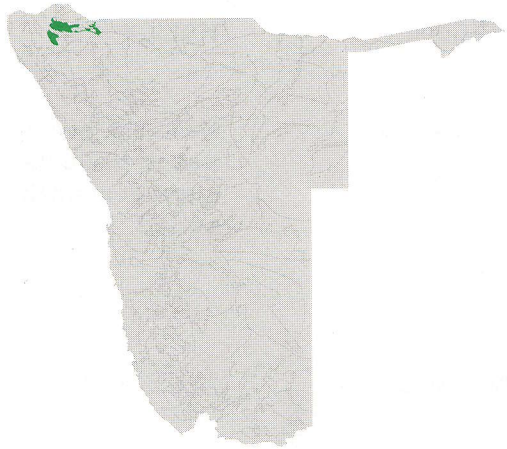
AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	**KOA1**
AEZ Name	**Kaokoland, high plateaux**
AEZ Area	3 762 km^2



Summary of Landform Information		**Codes**
Landform type	plateau	[t]
General altitude range	1 200 m - 1 450 m	
Regional slope range	2 - 5 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	gneiss, granites, dolomite, limestone, chert	
SOTER landform	plateaux	[LL]
SOTER lithology	acid metamorphic → gneiss, migmatite	[MA2]
	acid igenous → granite	[IA1]
	organic sedimentary → limestone, other carbonate rocks	[SO1]
	acid metamorphic → quartzite	[MA1]

Summary of Growing Period Information

Dominant Zone	8	Average growing period 25 days, no dependable growing period
Associated Zone	9	Average growing period 15 days, no dependable growing period
	4	Average growing period 63, dependable growing period 6 days; very short dependable growing period
Included Zones	10	Average growing period 8 days, no dependable growing period
	7	Average growing period 35 days, no dependable growing period
	6	Average growing period 48 days, no dependable growing period

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

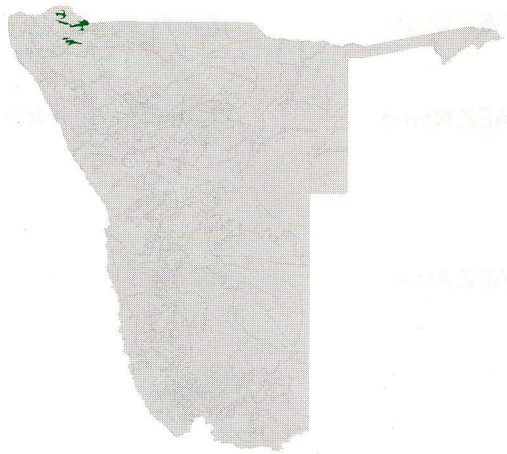
Dominant	80% Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material
Included	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
	10% Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status

Agricultural Potential

Ranking	8th
Suitability	sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	**KAO2**
AEZ Name	**Kaokoland, pediment plains**
AEZ Area	2 012 km^2



Summary of Landform Information		**Codes**
Landform type	pediment	[e]
General altitude range	800 m - 1100 m	
Regional slope range	2 - 5%	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	acid metamorphic rocks and granites	
SOTER landform	plateaux	[LL]
SOTER lithology	acid metamorphic	[MA]
	acid igneous → granite	[IAI]

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

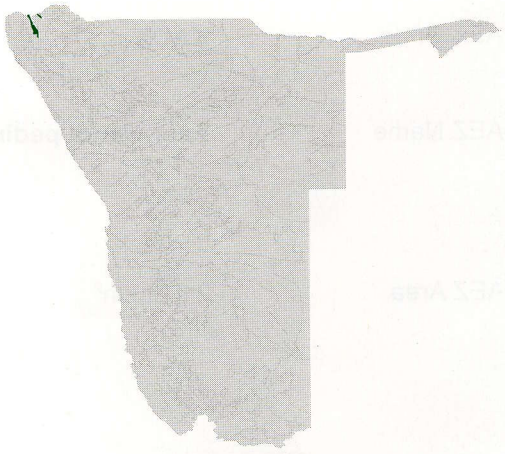
Dominant	60 % Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material
Associated	30 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
Included	10 % Luvic Calcisols	soils with loamy topsoil, high lime concentrations and clay enrichment in the subsoil

Agricultural Potential

Ranking	7th
Suitability	mixed large stock and sheep grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	**KAO3**
AEZ Name	**Kaokoland, intermontane low plains**
AEZ Area	827 km^2



Summary of Landform Information		**Codes**
Landform type	valley	[v]
General altitude range	300 m - 750 m	
Regional slope range	2 - 5 %	
Relative relief	10 - 30 m: low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	acid metamorphic rocks	
SOTER landform	valleys	[CV]
SOTER lithology	acid metamorphic	[MA]

Summary of Growing Period Information

Dominant Zone	10	Average growing period 8 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

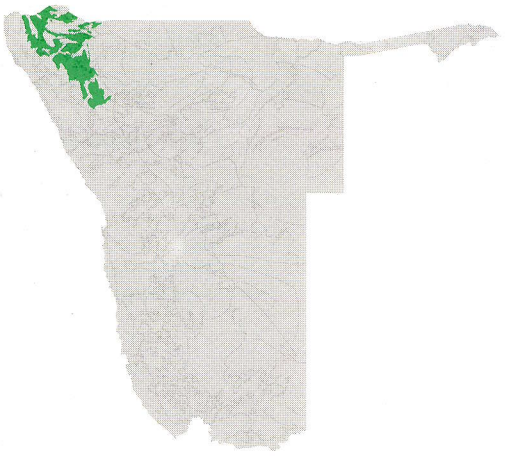
Dominant	50 % Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material
Associated	30 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
Included	10 % Luvic Calcisols	soils with loamy topsoil, high lime concentrations and clay enrichment in the subsoil
	10 % Petric Calcisols	sandy to loamy topsoil, high lime concentrations in indurated form in subsoil, associated with very dry moisture regimes

Agricultural Potential

Ranking	10th
Suitability	sheep grazing only

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	KAO4
AEZ Name	**Kaokoland, mountains and hills**
AEZ Area	26 217 km^2



Summary of Landform Information		**Codes**
Landform type	mountains	[m]
General altitude range	900 m - 2 000 m	
Regional slope range	30 - >60 %	
Relative relief	>300 m: very high relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic rocks, dolomite, limestone, shale	
SOTER landform	medium-gradient mountains	[SM]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	MB]
	organic sediments → imestone, other carbonate rocks	[SO1]
	clastic sediments → shale	[SC4]

Summary of Growing Period Information

Dominant Zone	6	Average growing period 48 days, no dependable growing period
Associated Zone	10	Average growing period 8 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
	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

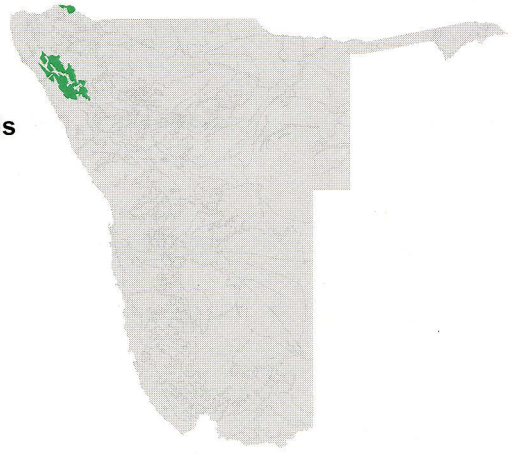
Dominant	80 % Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material
Included	10 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	10 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking	6th
Suitability	mixed livestock and sheep grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	**KAO5**
AEZ Name	**Kaokoland, strongly dissected foothills**
AEZ Area	9 645 km^2



Summary of Landform Information		**Codes**
Landform type	hills and footslopes	[hf]
General altitude range	600 m - 1 200 m	
Regional slope range	15 - 60 %	
Relative relief	100 - 300 m: high relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic rocks	
SOTER landform	high-gradient hills	[TH]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	[MB]

Summary of Growing Period Information

Dominant Zone	11	No growing period
Associated Zone	10	Average growing period 8 days, no dependable growing period
Included Zone	7	Average growing period 35 days, no dependable growing period

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

Dominant	60 % Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material
Associated	20 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	20 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil

Agricultural Potential

Ranking	11th
Suitability	unsuitable for grazing

AGRO-ECOLOGICAL ZONE DESCRIPTION

AEZ Code	**KAO6**
AEZ Name	**Kaokoland, intermontane narrow valleys**
AEZ Area	2 558 km^2

Summary of Landform Information		**Codes**
Landform type	valley	[v]
General altitude range	500 m - 900 m	
Regional slope range	2 - 5%	
Relative relief	<10 m: very low relative relief	
Drainage pattern	weakly oriented	
Geological substrata	metamorphic rocks, recent colluvium / alluvium	
SOTER landform	valleys	[CV]
SOTER lithology	acid metamorphic	[MA]
	basic metamorphic	[MB]
	unconsolidated colluvial	[UC]
	unconsolidated fluvial	[UF]

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
	6	Average growing period 48 days, no dependable growing period
Included Zone	11	No growing period

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

Dominant	30 % Luvic Arenosols	sandy soils with clay-enriched subsoil, low nutrient status
	30 % Calcaric Fluvisols	calcareous alluvial soils, sandy to loamy topsoil, basic reaction
	30 % Chromic Cambisols	moderately developed soils with strong brown or red colours, loamy topsoil
Included	10 % Lithic Leptosols	very shallow soils, limited in depth by hard rock or cemented material

Agricultural Potential

Ranking	10th
Suitability	sheep grazing only