative relief	100 - 300 m: high relative relief	
Drainage pattern	strongly oriented, parallel	
Geological substrata	Mokolian metamorphic rocks	
SOTER landform	high-gradient hills	[TH]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information

Dominant Zone 10 Average growing period 8 days, no dependable growing period

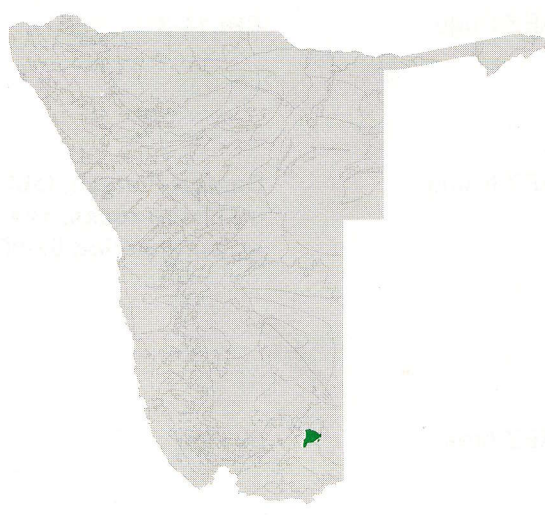
Summary of Soils Information - FAO Soils Units and Fertility Capability Classification

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

Agricultural Potential

Ranking 10th
Suitability sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	CPL13	
AEZ Name	Central Plateau, strongly dissected tablelands on Karoo rocks	
AEZ Area	1 338 km ²	

Summary of Landform Information	Codes
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Landform type	hills and footslopes	[hf]
General altitude range	1 000 m - 1 500 m	
Regional slope range	15 - 30 %	
Relative relief	100 - 300 m: high relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Karoo sandstones and shales	
SOTER landform	high-gradient hill	[TH]
SOTER lithology	clastic sediments → sandstone, greywacke, arkose	[SC2]
	clastic sediments → shale	[SC4]

Summary of Growing Period Information		
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Dominant Zone	9	Average growing period 15 days, no dependable growing period
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Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
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Dominant	50 % Eutric Leptosols	shallow soils, loamy topsoil, fair to good nutrient status
	50 % Rock	

Agricultural Potential	
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Ranking	9 th
Suitability	sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code

CPL14-3

AEZ Name

**Central Plateau, table mountains
on Karoo rocks, average
growing period 61-90 days**

AEZ Area

693 km²



Summary of Landform Information

Codes

Landform type	mountain	[m]
General altitude range	1 200 m - 1 800 m	
Regional slope range	0 - 2 %	
Relative relief	> 300 m: very high relative relief	
Drainage pattern	no preferred orientation	
Geological substrata	Karoo sandstones, shales, limestone	
SOTER landform	narrow plateau	[CL]
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	3	Average growing period 83 days, dependable growing period 52days (60 % of average)
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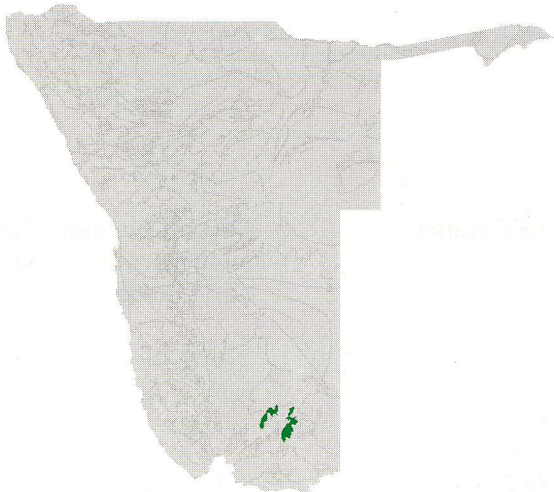
Summary of Soils Information - FAO Soils Units and Fertility Capability Classification

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

Agricultural Potential

Ranking	3 rd
Suitability	large stock grazing
Cropping Potential	Unsuitable for crop production due to low dependable growing period combined with shallow soils

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	CPL14-9	
AEZ Name	Central Plateau, table mountains on Karoo rocks, average growing period 11-20 days	
AEZ Area	2 874 km ²	

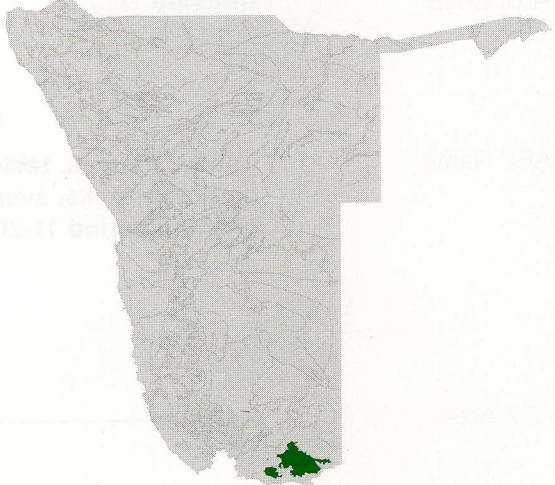
Summary of Landform Information		Codes
Landform type	mountain	[m]
General altitude range	1 200 m - 1 800 m	
Regional slope range	0 - 2 %	
Relative relief	> 300 m: very high relative relief	
Drainage pattern	no preferred orientation	
Geological substrata	Karoo sandstones, shales, limestone	
SOTER landform	narrow plateau	[CL]
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

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

Agricultural Potential	
Ranking	9 th
Suitability	sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	CPL15	
AEZ Name	Central Plateau, plains on metamorphic rocks, with dune fields	
AEZ Area	6 995 km ²	

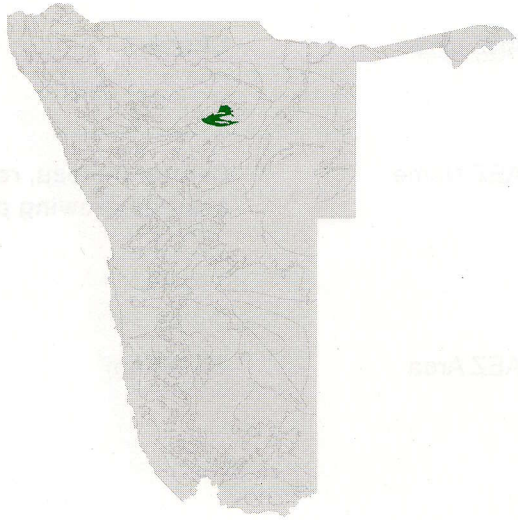
Summary of Landform Information		Codes
Landform type	plain	[1]
General altitude range	800 m - 1 000 m	
Regional slope range	2 - 5 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata		
SOTER landform	not applicable	
SOTER lithology	not applicable	

Summary of Growing Period Information		
Dominant Zone	9	Average growing period 15 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	
Associated	20 % Ferralic Arenosols	sandy soils, poor capacity to retain nutrients, slightly acidic

Agricultural Potential	
Ranking	9 th
Suitability	sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	CPL16-2	
AEZ Name	Central Plateau, red Kalkveld, average growing period 91-120 days	
AEZ Area	2 748 km ²	

Summary of Landform Information	Codes
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Landform type	plain	[I]
General altitude range	1 000 m - 1 500 m	
Regional slope range	2 - 5 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Damara metamorphic rocks, calcrete	
SOTER landform	not applicable	
SOTER lithology	not applicable	

Summary of Growing Period Information		
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Dominant Zone	2	Average growing period 105 days, dependable growing period 86 days (80 % of average)
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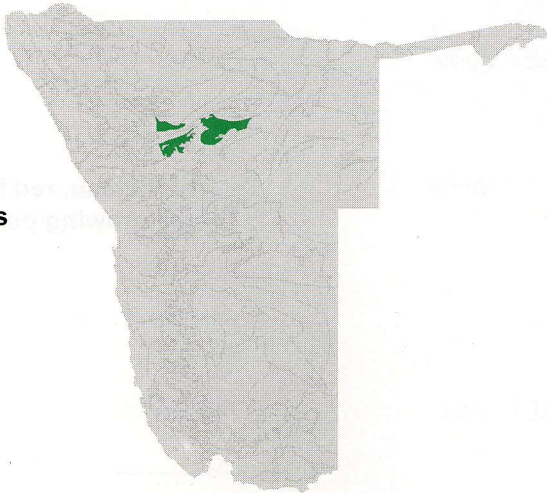
Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
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Dominant	25 % Luvisc Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	25 % Cambic Arenosols	sandy soils, low nutrient status
Associated	20 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
	20 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes
Included	5 % Gleyic Solonetz	sodic soils with poor drainage, evidence of periodic waterlogging
	5 % Eutric Vertisols	dark cracking clays (> 35 % clay) with deficient drainage, good nutrient status

Agricultural Potential	
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Ranking	2 nd
Suitability	short-maturing crops; large stock grazing
Cropping potential	Mainly sandy and loamy soils, often shallow; usually underlain by calcrete. Dependable growing period can be adequate for crop growing, provided soils are deep and have a good moisture retention capacity.

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	CPL16-3	
AEZ Name	Central Plateau, red Kalkveld, average growing period 61-90 days	
AEZ Area	10 146 km ²	

Summary of Landform Information		Codes
Landform type	plain	[1]
General altitude range	1 000 m - 1 500 m	
Regional slope range	2 - 5 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Damara metamorphic rocks, calcrete	
SOTER landform	not applicable	
SOTER lithology	not applicable	

Summary of Growing Period Information		
Dominant Zone	3	Average growing period 83 days, dependable growing period 52days (60 % of average)
Associated Zone	4	Average growing period 63, dependable growing period 6 days; very short dependable growing period

Summary of Soils Information - FAO Soils Units and Fertility Capability Classification		
Dominant	25 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	25 % Cambic Arenosols	sandy soils, low nutrient status
Associated	20 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
	20 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes
Included	5 % Gleyic Solonetz	sodic soils with poor drainage, evidence of periodic waterlogging
	5 % Eutric Vertisols	dark cracking clays (> 35 % clay) with deficient drainage, good nutrient status

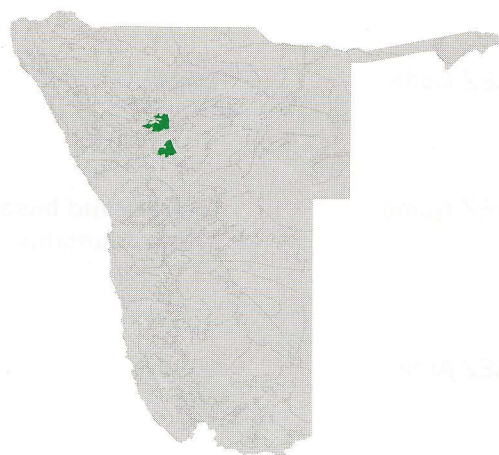
Agricultural Potential	
Ranking	3 rd
Suitability	large stock grazing
Cropping potential	Unsuitable for crop production due to low dependable growing period, combined with shallow soils.

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code **CPL16-6**

AEZ Name **Central Plateau, red Kalkveld,
average growing period 31-60 days**

AEZ Area 3 815 km²



Summary of Landform Information

Codes

Landform type	plain	[1]
General altitude range	1 000 m - 1 500 m	
Regional slope range	2 - 5 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	Damara metamorphic rocks, calcrete	
SOTER landform	not applicable	
SOTER lithology	not applicable	

Summary of Growing Period Information

Dominant Zone	6	Average growing period 48 days, no dependable growing period
Associated Zone	7	Average growing period 35 days, no dependable growing period

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

Dominant	25 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	25 % Cambic Arenosols	sandy soils, low nutrient status
Associated	20 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
	20 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes
Included	5 % Gleyic Solonetz	sodic soils with poor drainage, evidence of periodic waterlogging
	5 % Eutric Vertisols	dark cracking clays (> 35 % clay) with deficient drainage, good nutrient status

Agricultural Potential

Ranking	6 th
Suitability	mixed large stock and sheep grazing