

LEGEND OF THE FAO SOIL MAP OF AFRICA

NO	MAP SYMBOL	ASSOCIATED SOILS	INCLUSIONS	PHASE	AREA KHA	CLIMATE	VEGETATION	LITHOLOGY
1	Bv14-2/3b	Vc	Ge	petrocyclic	2437	2.16, 4.22	4g thornbush savanna, 7b temperate dry short-grass steppe	Precambrian: quartzite, arkose, chert, limestone partly overlain with Kalahari sand, ironstone, chaledony. Quaternary lacustrine sediments
2	I-X-c			rock debris	8388	3.43, 3.26, 2.16, 3.51	4g thornbush savanna 8c tropical and subtropical semidesert low vegetation 9b desert with isolated bushes	Basement complex: granite, gneiss, schist, phyllite. Basic and ultrabasic intrusive rocks: diorite, gabbro, peridotite. Precambrian: dolomitic schist, quartzite. Palaeozoic: quartzite, limestone
3	Je38-1/2e		Ge		9	4.22	4e dry savanna	Recent alluvial deposits
4	Je39-2a	Xh We	G Vp		129	4.22	4e dry savanna	Recent alluvial deposits
5	Je49-2/3a	Be Ge	W O Bk		118	4.342	4d inundated savanna 4e dry savanna	Quaternary alluvial deposits
6	Je60	G	V Lc		241	4.342	4h reed swamps	Recent alluvial deposits
7	L174-1a	Q	X Bc Bk		79	4.22	2d small-leaved rain-green dry forest with umbrella trees	Kalahari: sand, ironstone, chaledony; Quaternary: lacustrine sediments
8	Qa6-1a	Ql	Qc Jc		182	4.22	4e dry savanna	Kalahari: sand, ironstone, chaledony
9	Qa7-1a	So	Zo		235	3.43, 3.45	8b very open shrubby succulents	Quaternary alluvial and coastal deposits
10	Qc10-1a	I	Fo		327	3.26	4g thornbush savanna	Kalahari: sand, ironstone, chaledony; Quaternary: lacustrine sediments
11	Qc26-1a	Ge			221	2.16, 4.22	2d small-leaved rain-green dry forest with umbrella trees	Kalahari: sand, ironstone, chaledony, greenstone, granite outcrops. Quaternary: lacustrine sediments
12	Qc29-1a	Ge P	V Sg		1371	4.342, 4.22	4e dry savanna	Kalahari: sand, ironstone, chaledony; Quaternary: lacustrine sediments
13	Qc38-1a	Qa Xk	Z V R		24 610	3.26, 2.16, 4.22	7b temperate dry short-grass steppe 4g thornbush savanna, 8a thorn-trees and succulents	Precambrian: quartzite, arkose, chert, limestone, conglomerate; Karoo: clayey schist, sandstone, shale, arkose
14	Ql9-1a	Lc	Je Vp I		5 315	3.26, 2.16	4g thornbush savanna	Quaternary coastal deposits; recent aeolian deposits
15	Re68-1ab		Zt	shifting sands	3 938	3.43, 3.44, 3.37	8b desert with isolated bushes	Kalahari: sand, ironstone, chaledony; Quaternary: lacustrine sediments
16	So13-1a		Qc Ql		1 751	4.22	7b temperate dry short-grass steppe	

NO	MAP SYMBOL	ASSOCIATED SOILS	INCLUSIONS	PHASE	AREA KHA	CLIMATE	VEGETATION	LITHOLOGY
17	Vp55-3bc	Bk Lc	I	petrocalcic	383	2.15	4g thornbush savanna	Precambrian: quartzite, arkose, chert, limestone and conglomerate, partly or completely overlain with Kalahari: sand, ironstone, chalcodony; Quaternary: lacustrine sediments
18	Xk24-2ab	Bk I	Lc Qc	stony	24 410	3.23, 3.26, 3.43	4g thornbush savanna, 8c tropical and subtropical semidesert low vegetation 9b desert with isolated bushes	Basement complex: granite, gneiss, schist, phyllite; Palaeozoic: dolomite, limestone, quartzite, shale; Karroo: clayey schist and tillite with Kalahari sand, ironstone, chalcodony
19	Yq2-1e	Yk			6 622	3.43, 3.44, 3.38	9b desert with isolated bushes	Precambrian: limestone and dolomite; Karroo: rhyolite and quartz porphyries
20	Yq9-1e		Yk Yh Zt	petrogypsic	889	3.38	9b desert with isolated bushes	Quaternary alluvial and aeolian deposits
21	Zq12-1/2a	Zo	Qa		562	4.22	8e halophyte semidesert	Kalahari: sand, ironstone, chalcodony; Quaternary: lacustrine sediments

- Bv14-2/3b Vertic Cambisols,
medium to fine textured,
associated with Chromic Vertisols
Eutric Gleysol inclusions,
8-30% slope, rolling to hilly
- I-X-c Lithosols, Xerosols,
>30% slope, strongly dissected to mountainous
- Je38-1/2a Eutric Fluvisols,
coarse to medium textured,
associated with Eutric Gleysol inclusions,
0-8% slope, level to gently undulating
- Je39-2a Eutric Fluvisols,
medium textured,
associated with Haplic Xerosols and Eutric Planosols,
Gleysol and Pellic Vertisol inclusions,
0-8% slope, level to gently undulating
- Je49-2/3a Eutric Fluvisols,
medium to fine textured,
associated with Eutric Cambisols and Eutric Gleysols,
Planosol, Histosol and Calcic Cambisol inclusions,
0-8% slope, level to gently undulating
- Je60 Eutric Fluvisols,
associated with Gleysols,
Vertisol and Chromic Luvisol inclusions
- Lf74-1a Ferric Luvisols,
coarse textured,
associated with Arenosols,
Xerosol, Eutric Cambisol and Calcic Cambisol
inclusions,
0-8% slope, level to gently undulating
- Qa6-1a Albic Arenosols,
coarse textured,
associated with Luvic Arenosols,
Cambic Arenosol and Calcic Fluvisol inclusions,
0-8% slope, level to gently undulating
- Qa7-1a Albic Arenosols,
coarse textured,
associated with Orthic Solonetz,
Orthic Solonchak inclusions,
0-8% slope, level to gently undulating
- Qc10-1a Cambic Arenosols,
coarse textured,
associated with Lithosols,
0-8% slope, level to gently undulating
- Qc26-1a Cambic Arenosols,
coarse textured,
associated with Eutric Gleysols,
Orthic Ferralsol inclusions,

- 0-8% slope, level to gently undulating
- Qc29-1a Cambic Arenosols,
coarse textured,
associated with Eutric Gleysols and Podzols,
Vertisol and Gleyic Solonetz inclusions,
0-8% slope, level to gently undulating
- Qc38-1a Cambic Arenosols,
coarse textured,
associated with Albic Arenosols and Calcic Xerosols,
Solonchak, Vertisol and Regosol inclusions,
0-8% slope, level to gently undulating
- Ql9-1a Luvic Arenosols,
coarse textured,
associated with Chromic Luvisols,
Eutric Fluvisol, Pellic Vertisol and Lithosol
inclusions,
0-8% slope, level to gently undulating
- Re68-1ab Eutric Regosols,
coarse textured,
Takyric Solonchak inclusions,
0-30% slope, level to hilly
- So13-1a Orthic Solonetz,
coarse textured,
associated with Cambic Arenosol and Luvic Arenosol
inclusions,
0-8% slope, level to gently undulating
- Vp55-3bc Pellic Vertisols,
medium to fine textured,
associated with Calcic Cambisols and Chromic Luvisols,
Lithosol inclusions,
8->30% slope, rolling to mountainous
- Xk24-2ab Calcic Xerosols,
medium textured,
associated with Calcic Cambisols and Lithosols,
Chromic Luvisol and Cambic Arenosol inclusions,
0-30% slope, level to hilly
- Yy2-1a Gypsic Yermosols,
coarse textured,
associated with Calcic Yermosols,
0-8% slope, level to gently undulating
- Yy8-1a Gypsic Yermosols,
coarse textured,
associated with Calcic Yermosol, Haplic Yermosol and
Takyric Solonchak inclusions,
0-8% slope, level to gently undulating
- Zg12-1/2a Gleyic Solonchaks,
coarse to medium textured,
associated with Orthic Solonchaks,

Albic Arenosol inclusions,
0-8% slope, level to gently undulating