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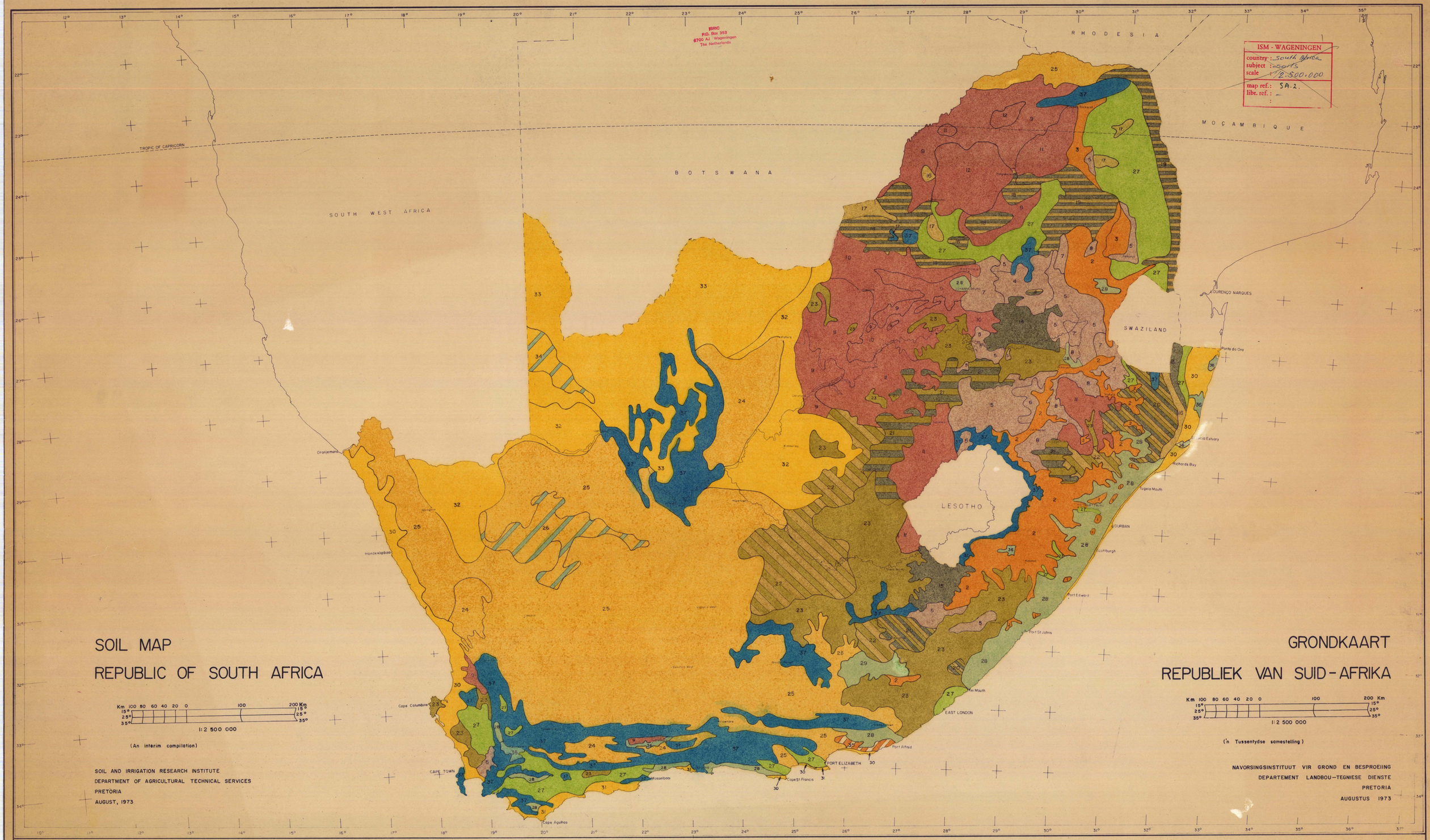

SOIL MAP
REPUBLIC OF SOUTH AFRICA

GRONDKAART
REPUBLIEK VAN SUID-AFRIKA

LEGEND

LATOSOLS (FREELY DRAINED)

- 1 Humic red and yellow
- 2 Non-humic red and yellow with varying amounts of rock and lithosols
- 3 Non-humic red with varying amounts of rock and lithosols

RED-YELLOW-GREY LATOSOL PLINTHIC CATENA

- 4 Acid, sands/loams, red dominant
- 5 Acid, sands/loams, yellow/grey dominant
- 6 As for 5, but with much rocky land
- 7 Acid, clays, red dominant
- 8 Acid, clays, yellow/grey dominant
- 9 Neutral, sands/loams, red dominant
- 10 As for 9, but with much rocky land
- 11 Neutral, sands/loams, yellow/grey, dominant
- 12 As for 11, but with much rocky land
- 13 Neutral, clays, red dominant

BLACK MONTMORILLONITIC CLAYS, RED CLAYS, SOLONETZIC SOILS

- 14 Black clays
- 15 As for 14, but with much rocky land
- 16 Red clays, usually with montmorillonite
- 17 As for 16, but with much rocky land
- 18 Black and red clays
- 19 As for 18, but with much rocky land
- 20 Black and red clays and solonetzic soils
- 21 Black clays and solonetzic soils
- 22 Red clays and solonetzic soils
- 23 Solonetzic soils

WEAKLY DEVELOPED SOILS ON ROCK (e.g. A-B illuvial – C/R profiles)

- 24 With lime in upland and bottomland sites
- 25 As for 24, but with much rocky land
- 26 As for 25, but with many flood basins
- 27 Lime common in bottomland sites, but absent in upland sites
- 28 Lime rare or absent
- 29 As for 28, but with much rocky land

SANDS

- 30 Littoral and near-littoral (most commonly grey)
- 31 As for 30, but with lithosols
- 32 Continental red or brown non-shifting sands with varying amounts of rock and lithosols
- 33 Continental red or brown shifting sands
- 34 As for 33, but with many flood basins

RED POROUS SOILS AND LITHOSOLS ON LIMESTONE

- 35 Undifferentiated

SWAMPS AND ALLUVIAL PLAINS

- 36 Undifferentiated

ROCK AND LITHOSOLS

- 37 Undifferentiated

PODSOLS

These are found at certain sites on sandy materials (littoral sands, Table Mountain sandstone) under a mean annual rainfall of more than 350 mm, along the south and south western coast areas west of Long. 24° 40' and south of Lat. 33° 20'.

VERKLARING

LATOSOLS (GOED GEDREINEER)

- 1 Humiese rooi en geel
- 2 Nie-humiese rooi en geel met wisselende hoeveelhede rots en litosols
- 3 Nie-humiese rooi met wisselende hoeveelhede rots en litosols

ROOI-GEEL-GRYS LATOSOL PLINTIESE KATENA

- 4 Suur, sand/leem, rooi dominant
- 5 Suur, sand/leem, geel/grys dominant
- 6 Soos vir 5, maar met baie rotsagtige land
- 7 Suur, klei, rooi dominant
- 8 Suur, klei, geel/grys dominant
- 9 Neutraal, sand/leem, rooi dominant
- 10 Soos vir 9, maar met baie rotsagtige land
- 11 Neutraal, sand/leem, geel/grys dominant
- 12 Soos vir 11, maar met baie rotsagtige land
- 13 Neutraal, klei, rooi dominant

SWART MONTMORILLONITIESE KLEI, ROOI KLEI, SOLONETSIESE GRONDE

- 14 Swart klei
- 15 Soos vir 14, maar met baie rotsagtige land
- 16 Rooi klei, gewoonlik met montmorilloniet
- 17 Soos vir 16, maar met baie rotsagtige land
- 18 Swart en rooi klei
- 19 Soos vir 18, maar met baie rotsagtige land
- 20 Swart en rooi klei en solonetsiese gronde
- 21 Swart klei en solonetsiese gronde
- 22 Rooi klei en solonetsiese gronde
- 23 Solonetsiese gronde

SWAK ONTWIKKELDE GRONDE OP ROTS (b.v. A-B illuviaal – C/R profiele)

- 24 Met kalk in hoogliggende en laagliggende posisies
- 25 Soos vir 24, maar met baie rotsagtige land
- 26 Soos vir 25, maar met baie vloedvlaktes
- 27 Kalk algemeen in laagliggende posisies, maar afwesig in hoogliggende posisies
- 28 Kalk min of afwesig
- 29 Soos vir 28, maar met baie rotsagtige land

SANDE

- 30 Littorale en naby-littorale (mees algemeen grys)
- 31 Soos vir 30, maar met litosols
- 32 Kontinentale rooi en bruin nie-swerfsande met wisselende hoeveelhede rots en litosols
- 33 Kontinentale rooi en bruin swerfsande
- 34 Soos vir 33, maar met baie vloedvlaktes

ROOI POREUSE GRONDE EN LITOSOLS OP KALKSTEEN

- 35 Ongedifferensieer

MOERASSE EN ALLUV'ALE VLAKTES

- 36 Ongedifferensieer

ROTS EN LITOSOLS

- 37 Ongedifferensieer

PODSOLS

Hulle word aangetref in sekere posisies op sanderige materiaal (littorale sande, Tafelbergsandsteen) met 'n gemiddelde jaarlikse reënval van meer as 350 mm, langs die suid en suidwes kusgebiede, wes van lengtegraad 24° 40' en suid van breedtegraad 33° 20'.

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