Land Resource Study

23 Soils of the Western State Savanna in Nigeria Volume 3 Atlas of sample blocks mapped during the survey

Land Resources Division, Ministry of Overseas Development

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Soils of the Western State Savanna in Nigeria

Volume 3

Atlas of sample blocks mapped during the survey

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Land Resources Division

Soils of the Western State Savanna in Nigeria

Volume 3

Atlas of sample blocks mapped during the survey

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Land Resource Study 23

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THE LAND RESOURCES DIVISION

The Land Resources Division of the Ministry of Overseas Development assists developing countries in mapping, investigating and assessing land resources, and makes recommendations on the use of these resources for the development of agriculture, livestock husbandry and forestry; it also gives advice on related subjects to overseas governments and organisations, makes scientific personnel available for appointment abroad and provides lectures and training courses in the basic techniques of resource appraisal.

The Division works in close co-operation with government departments, research institutes, universities and international organisations concerned with land resources assessment and development planning.

LIST OF VOLUMES

Title:	Soils of the Western State Savanna in Nigeria; G Murdoch, J Ojo-Atere, G Colborne, E I Olomu and E M Odugbesan
Volume 1	The environment
Volume 2	Descriptions of Basement Complex soil series
Volume 3	Atlas of sample blocks mapped during the survey (text in English and French)

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078	11	272	16	458	20	596	24
118	11	286	5	472	20	612	28

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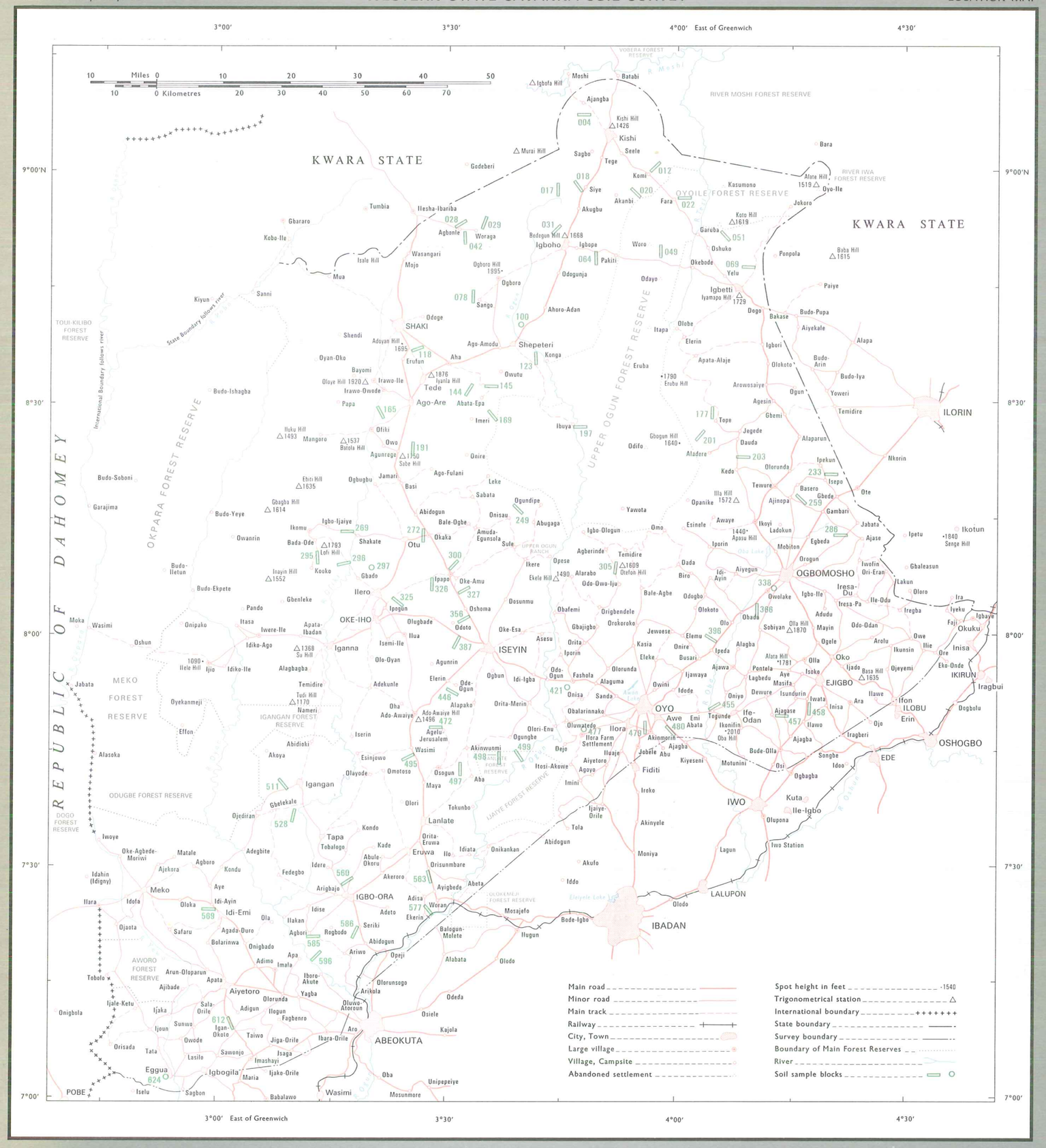
WESTERN STATE SAVANNA SOIL SURVEY

LOCATION MAP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IBADAN
ABEOKUTA
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IWO
EJIGBO
OSHOGBO
EDE
IKIRUN
Iragbui
Okuku
Inisa
Ikotun
Ipetu
Ilesha-Ibariba
Igboho
Kishi
Shaki
Shepeteri
Tede
Ago-Are
Igbetti
Igbo-Ora
Igangan
Lanlate
Tapa
Eruwa
Iseyin
Aiyetoro
Meko
Eggua
Wasimi
Lalupon
Ilorin
Ilesha
Ibadan
Abeokuta
Moshi
Batabi
Ajangba
Kishi Hill 1426
Igbofa Hill
Murai Hill
Godeberi
Sagbo
Tege
Seele
Siye
Akugbu
Komi
Akanbi
Fara
Kasumono
Alate Hill 1519
Oyo-Ile
Jokoro
Bara
Koto Hill 1619
Garuba
Oshuko
Okebode
Yelu
Ponpola
Baba Hill 1615
Paiye
Igbetti Hill 1729
Dogo
Bakase
Budo-Pupa
Aiyekale
Alapa
Igbori
Olokoto
Budo-Arin
Budo-Iya
Yoweri
Temidire
Nkorin
Ote
Gambari
Jabata
Ajase
Ipetu
Ikotun
Senge Hill
Gbaleasun
Lakun
Olaro
Ira
Iyeku
Igbaye
Faji
Ore
Eko-Onde
Iragbui
Dogbolu
Ifon
Erin
ILOBU
Ojo
Iragberi
Ajagba
Ilawo
Ajagase
Ife-Odan
Togunde
Ikonitin 2010
Oba Hill
Bode-Olla
Osi
Ogbagba
Songbe
Idoo
Kuta
Ile-Igbo
Olupona
Two Station
Lagun
Olodo
Bode-Igbo
Mosajefo
Ilugun
Alabata
Odeda
Osiele
Kajola
Oba
Unipepeiye
Mosunmore
Wasimi
Babalawo
Sagbon
Iselu
Igbogila
Ijake-Orile
Maria
Imashayi
Isaga
Jiga-Orile
Ibara-Orile
Aro
Oluwa-Atoroun
Arikola
Olorunsogo
Yagba
Olorunda
Adigun
Ilogun
Fagbenro
Sala-Orile
Ijaka
Ijoun
Sunwo
Igan-Okoto
Taiwo
Owode
Sawonjo
Lasilo
Tata
Orisada
Onigbola
Ijale-Ketu
Tobolo
Ajibade
Apata
Arun-Oloparun
Idahin (Idigny)
Ilara
Idofa
Oloka
Idi-Ayin
Idi-Emi
Ojaota
Safaru
Agada-Duro
Bolarinwa
Onigbado
Adimo
Imala
Apa
Iboro-Akute
Ariwo
Opeji
Abidogun
Seriki
Regbodo
Agbori
Ola
Ilakan
Idise
Adeto
Balogun-Molete
Adisa
Ekerin
Woran
Ayigbede
Abeta
Akeroro
Arigbajo
Idere
Fedegbo
Kondo
Kade
Abule-Okoru
Orisunmbare
Ilo
Idiata
Onikankan
Abidogun
Tola
Ijaiye-Orile
Akinyele
Moniya
Akufo
Iddo
Eleiyele Lake
Olokemeji Forest Reserve
Ijaiye Forest Reserve
Itosi-Akowe
Imini
Aba
Olori
Tokunbo
Maya
Osogun
Omotosa
Olayode
Esinjowo
Wasimi
Akinwunmi
Ogungbe
Dejo
Ilora Farm Settlement
Ilora
Olori-Enu
Oluwatedo
Ado-Awaiye
Ado-Awaiye Hill 1496
Agelu-Jerusalem
Alapako
Orita-Merin
Ogbun
Idi-Igba
Odo-Ogun
Fashola
Alaguma
Sanda
Onisa
Obalarinnako
Owini
Idode
Ijawaya
Ajawa
Oniyo
Ipeda
Alagba
Lagbedu
Pontela
Aye
Masifa
Dewure
Isundurin
Iwata
Inisa
Ara
Ilawe
Ojeyemi
Bata Hill 1635
Ijado
Isoko
Olla
Ogele
Oko
Owe
Ilie
Ikunsin
Arolu
Odo-Odan
Mayin
Aiyegun
Ilu-Odu
Iresa-Pa
Iresa-Du
Igbo-Ile
Adudu
Iregba
Olaro
Lakun
Ile-Odu
Owolake
Obada
Olla Hill 1870
Sobiyan
Alata Hill 1781
Olo
Onire
Busari
Eleke
Kasia
Jewoese
Elemu
Biro
Odogbo
Olokoto
Bale-Agbe
Idi-Ayin
Dada
Temidire
Dixon Hill 1609
Alarabo
Odo-Owo-Iju
Igbo-Ologun
Omo
Yawota
Agberinde
Opese
Ekele Hill 1490
Ikere
Dosunmu
Oke-Esa
Asesu
Orita
Iporin
Obafemi
Origbendele
Orokoroko
Gbajigbo
Olorunda
Alaguma

Part 1 Introduction

To supplement Volumes 1 and 2 of this Land Resource Study, the geographical raw data, upon which assessments of soil series areas and characteristics have been based, are here presented in Atlas format. Maps in colour at 1:20 000 scale of 64 sample blocks, randomly selected as described under the heading Procedure in Part 2 of Volume 1, show the soil series identified at 2 560 chiselholes, together with site information (altitude, land slope and land facet) for each chiselhole. A further six sample blocks are "synthetic" in the sense that soil series have been allotted them (40 soil profiles per synthetic block) in proportion to soil distribution known from previous surveys. These six blocks do not feature in the Atlas, but were included when calculating soil series and land facet areas. All 70 sample block sites are marked in green on the Location Map. Green rectangles depict the sites visited and surveyed in 1970-2 and green circles indicate the synthetic blocks.

The Atlas is intended to serve four main purposes:

1. To enable the common soil series and soil patterns to be appreciated by agriculturalists, rural land use planners and others concerned with development in the Western State Savanna

2. To indicate spatial inter-relationships among the series, especially catenary suites of soils from crests to bottomlands (toposequences), in different parts of the survey area

3. To reveal the relationships between soil series and the land facets identified by airphoto interpretation throughout the survey area and portrayed at 1:125 000 scale on Separate Maps 1-4 accompanying Volume 1 of this Land Resource Study

4. To constitute a "quarry" for future work, both pedological research at specially chosen sites and (sometimes in the same localities) studies of agronomy, sylviculture, farm economics and other subjects related to rural advancement

Grateful acknowledgement is made to those who helped in producing the Atlas, particularly to Mr M Akintomide, at that time (1970-3) Permanent Secretary of the Western State Ministry of Agriculture and Natural Resources, and Dr T I Ashaye, now Acting Director at the Ife University Institute of Agricultural Research and Training, and their colleagues for advice and suggestions, to the Federal Surveys office in Lagos, to the Directorate of Overseas Surveys at Tolworth and to the Land Resources Division Cartographic Unit.

Erratum on Location Map. Delete green circle numbered 297 and replace it by green circle 324 positioned 2 km west of Ilero town.

1ère partie Introduction

En vue de compléter les Volumes 1 et 2 de l'Etude des Ressources en Terres, les renseignements géographiques bruts, sur lesquels ont été basées l'évaluation des zones et les caractéristiques des séries de sols, sont présentés ici sous forme d'Atlas. Des cartes en couleur à l'échelle 1/20 000, de 64 "blocs échantillonnés" de territoires, choisis au hasard comme décrit sous le titre : "Procédure", dans la deuxième partie du Volume 1, indiquent les séries pédologiques identifiées sur 2 650 trous creusés à la sonde. Elles sont complétées, pour chaque trou, d'informations concernant l'emplacement (altitude, pente et faciès du terrain). Six autres blocs échantillonnés sont "synthétiques" en ce sens que les séries pédologiques y ont été définies (40 profils pédologiques par bloc synthétique) en proportion de la répartition des sols connue à la suite de prospections antérieures. Ces six blocs ne figurent pas dans l'Atlas, mais ils ont été pris en considération lors de la définition des séries pédologiques et des zones géomorphologiques. Les emplacements de 70 blocs échantillonnés sont tous marqués en vert sur la carte d'emplacement. Les rectangles verts représentent les emplacements visités et étudiés en 1970-2, et les cercles verts indiquent les blocs "synthétiques".

Le but de l'Atlas est de servir à 4 fins principales, c'est à dire :

1. Permettre aux agronomes, aux personnes établissant les plans pour l'utilisation des terres agricoles et à d'autres s'occupant de l'exploitation de la savane de l'Etat Occidental d'évaluer les séries types de sols et la répartition des sols

2. Indiquer les inter-relations des séries dans l'espace, spécialement les successions de sols des crêtes aux bas fonds (toposéquences) dans diverses parties de la région étudiée

3. Révéler les rapports entre les séries pédologiques et les unités morphologiques identifiés à l'aide de l'interprétation de photographies aériennes dans toute la zone de la prospection et représentés à l'échelle 1/125 000 sur les Cartes 1-4 accompagnant Volume 1 de la presente Etude de Ressources en Terres

4. Constituer une "mine" d'informations en vue de travaux futurs, tant pour la recherche pédologique à des emplacements spécialement choisis que (parfois aux mêmes endroits) pour des études d'agronomie, de sylviculture, d'économie agricole et d'autres sujets en rapport avec le progrés rural

Nous souhaitons exprimer notre reconnaissance envers tous ceux qui nous ont aidé à produire l'Atlas, en particulier M M Akintomide, Secrétaire Permanent au Ministère de l'Agriculture et des ressources naturelles de l'Etat Occidental, et le Dr T I Ashaye, à présent Directeur en exercice de l'institut de recherche et de formation agricoles à l'Université d'Ife, ainsi que leurs collègues, qui nous ont donné des conseils et des suggestions, le Bureau des Levés Topographiques à Lagos, la Direction des Levés Topographiques Outre-Mer à Tolworth et l'unité cartographique de la 'Land Resources Division'. Nous remercions aussi M R Fauck (ORSTOM, Paris) qui a revu et mis au point cette traduction en français.

Erratum sur la Carte D'emplacement. Le cercle vert numéroté 297 est à biffer et à remplacer par le cercle vert 324 situé à 2 km à l'Ouest de la ville d'Ilero.

Part 2 Basement Complex

EXPLANATORY NOTES

The central and eastern two-thirds of the survey area contain 62 sample blocks mapped here, pages 4-24. All of them overlie Basement Complex rocks. Every major soil found during the survey is portrayed, as are most of the minor ones.

The mapped rectangle of each sample block is accompanied by a legend containing, from top to bottom, the following features:

1. Block number: in numerical order (lowest numbers in the north of the survey area) from 004 to 596 on pages 7-24, prior to which on pages 4-6 there is a grouping of nine blocks selected to illustrate the diversity of soil series encountered in the area

2. Tabular presentation for all 40 chiselholes of soil series name, land slope as percentage gradient, measured by Abney level, and height in feet estimated from 1:50 000 topographic sheets supplemented, between contour lines, by field observations

3. Inset showing land facets: found by interpretation of airphotos (see 6 below) during a programme of work after the main photographic studies for the 1:125 000 maps of land facets (Separate Maps 1-4). Greater attention was paid to detailed land facet boundary drawing for the sample blocks, so there is not exact correspondence between each inset and the relevant portion of Separate Maps 1-4. Moreover, in order to show clearly the correct facet at each chiselhole, recourse has been had to distortion and smoothing of boundaries (green lines on the inset). For brief descriptions of facets, see below

4. Inset showing key to sites where chiselholes were dug: baseline is always 1A to 5H. There are 10 traverses in five joined pairs to the left of the baseline as one proceeds along it from 1A. Each chiselhole is centrally placed in a rectangle 320 m by 200 m, a density of one pit per 6.4 ha

5. Land type of Taylor *et al.* (1962): symbol following the letter of the alphabet indicates variant with much iron pan (-), or dominant iron concretions in soil (+), or many low residual hills (. .)

6. Airphoto and 1:50 000 sheet references: photographs are 1:40 000 black and white infrared taken in 1962-3. Topographic sheets with 50 ft contours have subsequently been produced by Nigerian Federal Surveys

7. Compass bearing of baseline: note that, while figures for angles are precise, sketched lines pointing to true and magnetic north are diagrammatic

8. Key to series names: for brief descriptions see below. Map colours show the extent of each series, including some occurrences observed between but not at chiselholes (e.g. southern Ekiti Series patch on block 029, page 4). Where two series are given at one chiselhole, the "boundary" soil is thought to be closer in morphology to the first named (e.g. to Matako Series, not Shante at site 3C of block 049, page 4). On occasion, for simplicity, an isolated chiselhole of one series is merged into the coloured expanse of another, locally more important (e.g. northern Apomu Series among Woro in block 577, page 6) or is elided completely (e.g. Ibadan Series in block 387, page 5)

9. Sketch indicating the location of blocks: for more exact positions refer to Separate Maps 1-4

Brief descriptions of Basement Complex land facets

A land facet is defined as an assemblage of areas, discovered by stereoscopic airphoto interpretation with checking in the field, which EITHER is uniform in terms of relief features, land cover (vegetation essentially) and ground tone on the photographs OR varies in a regular, predictable manner with regard to its relief, land cover and tone. There is further information in Part 6 of Volume 1, on Maps 1-4 and Diagram 2. The latter has a physiographically arranged list of all facets. An alphabetical list is here presented with very short descriptions of the 17 Basement Complex land facets in this Atlas. Ijoko, Potopoto and Yide facets do not occur in any of the sample blocks.

A ATAN FACET — Valleys with wide, shallow bottoms but incised stream channels: no or few trees but abundant grass

B BUNLOMI FACET — Mountains and hills, usually rocky and domed: mainly grassland with some bare ground, but dense tree growth in ravines

E ETIODO FACET — Valleys with sides and stream banks slightly to moderately incised: gallery forest

F FUNKAKIRI FACET — Long gentle connecting slopes with open tree savanna and dark airphoto tone

G GBORO FACET — Courses of perennial rivers with islands, flood plains, and terraces: gallery forest

H HEWU FACET — Long connecting slopes with gentle smooth gradients: mainly grassland with shrubs common, but very few trees: dark airphoto tone: most common land facet by far

J JADI FACET — Gentle gradients, usually on lower slopes, with some gullying and sheet-wash: mainly grassland

K KOTO FACET — Streamhead depressions, saucer shaped: much steeper than other valley facets

L LETU FACET — Long connecting slopes with moderate to gentle smooth gradients: forest and light airphoto tone

M MALUKE FACET — Rocky and largely bare mountains and hills, often domed: inselberg topography

N NILA FACET — Long connecting slopes with gentle smooth gradients: trees and shrubs common, with some forest patches: intermediate airphoto tone: second commonest facet

O ORULE FACET — Mountains and hills, ridged: vegetation small trees and many shrubs

R ROBUTU FACET — Gently convex crests with moderate gradients at downhill edges: forest and light airphoto tone

S SHORO FACET — Long gentle connecting slopes with whaleback outcrops of rock common, largely bare of vegetation

T TEJU FACET — Valleys with wide, almost flat flood plains: alternate light and dark airphoto tone parallel to stream

W WUSODE FACET — Very gently convex crests: mainly grassland with many shrubs, but very few trees: dark airphoto tone

Z ZEBRA FACET — Very gently convex crests: trees and shrubs common, with some forest patches: light or dark airphoto tone

Brief descriptions of Basement Complex soil series

A soil series is defined as the basic, relatively uniform unit of soil classification. Pedons (3-dimensional soil profiles) of one series have practically the same horizonation, depth, colour, texture, mineralogy, structure and soil-water relationships. One or more of these features will be significantly different in soils of another series. There is further information in Volume 2 and the soil series associated with each important land facet are noted in Part 7 of Volume 1. There follows an alphabetical list of the 46 soil series mapped in this Atlas and derived from Basement Complex rocks, with very short descriptions which concentrate upon the main differentiating horizons below 25 cm depth. Above that level, the surface soil is grey-brown and of loamy sand to sandy clay loam texture in most series (including all those with the word "Subsoil" at the start of their descriptions).

For brevity's sake, the descriptions are of modal profiles within each series: the permissible ranges of variation in certain characteristics are treated in Volume 2. Sketches of the main profile features possessed by 51 series are on pages 25a-26. They include five series (Mamu, Nigun, Origo, Rogun and Yoweri) unmapped in the sample blocks and described solely in Volume 2. The phrase "very common soil" is applied to six series, each of which cover 5-7.5% of the survey area, some 150 000 to 225 000 ha each. The term "grey matrix" implies that a mottled horizon or mottled profile is poorly or, at best, imperfectly drained. Series suffixed "1962" are described by Smyth and Montgomery (1962): many of them were discoveries of earlier years, as listed by Vine *et al.* (1954). Series suffixed "1957" were named by Allbrook (1957). The remaining series have been established by the authors.

Ad ADIO SERIES — Mottled (grey matrix) sandy clay or clay alluvium with watertable nearly always below 25 cm depth: 1962

Am AMODU SERIES — Subsoil red-brown sandy clay of friable or firm consistence: 1957

Ap APOMU SERIES — Greyish sandy soil 50-100 cm deep with distinct mottling over heavier mottled (grey to yellow-brown matrix) horizon, often slightly concretionary: very common soil: 1962

Ar ARAROMI SERIES — Dark brown sandy clay loam over dark brown clay, more than 100 cm deep to amphibolite rock: 1962

Ba BALOGUN SERIES — Grey-brown sandy clay loam over brown felspathic sandy clay, usually more than 100 cm deep to granite or gneiss rock: 1962

De DEJO SERIES — Subsoil mottled (yellow-grey matrix) clay, with abrupt transition from sandy top at 25-80 cm depth (mainly 40-50 cm)

Ef EFFON SERIES — Subsoil pale brown quartz-gravelly micaceous sandy clay, usually more than 75 cm deep to rotten schistose rock: 1962

Eg EGBEDA SERIES — Brownish sandy clay loam over reddish moderately concretionary sandy clay becoming mottled (red matrix) clay below about 100 cm depth: 1962

Ek EKITI SERIES — Blackish sandy soil, often stony and usually less than 50 cm deep over hard granite or gneiss rock: 1962

En ERINOKE SERIES — Brownish sandy clay loam less than 25 cm thick, over reddish quartz-gravelly clay loam or sandy clay: 1962

Er ERUWA SERIES — Grey-brown sandy clay loam 25-50 cm deep over red-brown iron concretionary clay loam

Fa FASHOLA SERIES — Grey-brown sandy soil 25-50 cm deep over hard iron pan: 1957

Gb GBEMI SERIES — Thin grey-brown sandy soil, less than 25 cm, over hard iron pan

Ib IBADAN SERIES — Subsoil brownish quartz-gravelly and stony moderately concretionary micaceous clay loam or sandy clay, felspathic below 60-75 cm depth: 1962

If IFE SERIES — Quartz stones and gravel over hard quartzite or pegmatite by 80 cm depth (mainly 30-50 cm): 1962

Ig IGBOHO SERIES — Brownish sandy clay loam over red-brown to yellow-brown sandy clay of very firm consistence: 1957

Ir IREGUN SERIES – Subsoil red-brown to yellow-brown clay loam or sandy clay over mottled (red matrix) clay: very common soil: 1962

Is ISEYIN SERIES – Grey-brown sandy soil less than 100 cm deep (mainly 50-70 cm) over hard granite or gneiss rock: 1957

Iv IWAJI SERIES – Brownish quartz-gravelly and stony sandy soil, usually less than 50 cm deep over hard quartzite or quartzschist rock: 1962

Iw IWO SERIES – Brownish sandy clay loam over brownish moderately concretionary sandy clay, felspathic below 60-75 cm depth: 1962

Ja JAGO SERIES – Mottled (grey matrix) alluvium mainly of medium texture with water-table nearly always below 25 cm depth: 1962

Ki KISHI SERIES – Subsoil yellow-brown moderately concretionary sandy clay becoming mottled (yellow matrix) sandy clay below: 1957

La LANLATE SERIES – Subsoil mottled (yellow matrix) very micaceous clay, with abrupt transition from sandy top at 25-60 cm depth

Mj MAJEROKU SERIES – Mottled (grey matrix) soil, sand to sandy loam abruptly, at 25-80 cm (mainly 40-50 cm), overlying pebbly clay: 1962

Mn MAKUN SERIES – Subsoil brownish slightly concretionary clay loam becoming mottled (red matrix) sandy clay below about 75 cm depth: 1962

Mt MATAKO SERIES – Mottled (pale grey matrix) coarse sandy alluvium with watertable nearly always below 25 cm depth: 1962

Ob OBA SERIES – Brownish loam over clay which is mottled (red to brown matrix) below 100-120 cm depth: 1962

Of OFIKI SERIES – Mottled (pale grey matrix) mainly coarse sandy alluvium, seasonally inundated: 1957

Og OGBORO SERIES – Grey-brown quartz-gravelly sandy soil less than 100 cm deep (mainly 50-70 cm) over hard quartz-schist rock: 1957

Ok OKEMESSI SERIES – Subsoil brownish quartz-gravelly sandy clay loam to sandy clay over hard quartz-schist rock by 100 cm depth (mainly 50-80 cm): 1962

Ol OLORUNDA SERIES – Brownish sandy clay loam over brownish moderately concretionary sandy clay becoming mottled (orange matrix) clay below about 100 cm depth: 1962

Om OMO SERIES – Subsoil brownish moderately concretionary quartz-gravelly sandy clay loam to sandy clay over hard quartzite rock by 100 cm depth (mainly 50-70 cm): 1962

Os OSHE SERIES – Mottled (grey matrix) sandy clay or clay alluvium, seasonally inundated: 1957

Ow OWUTU SERIES – Brownish sandy clay loam over brownish moderately concretionary sandy clay often containing very concretionary lenses, occupying part of layer between 30 cm and 75 cm

Oy OYO SERIES – Grey-brown sandy soil 25-100 cm deep (mainly 25-60 cm) over iron concretionary horizon: very common soil

Pa PABIKU SERIES – Subsoil mottled (yellow-grey matrix) iron concretionary clay, with abrupt transition from sandy top at 25-80 cm depth

Sb SHABE SERIES – Brownish sandy clay loam over brownish micaceous sandy clay, usually more than 75 cm deep to rotten schistose rock

St SHANTE SERIES – Greyish sandy soil more than 100 cm deep, with mottling absent or faint in top 100 cm: very common soil: 1957

Ss SHASHA SERIES – Pale brown fine sandy alluvium: 1962

Sp SHEPETERI SERIES – Red-brown clay loam 25-50 cm deep over dark red iron concretionary clay: 1957

Td TEDE SERIES – Subsoil quartz stoneline usually 15-40 cm thick over mottled (grey to yellow-brown matrix) quartz-gravelly clay: 1957

Tm TEMIDIRE SERIES – Grey-brown sandy soil 50-100 cm deep over hard iron pan: very common soil

Ti TITIALE SERIES – Subsoil red-brown to yellow-brown felspathic sandy loam or sandy clay loam over hard granite rock by 100 cm depth (mainly 60-80 cm)

Wa WAWA SERIES – Mottled (pale grey matrix) coarse sandy alluvium now not or seldom affected by groundwater above 100 cm depth: 1957

Wr WORO SERIES –Thin grey-brown sandy soil, less than 25 cm, over iron concretionary horizon: below 100 cm there is often mottled (grey matrix) gravelly clay: very common soil

Ye YEMOSO SERIES – Bouldery rubble of hard iron pan at the surface

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VINE H, WESTON V J, MONTGOMERY R F, SMYTH A J and MOSS R P 1954 Progress of soil surveys in South-Western Nigeria, Proc. 2nd Int-Afr. Soil Conf. Leopoldville, 211-236

Addendum on page 12 – In Block 165 land facets key put M at sites 5A and 4H.

2ème partie Complexe de Base

NOTES EXPLICATIVES

Les deux-tiers central et oriental de la région levée comportent 62 blocs échantillons représentés sur les cartes aux pages 4-24. Elles sont réparties toutes sur des roches du Complexe de Base. Chacun des sols principaux inventoriés durant l'étude est décrit, et il en est de même de la plupart de ceux de moindre importance.

Le rectangle tracé concernant chaque portion type est accompagné d'une légende comportant, de haut en bas, les caractéristiques suivantes:

1. Numéro du bloc: en ordre numérique (les nombres les plus bas se trouvant dans le nord de la région levée) de 004 à 596, pages 7-24, précédé en pages 4-6 d'un groupement de neuf blocs choisis afin d'illustrer la diversité des séries pédologiques rencontrées dans la région

2. Présentation tabulaire pour chacun des 40 trous creusés à la sonde de la série pédologique nommée, de la déclivité du terrain sous forme de pourcentage d'inclinaison mesurée à l'aide du niveau Abney, et dénivelée exprimée en pieds estimée à partir de feuilles topographiques 1/50 000, complétées entre les courbes par des observations sur le terrain

3. Encart montrant les faciès de terrain: déterminés par interprétation de photographies aériennes (voir ci-dessous) durant un programme de travaux ayant suivi les études photographiques principales pour les cartes à l'échelle de 1/125 000 des faciès de terrain, (Cartes 1-4). Une attention particulière a été consacrée au tracé détaillé des limites des faciès pour les blocs types; par conséquent, chaque encart ne correspond pas exactement à la partie correspondante des Cartes 1-4. En outre, afin de définir clairement le faciés correct de chaque trou creusé, on a eu recours à une déformation et à un adoucissement des limites (lignes vertes apparaissant sur l'encart). (Pour une description succinte des faciès, voir ci-dessous)

4. Encart donnant la clé des emplacements où les trous ont été creusés à la sonde; la ligne de base est toujours 1A à 5H. Il y a 10 lignes transversales en cinq paires accolées à la gauche de la ligne de base si l'on suit celle-ci à partir de 1A. Chaque trou est placé au centre d'un rectangle de 320m x 200m, soit une densité d'un puits par 6,4 hectares

5. Type de terrain de Taylor *et al* (1962); le symbole suivant la lettre de l'alphabet indique une variante avec une grande quantité de carapaces ferrugineuses(—), ou des concrétions ferrugineuses abondantes dans le sol(+), ou de nombreuses collines basses résiduelles (. .)

6. Photographies aériennes et repère de feuilles au 1/50 000; les photographies sont au 1/40 000 infra-rouges en blanc et noir prises en 1962-3. Les feuilles topographiques avec des lignes de niveau de 50 pieds ont été produites ultérieurement par les levés fédéraux nigérians

7. Relèvement au compas de la ligne de base: à noter que, si les chiffres ayant trait aux angles sont exacts, les grandes lignes indiquant le nord géographique et magnétique sont schématiques

8. Clés des noms de séries; pour des descriptions succintes, voir ci-dessous. Les couleurs de la carte montrent l'étendue de chaque série, y compris certains faits remarqués entre des trous creusés à la soude, mais non à leur endroit (par exemple, partie de la série Ekiti méridionale sur la portion 029, page 4). Là ou deux séries sont données par un seul trou, le sol de la 'limite' est considéré comme étant plus proche au point de vue morphologique du premier nommé (par exemple, à la Série Matako et non à la Série Shante à l'emplacement 3C de la portion 049, page 4). Quelquefois, aux fins de simplification, un trou isolé d'une série est inclu dans l'étendue colorée d'une autre, plus importante au point de vue local (par exemple Série Apomu septentrional parmi Woro dans la portion 597, page 6) ou est entièrement supprimé (par exemple Série Ibadan dans la portion 387, page 5)

9. Croquis indiquant l'emplacement des blocs; pour un positionnement plus exact, se référer aux Cartes 1-4

Description succinte des faciès de terrain sur le Complexe de Base

Un faciès de terrain est défini comme étant un assemblage de régions, découvertes au moyen de l'interprétation de photographies aériennes stéréoscopiques, avec vérification sur place, qui est soit uniforme, en termes de caractéristiques relatives au relief, à la couverture végétale, et à la coloration de la terre sur les photographies, soit varie d'une façon régulière, prévisible en ce qui concerne son relief, la couverture et le contraste de couleur de celle-ci. Des détails complémentaires figurent dans la 6ème partie du Volume 1 et sur les Cartes 1-4 et le graphique 2. Le dernier présente une liste disposée en ordre physiographique de tous les faciès. Une liste alphabétique est présentée par la suite avec les descriptions sommaires des 17 faciès sur le Complexe Géologique de Base dans le présent atlas. Les faciès Ijoko, Potopoto et Yide ne se présentent dans aucun des blocs types.

A FACIÈS ATAN — Vallées à fonds larges et peu profonds, mais cours d'eau bien incisés: peu ou pas d'arbres mais herbe abondante

B FACIÈS BUNLOMI — Montagnes et collines, habituellement rocheuses et en forme de dômes: principalement herbages avec certaines terres nues, mais développement dense d'arbres dans les ravins

E FACIÈS ETIODO — Vallées avec talus et rives de cours d'eau légèrement à modérément incisés: forêts-galeries

F FACIÈS FUNKAKIRI — Longues pentes douces communicantes avec savane arborée ouverte, et couleur sombre des photographies aériennes

G FACIÈS GBORO — Cours d'eaux permanents avec îles, plaines d'inondation, et terrasses: forêts-galeries

H FACIÈS HEWU — Longues pentes faibles et peu accidentées se raccordant: principalement herbages avec buissons, mais arbres très rares: ton sombre des photographies aériennes; de loin le faciès le plus courant

J FACIÈS JADI — Inclinaisons douces, habituellement sur les pentes inférieures, avec quelques ravinements, et érosion en nappe: principalement herbages

K FACIÈS KOTO — Depressions en forme de soucoupes causées par les chutes d'eau: beaucoup plus raides que les faciès d'autres vallées

L FACIÈS LETU — Pentes peu accidentées se raccordant, à inclinaison modérée à douce: forêts et couleur claire des photographies aériennes

M FACIÈS MALUKE — Montagnes et collines rocheuses et en grande partie nues, fréquemment en forme de dômes: topographie en inselberge

N FACIÈS NILA — Longues pentes raccordées à inclinaison douce peu accidentées; buissons et arbres, avec quelques forêts en taches; couleur moyenne des photographies aériennes: c'est le deuxième faciès le plus courant

O FACIÈS ORULE — Montagnes et collines avec crêtes: végétation petits arbres et nombreux arbustes

R FACIÈS ROBUTU — Crêtes doucement convexes à inclinaison modérée aux arêtes inclinées: forêts et photographies aériennes aux couleurs claires

S FACIÈS SHORO — Chaînes de longues pentes douces avec affleurement en dos de baleine de rochers: en grande partie dépourvues de végétation

T FACIÈS TEJU — Vallées aux plaines d'inondation larges quasi plates: photographies aériennes aux tonalités alternativement claires et sombres parallèlement aux cours d'eau

W FACIÈS WUSODE — Crêtes à faible convexité, principalement herbages avec nombreux arbustes, mais très peu d'arbres: photographies aériennes de couleur sombre

Z FACIÈS ZEBRA — Crêtes à faible convexité: étendues d'arbres et d'arbustes avec quelques tâches de forêts: photos aériennes claires ou sombres.

Description succinte des séries pedologiques sur le Complexe de Base

Une série de sols est définie comme étant l'unité fondamentale, relativement uniforme, de la classification pédologique. Les pedons (profils de sols à trois dimensions) d'une série ont pratiquement la même succession d'horizons, de profondeur, de couleur, de texture, de minéralogie, de structure et de rapports sol-eau. Une ou plusieurs de ces caractéristiques présenteront une différence significative dans les sols d'une autre série. D'autres informations peuvent être trouvés dans le Volume 2 et l'association des séries pédologiques à chaque faciès important du terrain, est notée dans la 7ème partie du Volume 1. Ils sont suivis d'une liste alphabétique de 46 séries pédologiques dressées dans le présent Atlas et dérivées des roches du Complexe de Base, avec des descriptions très sommaires centrées sur les principaux horizons de différenciation situés en dessous de 25 cm de profondeur. Au-dessus de ce niveau, le sol de surface est d'un gris brunâtre et présente une texture allant du sable limoneux au limon sable argileux dans la plupart des séries (y compris toutes celles comportant le mot "sous-sol" au début de leur description).

En vue de simplification, les descriptions sont celles de profils modaux au sein de chaque série; les limites acceptables de variations de certaines caractéristiques sont examinées dans le Volume 2. Une esquisse de caractères principaux des profils de 51 séries est présentée pages 25a-26. Il s'y trouve cinq séries (Mann, Nigun, Origo, Rogun et Yoweri) qui n'étaient pas cartographiées dans les blocs échantillonnés, èt qui ne sont décrites que dans le Volume 2. L'expression "sol très courant" est appliquée à six séries dont chacune couvre de 5 à 7,5 % de la zone faisant l'objet du levé, soit quelque 150 000 à 230 000 hectares chacune. Le terme "matrice grise" signifie qu'un horizon ou un profil bariolé est mal, ou au mieux, imparfaitement drainé. Les séries suivies du suffixe "1962" sont décrites par Smyth et Montgomery (1962). La plupart avaient été découvertes antérieurement comme celles énumérées par Vine *et al* (1954). Les séries suivies de "1957" ont été nommées par Allbrook (1957). Les séries qui restent ont été établies par les auteurs.

Ad SÉRIE ADIO — Argile sableuse tachetée (matrice grise) ou alluvion argileuse avec nappe aquifère presque toujours en-dessous de 25 cm de profondeur: 1962

Am SÉRIE AMODU — Sous-sol d'argile sableuse brun rougeâtre de consistance soit friable soit ferme: 1957

Ap SÉRIE APOMU — Sol sableux grisâtre de 50-100cm de profondeur avec tâches distinctes sur horizon plus fortement tâcheté (matrice gris-brun à brun jaunâtre), fréquemment légèrement concrétionné: sol très courant: 1962

Ar SÉRIE ARAROMI — Limon argileux sableux brun foncé sur argile brun foncé, à roches amphibolitiques à plus de 100 cm de profondeur: 1962

Ba SÉRIE BALOGUN — Limon argileux sableux gris-brunâtre sur argile sableuse feldspathique, habituellement plus de 100 cm de profondeur jusqu'aux roches de granite ou de gneiss: 1962

De SÉRIE DEJO – Sous-sol d'argile tâchetée (matrice jaune grisâtre), avec transition brusque aux horizons supérieurs sablonneux à 25-80 cm de profondeur (principalement 40-50 cm)

Ef SÉRIE EFFON – Sous-sol argileux sableux, micacé, graviers de quartz, brun pâle, habituellement plus de 75 cm de profondeur jusqu'aux roches schisteuses pourries: 1962

Eg SÉRIE EGBEDA – Limon argileux sableux brunâtre sur argile sableuse modérément concrétionnée devenant une argile tâchetée (matrice rouge) en-dessous de 100 cm de profondeur environ: 1962

Ek SÉRIE EKITI – Sol sablonneux noirâtre, fréquemment pierreux et habituellement de moins de 50 cm de profondeur sur roches dures, granitiques ou gneiss: 1962

En SÉRIE ERINOKE – Limon argileux sableux brunâtre de moins de 25 cm de profondeur, sur limon argileux ou argile sableuse avec graviers de quartz, rougeâtre: 1962

Er SÉRIE ERUWA – Limon argileux sableux gris brunâtre de 25-50 cm de profondeur sur limon argileux avec concrétionnement ferrugineux rougeâtre

Fa SÉRIE FASHOLA – Sol sablonneux gris-brunâtre de 25-50 cm de profondeur sur cuirasse ferrugineuse: 1957

Gb SÉRIE GBEMI – Mince couche de sol sablonneux gris-brunâtre de moins de 25 cm d'épaisseur sur cuirasse ferrugineuse

Ib SÉRIE IBADAN – Sous-sol brunâtre avec graviers de quartz et limon argileux ou argilo-sableux micacé, pierreux, modérément concrétionné, feldspathique en-dessous de 60-75 cm de profondeur: 1962

If SÉRIE IFE – Pierres et graviers de quartz au-dessus de quartzite ou de pegmatite sur 80 cm de profondeur (principalement 30-50 cm): 1962

Ig SÉRIE IGBOHO – Limon argileux sableux brunâtre sur argile sableuse de forte consistance de couleur brun rougeâtre à brun jaunâtre: 1957

Ir SÉRIE IREGUN – Sous-sol de limon argileux brun rougeâtre à brun jaunâtre ou d'argile sableuse sur argile tâchetée (matrice rouge): sol très courant: 1962

Is SÉRIE ISEYIN – Sol sablonneux brun grisâtre de moins de 100 cm de profondeur (principalement 50-70 cm) sur roches dures, granite ou gneiss: 1957

Iv SÉRIE IWAJI – Sol sableux avec graviers de quartz et pierres, brunâtre, habituellement de moins de 50 cm de profondeur sur quartzite dur ou roches schisteuse avec quartz: 1962

Iw SÉRIE IWO – Limon argileux sableux brunâtre sur argile sableuse brunâtre modérément concrétionnée: feldspathique en-dessous de 60-75 cm de profondeur: 1962

Ja SÉRIE JAGO – Alluvions tâchetées (matrice grise) principalement de texture moyenne avec nappe aquifère presque toujours en-dessous de 25 cm de profondeur: 1962

Ki SÉRIE KISHI – Sous-sol brun jaunâtre d'argile sableuse modérément concrétionnée passant à de l'argile sableuse tachetée (matrice jaune) en-dessous: 1957

La SÉRIE LANLATE – Sous-sol d'argile tachetée (matrice jaune) très micacée, avec transition brusque à l'horizon de surface sablonneux à 25-60 cm de profondeur

Mj SÉRIE MAJEROKU – Sol tâcheté (matrice grise), brusquement sableuse à limono-sableux entre 25-80 cm (principalement 40-50 cm), recouvrant de l'argile avec des cailloux: 1962

Mn SÉRIE MAKUN – Sous-sol de limon argileux légèrement concrétionnée de couleur brunâtre passant à de l'argile sableuse tâchetée (matrice rouge) en-dessous de 75 cm de profondeur environ: 1962

Mt SÉRIE MATAKO – Alluvions sableuses grossiéres tâchetées (matrice gris pâle) avec nappe aquifère presque toujours en-dessous de 25 cm de profondeur: 1962

Ob SÉRIE OBA – Limon brunâtre au-dessus d'une argile qui est tâchetée (matrice rouge) en-dessous de 100-120 cm de profondeur: 1962

Of SÉRIE OFIKI – Alluvions sableuses principalement grossières tâchetées (matrice gris pâle), saisonnièrement inondées: 1957

Og SÉRIE OGBORO – Sol sableux brun grisâtre avec graviers de quartz, de moins de 100 cm d'épaisseur (principalement 50-70 cm) sur roches cohérentes de schiste quartzeux

Ok SÉRIE OKEMESSI – Sous-sol de couleur brunâtre de limon argilo-sableux avec graviers de quartz à argilo-sableux sur roches cohérentes de schistes quartzeux dès 100 cm de profondeur (principalement 50-80 cm): 1962

Ol SÉRIE OLORUNDA – Limon argilo-sableux brunâtre sur argile sableuse brunâtre modérément concrétionnée passant à de l'argile tâchetée (matrice orange) en dessous de 100 cm de profondeur environ: 1962

Om SÉRIE OMO – Sous-sol de limon brunâtre argilo-sableux, graviers de quartz modérément concrétionnés, à argilo-sableux sur roches dures de quartzite dès 100 cm de profondeur (principalement 50-70 cm): 1962

Os SÉRIE OSHE – Alluvion, argile sableuse ou argile, tâchetée (matrice grise) et inondée saisonnièrement: 1957

Ow SÉRIE OWUTU – Limon argilo-sableux brunâtre sur argile sableuse modérément concrétionnée brunâtre contenant souvent des poches très concrétionnées occupant une partie de l'horizon entre 30-50 cm d'épaisseur

Oy SÉRIE OYO – Sol sablonneux brun grisâtre de 25 à 100 cm de profondeur (le plus souvent 25-60 cm) sur un horizon ferrugineux concrétionné: sol très courant

Pa SÉRIE PABIKU – Sous-sol tâcheté (matrice jaune grisâtre) d'argile avec des concrétions ferrugineuses et une transition brusque avec le sommet sablonneux à environ 25-60 cm de profondeur

Sb SÉRIE SHABE – Limon argilo-sableux brunâtre sur argile sableuse micacée brunâtre, habituellement de plus de 75 cm de profondeur jusqu'à la roche schisteuse pourrie

St SÉRIE SHANTE – Sol sablonneux grisâtre de plus de 100 cm de profondeur, avec ou sans bariolage très vague dans les 100 cm supérieurs; sol très courant: 1957

Ss SÉRIE SHASHA – Alluvions de sable fin brun clair: 1962

Sp SÉRIE SHEPETERI – Limon argileux brun rougeâtre de 25-50 cm d'épaisseur sur argile rouge sombre avec des concrétions ferrugineuses: 1957

Td SÉRIE TEDE – Sous-sol avec "stone-line" de quartz d'une épaisseur habituelle de 15-40 cm sur argile quartzeuse et graveleuse tâchetée (matrice grise à jaune brunâtre): 1957

Tm SÉRIE TEMIDIRE – Sol sableux gris-brunâtre de 50-100 cm d'épaisseur sur cuirasse ferrugineuse: sol très courant

Ti SÉRIE TITIALE – Sous-sol brun rougeâtre à brun jaunâtre de limon sableux ou de limon argilo-sableux feldspathique sur roches de granite cohérent dès 100 cm de profondeur (principalement 50-80 cm)

Wa SÉRIE WAWA – Alluvions de sables grossiers tâchetées (matrice gris pâle) actuellement rarement ou pas affectées par les nappes d'eau au-delà de 100 cm de profondeur: 1957

Wr SÉRIE WORO – Mince couche de sol sablonneux gris brunâtre, moins de 25 cm, sur horizon ferrugineux concrétionné: en-dessous de 100 cm de profondeur on trouve fréquemment de l'argile graveleuse tâchetée (matrice grise): sol très courant

Ye SÉRIE YEMOSO – Blocs pierreux de cuirasse ferrugineuse dure en surface

Ouvrages de reference

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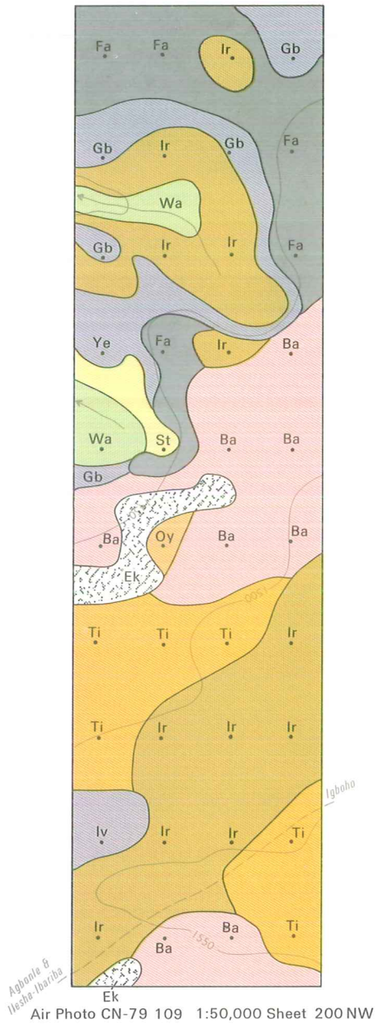
VINE H, WESTON V J, MONTGOMERY R F, SMYTH A J et MOSS R P — 1954 Progress of soil surveys in South Western Nigeria (Etat d'avancement des études de sols dans le Nigeria Sud Ouest) Proc. Int-Afri. Soil Conf. Leopoldville 211-236.

Addendum en page 12 – Dans la légende des faciès de terrain de la portion 165, insérer M aux emplacements 5A et 4H.

BLOCK 029

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Fashola	4	1430
1B	Fashola	2	1440
1C	Iregun	1	1440
1D	Gbemi	2	1440
1E	Fashola	3	1450
1F	Gbemi	3	1440
1G	Iregun	5	1420
1H	Gbemi	23	1430
2A	Gbemi	16	1430
2B	Iregun	3	1420
2C	Iregun	2	1420
2D	Fashola	3	1450
2E	Balogun	1	1460
2F	Iregun	3	1450
2G	Fashola	1	1450
2H	Yemoso	11	1430
3A	Wawa	2	1420
3B	Shante	5	1440
3C	Balogun	3	1470
3D	Balogun	2	1480
3E	Balogun	2	1500
3F	Balogun	3	1480
3G	Oyo	2	1460
3H	Balogun	1	1450
4A	Titiale	3	1470
4B	Titiale	2	1490
4C	Titiale	4	1510
4D	Iregun	3	1520
4E	Iregun	3	1530
4F	Iregun	3	1520
4G	Iregun	3	1510
4H	Titiale	3	1500
5A	Iwaji	2	1530
5B	Iregun	3	1540
5C	Iregun	2	1550
5D	Titiale	2	1550
5E	Titiale	2	1560
5F	Balogun	2	1550
5G	Balogun	0	1550
5H	Iregun	3	1540



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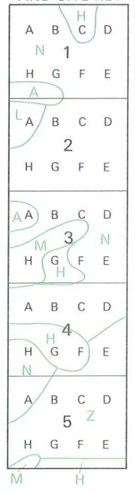
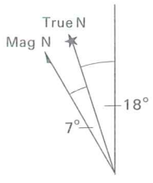
LAND FACETS AND SITE KEY



LAND TYPE

D··

BLOCK

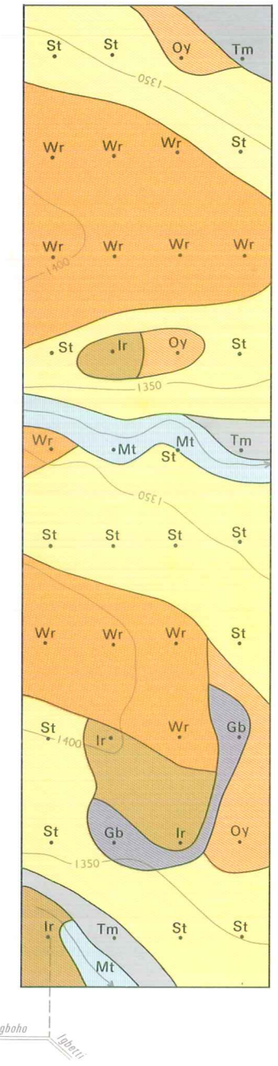


KEY TO SERIES

Ba	Balogun	Oy	Oyo
Ek	Ekiti	St	Shante
Fa	Fashola	Ti	Titiale
Gb	Gbemi	Wa	Wawa
Ir	Iregun	Ye	Yemoso
Iv	Iwaji		

BLOCK 049

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Shante	3	1360
1B	Shante	4	1340
1C	Oyo	3	1330
1D	Temidire	3	1320
1E	Shante	2	1360
1F	Woro	2	1370
1G	Woro	2	1380
1H	Woro	2	1390
2A	Woro	2	1410
2B	Woro	2	1390
2C	Woro	4	1380
2D	Woro	4	1370
2E	Shante	4	1360
2F	Oyo	3	1360
2G	Iregun	2	1360
2H	Shante	4	1360
3A	Woro	4	1340
3B	Matako	5	1320
3C	Matako/Shante	12	1320
3D	Temidire	12	1320
3E	Shante	1	1340
3F	Shante	2	1360
3G	Shante	5	1370
3H	Shante	2	1390
4A	Woro	1	1420
4B	Woro	3	1410
4C	Woro	3	1390
4D	Shante	3	1380
4E	Gbemi	4	1380
4F	Woro	2	1390
4G	Iregun	1	1410
4H	Shante	2	1400
5A	Shante	3	1360
5B	Gbemi	2	1360
5C	Iregum	3	1360
5D	Oyo	3	1370
5E	Shante	1	1350
5F	Shante	2	1340
5G	Temidire	2	1330
5H	Iregun	2	1330



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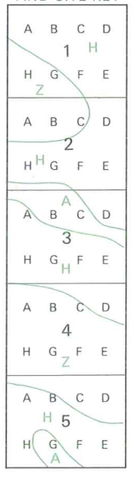
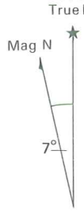
LAND FACETS AND SITE KEY



LAND TYPE

A

BLOCK

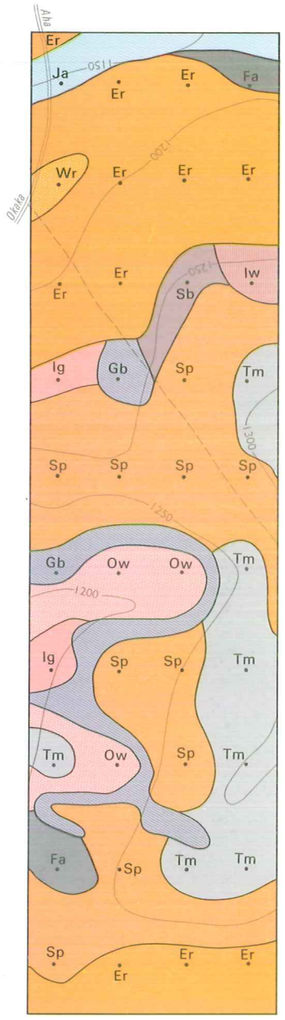


KEY TO SERIES

Gb	Gbemi	St	Shante
Ir	Iregun	Tm	Temidire
Mt	Matako	Wr	Woro
Oy	Oyo		

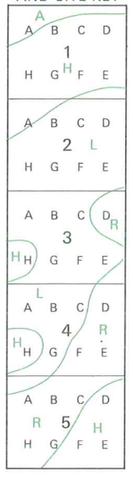
BLOCK 169

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Jago	2	1150
1B	Eruwa	4	1160
1C	Eruwa	4	1170
1D	Fashola	5	1190
1E	Eruwa	4	1230
1F	Eruwa	4	1220
1G	Eruwa	4	1200
1H	Woro	4	1180
2A	Eruwa	4	1200
2B	Eruwa	4	1230
2C	Shabe	3	1250
2D	Iwo	3	1260
2E	Temidire	2	1290
2F	Shepeteri	3	1270
2G	Gbemi	7	1240
2H	Igboho	2	1220
3A	Shepeteri	1	1260
3B	Shepeteri	1	1260
3C	Shepeteri	2	1270
3D	Shepeteri	3	1290
3E	Temidire	3	1260
3F	Owutu	36	1230
3G	Owutu	3	1220
3H	Gbemi	19	1220
4A	Igboho	8	1200
4B	Shepeteri	6	1220
4C	Shepeteri	4	1250
4D	Temidire	1	1270
4E	Temidire	6	1300
4F	Shepeteri	7	1270
4G	Owutu	4	1230
4H	Temidire	3	1220
5A	Fashola	3	1230
5B	Shepeteri	2	1250
5C	Temidire	4	1270
5D	Temidire	4	1270
5E	Eruwa	4	1240
5F	Eruwa	4	1240
5G	Eruwa	6	1230
5H	Shepeteri	5	1230



Air Photo CN-84 107 1:50,000 Sheet 221 NW

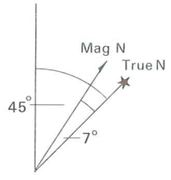
LAND FACETS AND SITE KEY



LAND TYPE

K

BLOCK



KEY TO SERIES

Er	Eruwa	Ow	Owutu
Fa	Fashola	Sb	Shabe
Gb	Gbemi	Sp	Shepeteri
Ig	Igboho	Tm	Temidire
Iw	Iwo	Wr	Woro
Ja	Jago		

LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

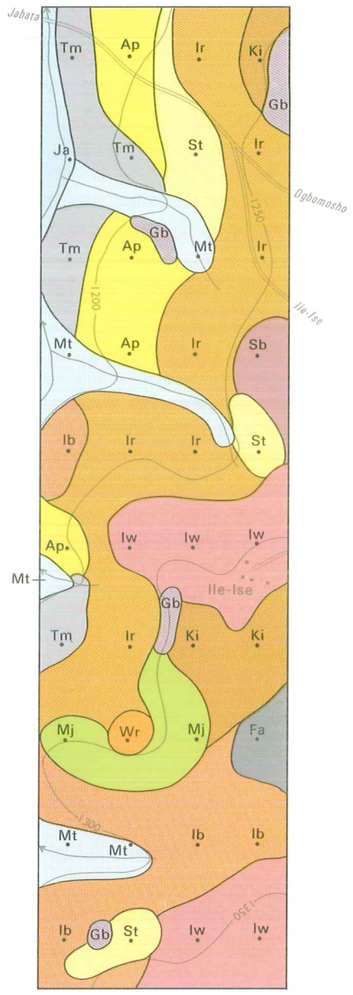
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

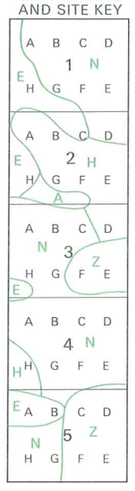
- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 286

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Temidire	3	1160
1B	Apomu	5	1190
1C	Iregun	4	1230
1D	Kishi	4	1250
1E	Iregun	5	1260
1F	Shante	2	1230
1G	Temidire	4	1210
1H	Jago	6	1170
2A	Temidire	4	1180
2B	Apomu	3	1220
2C	Matako	6	1240
2D	Iregun	8	1260
2E	Shabe	7	1260
2F	Iregun	2	1240
2G	Apomu	2	1210
2H	Matako	3	1180
3A	Ibadan	4	1220
3B	Iregun	3	1240
3C	Iregun	2	1240
3D	Shante	4	1260
3E	Iwo	4	1300
3F	Iwo	3	1290
3G	Iwo	2	1280
3H	Apomu	4	1250
4A	Temidire	4	1260
4B	Iregun	4	1280
4C	Kishi	3	1310
4D	Kishi	2	1330
4E	Fashola	2	1330
4F	Majeroku	2	1320
4G	Woro	1	1290
4H	Majeroku	2	1300
5A	Matako	5	1290
5B	Matako	2	1300
5C	Ibadan	4	1320
5D	Ibadan	3	1330
5E	Iwo	0	1360
5F	Iwo	1	1350
5G	Shante	4	1340
5H	Ibadan	3	1330



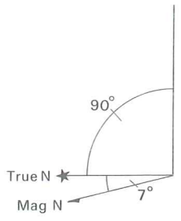
LAND FACETS AND SITE KEY



LAND TYPE

C

Air Photo CN-108 155 1:50,000 Sheet 222 SE

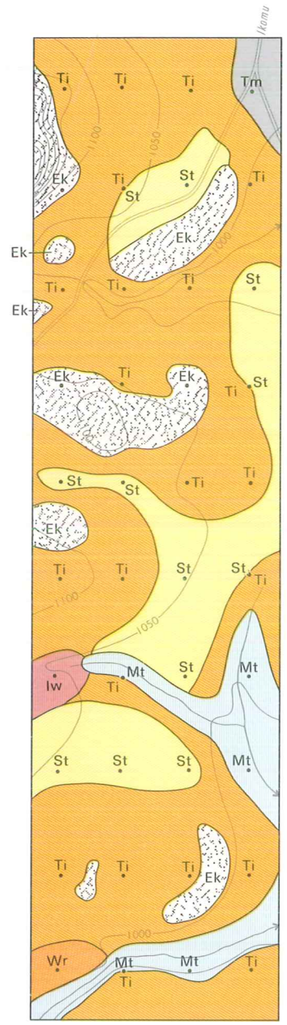


KEY TO SERIES

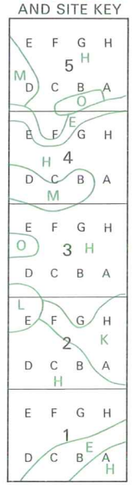
Ap	Apomu	Ki	Kishi
Fa	Fashola	Mj	Majeroku
Gb	Gbemi	Mt	Matako
Ib	Ibadan	Sb	Shabe
Ir	Iregun	St	Shante
Iw	Iwo	Tm	Temidire
Ja	Jago	Wr	Woro

BLOCK 295

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Titiale	3	1010
1B	Matako	5	1000
1C	Titiale/Matako	0	1000
1D	Woro	2	1010
1E	Titiale	2	1030
1F	Titiale	2	1030
1G	Titiale	2	1020
1H	Titiale	2	1090
2A	Matako	1	980
2B	Shante	2	1010
2C	Shante	2	1030
2D	Shante	2	1050
2E	Iwo	2	1060
2F	Titiale/Matako	9	1040
2G	Shante	2	1030
2H	Matako	2	1000
3A	Titiale/Shante	5	1030
3B	Shante	3	1050
3C	Titiale	4	1090
3D	Titiale	12	1120
3E	Shante	3	1080
3F	Shante	4	1080
3G	Titiale	2	1060
3H	Titiale	4	1040
4A	Titiale/Shante	4	1030
4B	Ekiti	15	1040
4C	Titiale	10	1050
4D	Ekiti	22	1050
4E	Titiale	10	1030
4F	Titiale	7	1010
4G	Titiale	6	980
4H	Shante	2	990
5A	Titiale	7	1000
5B	Shante	1	1030
5C	Titiale/Shante	8	1060
5D	Ekiti	84	1090
5E	Titiale	18	1170
5F	Titiale	10	1070
5G	Titiale	8	1030
5H	Temidire	3	1020



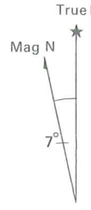
LAND FACETS AND SITE KEY



LAND TYPE

B··

Air Photo CN-107 94 1:50,000 Sheet 220 SW

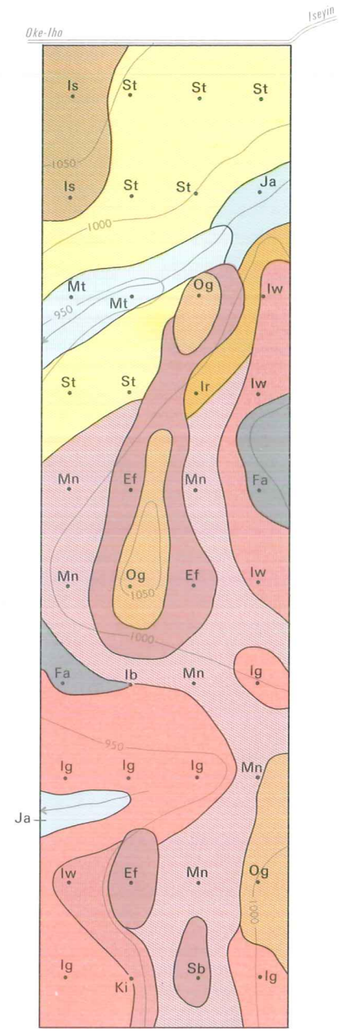


KEY TO SERIES

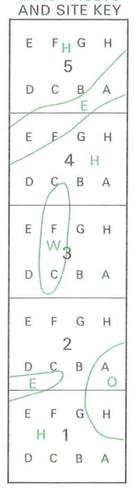
Ek	Ekiti	Ti	Titiale
Iw	Iwo	Tm	Temidire
Mt	Matako	Wr	Woro
St	Shante		

BLOCK 387

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Igboho	5	1000
1B	Shabe	6	970
1C	Kishi	6	950
1D	Igboho	7	920
1E	Iwo	1	940
1F	Effon	6	960
1G	Makun	3	980
1H	Ogboro	15	1000
2A	Makun	13	960
2B	Igboro	2	940
2C	Igboro	15	930
2D	Igboro	4	930
2E	Fashola	2	970
2F	Ibadan	4	980
2G	Makun	3	990
2H	Igboho	3	1000
3A	Iwo	3	1040
3B	Effon	2	1040
3C	Ogboro	20	1050
3D	Makun	6	1000
3E	Makun	2	990
3F	Effon	8	1030
3G	Makun	5	1040
3H	Fashola	2	1050
4A	Iwo	5	1040
4B	Iregun	1	1000
4C	Shante	5	980
4D	Shante	3	970
4E	Matako	5	950
4F	Matako	3	950
4G	Ogboro	36	980
4H	Iwo	2	1020
5A	Jago	2	960
5B	Shante	5	1000
5C	Shante	9	1020
5D	Iseyin	5	1030
5E	Iseyin	6	1060
5F	Shante	5	1040
5G	Shante	4	1040
5H	Shante	6	1020



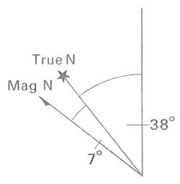
LAND FACETS AND SITE KEY



LAND TYPE

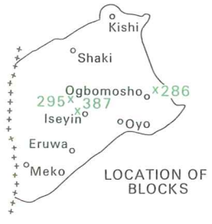
I

Air Photo CN-77 186 1:50,000 Sheet 241 NW



KEY TO SERIES

Ef	Effon	Ja	Jago
Fa	Fashola	Ki	Kishi
Ib	Ibadan	Mn	Makun
Ig	Igboho	Mt	Matako
Ir	Iregun	Og	Ogboro
Is	Iseyin	Sb	Shabe
Iw	Iwo	St	Shante



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

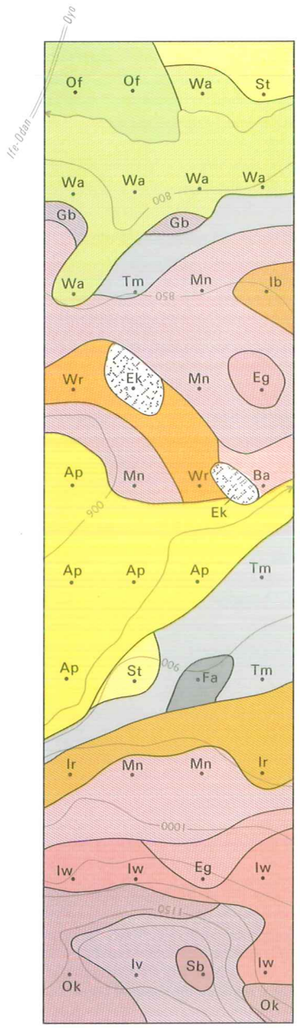
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

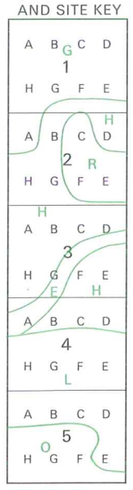
BLOCK 455

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Ofiki	3	770
1B	Ofiki	2	770
1C	Wawa	2	770
1D	Shante	3	770
1E	Wawa	2	800
1F	Wawa	2	800
1G	Wawa	2	780
1H	Wawa	4	810
2A	Wawa	7	830
2B	Temidire	1	850
2C	Makun	3	850
2D	Ibadan	2	850
2E	Egbeda	3	860
2F	Makun	2	870
2G	Ekiti	5	880
2H	Woro	4	890
3A	Apomu	4	910
3B	Makun	2	900
3C	Woro	6	870
3D	Balogun	7	850
3E	Temidire	2	880
3F	Apomu	6	870
3G	Apomu	3	860
3H	Apomu	5	880
4A	Apomu	4	880
4B	Shante	0	910
4C	Fashola	1	900
4D	Temidire	2	910
4E	Iregun	0	950
4F	Makun	5	960
4G	Makun	10	970
4H	Iregun	6	980
5A	Iwo	14	1050
5B	Iwo	16	1100
5C	Egbeda	12	1070
5D	Iwo	5	1030
5E	Iwo	6	1090
5F	Shabe	6	1220
5G	Iwaji	25	1200
5H	Okemessi	20	1120



Air Photo CN-86 94 1:50,000 Sheet 242 NW

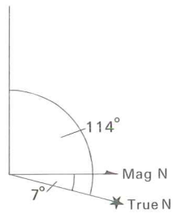
LAND FACETS AND SITE KEY



LAND TYPE

H

BLOCK

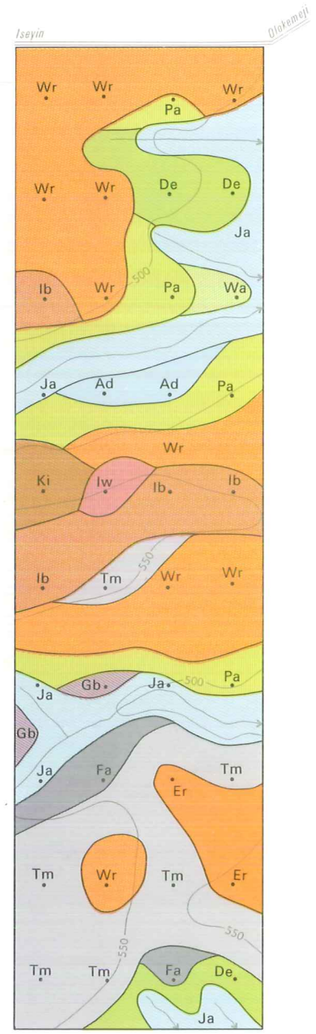


KEY TO SERIES

Ap	Apomu	Iw	Iwo
Ba	Balogun	Mn	Makun
Eg	Egbeda	Of	Ofiki
Ek	Ekiti	Ok	Okemessi
Fa	Fashola	Sb	Shabe
Gb	Gbemi	St	Shante
Ib	Ibadan	Tm	Temidire
Ir	Iregun	Wa	Wawa
Iv	Iwaji	Wr	Woro

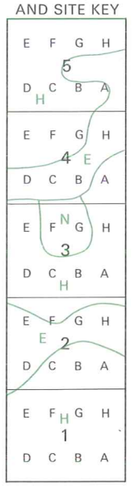
BLOCK 495

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Dejo	2	540
1B	Fashola	4	530
1C	Temidire	2	550
1D	Temidire	2	570
1E	Temidire	2	570
1F	Woro	1	560
1G	Temidire	2	540
1H	Eruwa	2	550
2A	Temidire	3	510
2B	Eruwa	2	520
2C	Fashola	2	540
2D	Jago	2	530
2E	Jago	2	520
2F	Gbemi	2	510
2G	Jago	2	500
2H	Pabiku	5	500
3A	Woro	2	530
3B	Woro	2	540
3C	Temidire	3	550
3D	Ibadan	1	560
3E	Kishi	10	540
3F	Iwo	5	550
3G	Ibadan	5	550
3H	Ibadan	4	550
4A	Pabiku	5	500
4B	Adio	1	490
4C	Adio	5	490
4D	Jago	8	480
4E	Ibadan	5	520
4F	Woro	4	500
4G	Pabiku	3	480
4H	Wawa	2	480
5A	Dejo	2	490
5B	Dejo	3	510
5C	Woro	2	530
5D	Woro	3	540
5E	Woro	4	500
5F	Woro	3	540
5G	Pabiku	3	520
5H	Woro	4	500



Air Photo CN-110 198 1:50,000 Sheet 240 SE

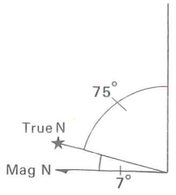
LAND FACETS AND SITE KEY



LAND TYPE

B··

BLOCK

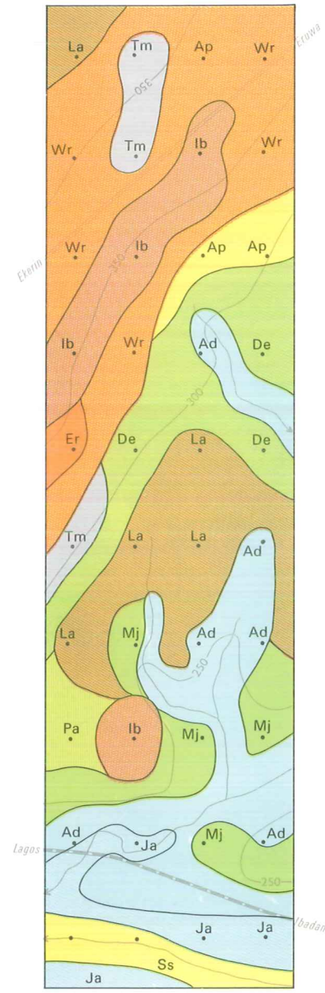


KEY TO SERIES

Ad	Adio	Ja	Jago
De	Dejo	Ki	Kishi
Er	Eruwa	Pa	Pabiku
Fa	Fashola	Tm	Temidire
Gb	Gbemi	Wa	Wawa
Ib	Ibadan	Wr	Woro
Iw	Iwo		

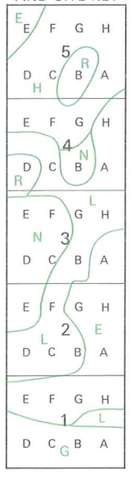
BLOCK 577

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Jago	0	240
1B	Jago	0	230
1C	Water	0	220
1D	Water	0	220
1E	Adio	2	240
1F	Jago	2	240
1G	Majeroku	2	240
1H	Adio	2	250
2A	Majeroku	1	240
2B	Majeroku	1	240
2C	Ibadan	2	260
2D	Pabiku	1	270
2E	Lanlate	1	280
2F	Majeroku	1	250
2G	Adio	1	250
2H	Adio	1	250
3A	Adio	1	260
3B	Lanlate	1	280
3C	Lanlate	1	280
3D	Temidire	3	300
3E	Eruwa	2	340
3F	Dejo	1	300
3G	Lanlate	2	290
3H	Dejo	2	280
4A	Dejo	2	290
4B	Adio	8	300
4C	Woro	3	330
4D	Ibadan	3	350
4E	Woro	2	360
4F	Ibadan	1	350
4G	Apomu	2	330
4H	Apomu	2	300
5A	Woro	2	350
5B	Ibadan	1	360
5C	Temidire	2	360
5D	Woro	3	350
5E	Lanlate	4	330
5F	Temidire	3	340
5G	Apomu	2	360
5H	Woro	2	370



Air Photo CN-74 171 1:50,000 Sheet 260 NE

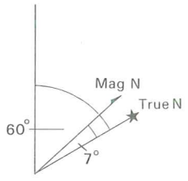
LAND FACETS AND SITE KEY



LAND TYPE

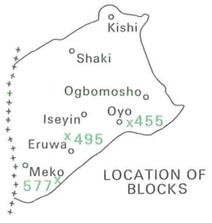
Q

BLOCK



KEY TO SERIES

Ad	Adio	La	Lanlate
Ap	Apomu	Mj	Majeroku
De	Dejo	Pa	Pabiku
Er	Eruwa	Ss	Shasha
Ib	Ibadan	Tm	Temidire
Ja	Jago	Wr	Woro



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

0 200 400 600 800 1000 Yards

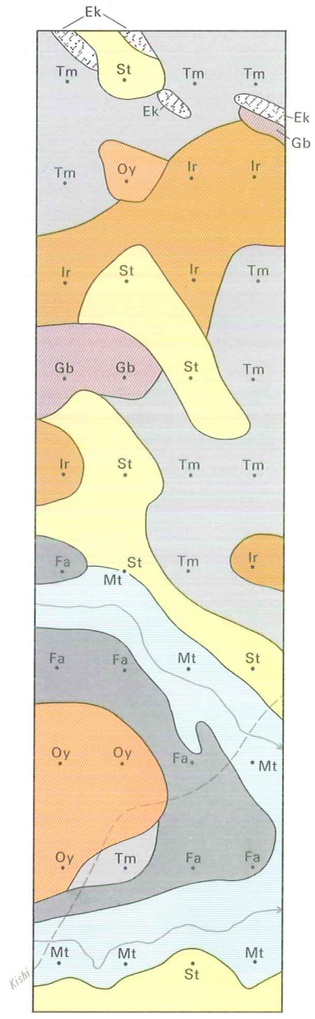
0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 004

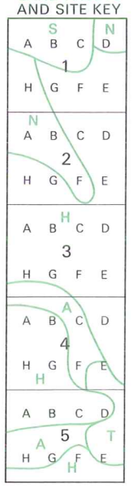
SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Temidire	3	
1B	Shante	4	
1C	Temidire	4	
1D	Temidire	3	
1E	Iregun	3	
1F	Iregun	3	
1G	Oyo	3	
1H	Temidire	3	
2A	Iregun	4	
2B	Shante	4	
2C	Iregun	3	
2D	Temidire	3	
2E	Temidire	3	
2F	Shante	4	
2G	Gbemi	3	
2H	Gbemi	3	
3A	Iregun	3	
3B	Shante	3	
3C	Temidire	3	
3D	Temidire	3	
3E	Iregun	3	
3F	Temidire	2	
3G	Shante/Matako	3	
3H	Fashola	3	
4A	Fashola	3	
4B	Fashola	2	
4C	Matako	2	
4D	Shante	2	
4E	Matako	2	
4F	Fashola	2	
4G	Oyo	2	
4H	Oyo	2	
5A	Oyo	2	
5B	Temidire	3	
5C	Fashola	3	
5D	Fashola	2	
5E	Matako	1	
5F	Shante	1	
5G	Matako	2	
5H	Matako	2	

No accurate height data available, probable range, 1400-1550 feet



Air Photo CN-162 95 1:50,000 Sheet 179 SE
Uncontoured

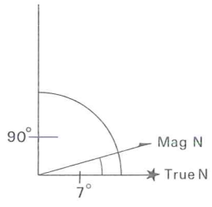
LAND FACETS AND SITE KEY



LAND TYPE

E

BLOCK



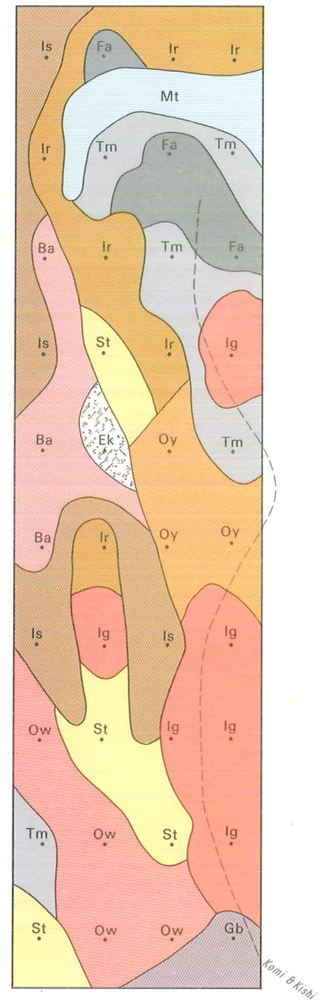
KEY TO SERIES

Ek	Ekiti	Mt	Matako
Fa	Fashola	Oy	Oyo
Gb	Gbemi	St	Shante
Ir	Iregun	Tm	Temidire

BLOCK 012

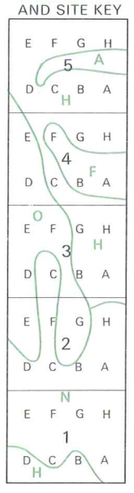
SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Gbemi	3	
1B	Owutu	3	
1C	Owutu	3	
1D	Shante	3	
1E	Temidire	3	
1F	Owutu	3	
1G	Shante	2	
1H	Igboho	2	
2A	Igboho	3	
2B	Igboho	3	
2C	Shante	2	
2D	Owutu	3	
2E	Iseyin	6	
2F	Igboho	3	
2G	Iseyin	4	
2H	Igboho	2	
3A	Oyo	3	
3B	Oyo	3	
3C	Iregun	2	
3D	Balogun	6	
3E	Balogun	5	
3F	Ekiti	8	
3G	Oyo	3	
3H	Temidire	2	
4A	Igboho	2	
4B	Iregun	3	
4C	Shante	4	
4D	Iseyin	15	
4E	Balogun	6	
4F	Iregun	2	
4G	Temidire	3	
4H	Fashola	3	
5A	Temidire	4	
5B	Fashola	3	
5C	Temidire	3	
5D	Iregun	2	
5E	Iseyin	12	
5F	Fashola	3	
5G	Iregun	3	
5H	Iregun	3	

No accurate height data available, probable range, 1400-1550 feet



Air Photo CN-81 140 1:50,000 Sheet 179 SE
Uncontoured

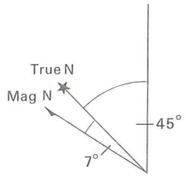
LAND FACETS AND SITE KEY



LAND TYPE

E

BLOCK

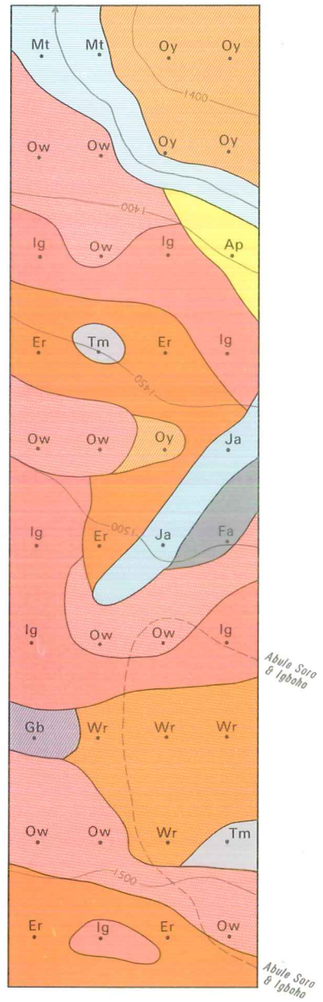


KEY TO SERIES

Ba	Balogum	Is	Iseyin
Ek	Ekiti	Mt	Matako
Fa	Fashola	Ow	Owutu
Gb	Gbemi	Oy	Oyo
Ig	Igboho	St	Shante
Ir	Iregun	Tm	Temidire

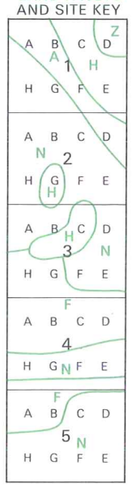
BLOCK 017

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Matako	3	1380
1B	Matako	1	1380
1C	Oyo	3	1410
1D	Oyo	2	1420
1E	Oyo	3	1390
1F	Oyo	5	1380
1G	Owutu	4	1380
1H	Owutu	2	1390
2A	Igboho	3	1420
2B	Owutu	3	1420
2C	Igboho	3	1410
2D	Apomu	3	1400
2E	Igboho	3	1430
2F	Eruwa	3	1440
2G	Temidire	3	1450
2H	Eruwa	3	1450
3A	Owutu	3	1490
3B	Owutu	3	1480
3C	Oyo	3	1470
3D	Jago	1	1460
3E	Fashola	3	1500
3F	Jago	1	1500
3G	Eruwa	3	1510
3H	Igboho	3	1530
4A	Igboho	2	1530
4B	Owutu	3	1520
4C	Owutu	3	1520
4D	Igboho	3	1520
4E	Woro	2	1540
4F	Woro	2	1540
4G	Woro	2	1540
4H	Gbemi	2	1540
5A	Owutu	2	1520
5B	Owutu	2	1520
5C	Woro	3	1520
5D	Temidire	3	1520
5E	Owutu	2	1480
5F	Eruwa	2	1480
5G	Igboho	3	1480
5H	Eruwa	3	1480



Air Photo CN-81 64 1:50,000 Sheet 200 NW

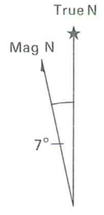
LAND FACETS AND SITE KEY



LAND TYPE

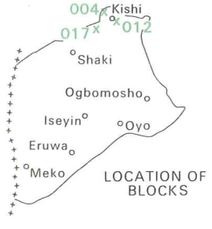
E

BLOCK



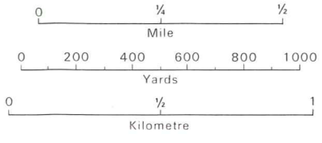
KEY TO SERIES

Ap	Apomu	Mt	Matako
Er	Eruwa	Ow	Owutu
Fa	Fashola	Oy	Oyo
Gb	Gbemi	Tm	Temidire
Ig	Igboho	Wr	Woro
Ja	Jago		



LOCATION OF BLOCKS

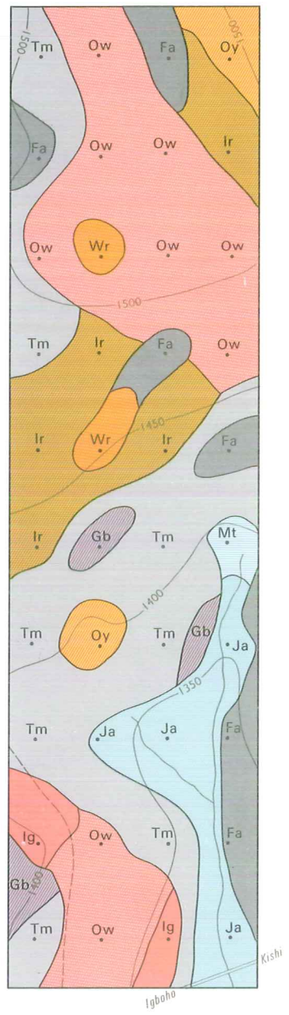
SCALE 1:20,000



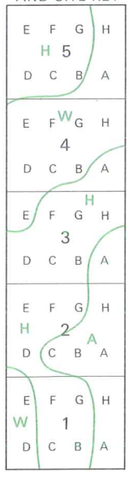
- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 018

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Jago	6	1320
1B	Igboho	3	1340
1C	Owutu	3	1370
1D	Temidire	3	1390
1E	Igboho	3	1400
1F	Owutu	4	1380
1G	Temidire	4	1350
1H	Fashola	7	1330
2A	Fashola	4	1340
2B	Jago	3	1340
2C	Jago	2	1360
2D	Temidire	3	1380
2E	Temidire	3	1410
2F	Oyo	3	1400
2G	Temidire	2	1380
2H	Jago	1	1360
3A	Matako	4	1390
3B	Temidire	3	1410
3C	Gbemi	3	1430
3D	Iregun	3	1440
3E	Iregun	3	1460
3F	Woro	5	1450
3G	Iregun	4	1440
3H	Fashola	4	1430
4A	Owutu	4	1470
4B	Fashola	4	1480
4C	Iregun	3	1480
4D	Temidire	3	1490
4E	Owutu	3	1520
4F	Woro	3	1530
4G	Owutu	3	1520
4H	Owutu	3	1510
5A	Iregun	4	1510
5B	Owutu	3	1530
5C	Owutu	4	1530
5D	Fashola	3	1510
5E	Temidire	4	1510
5F	Owutu	3	1520
5G	Fashola	3	1520
5H	Oyo	3	1510



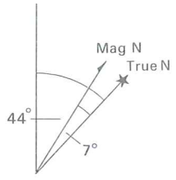
LAND FACETS AND SITE KEY



LAND TYPE

E

BLOCK



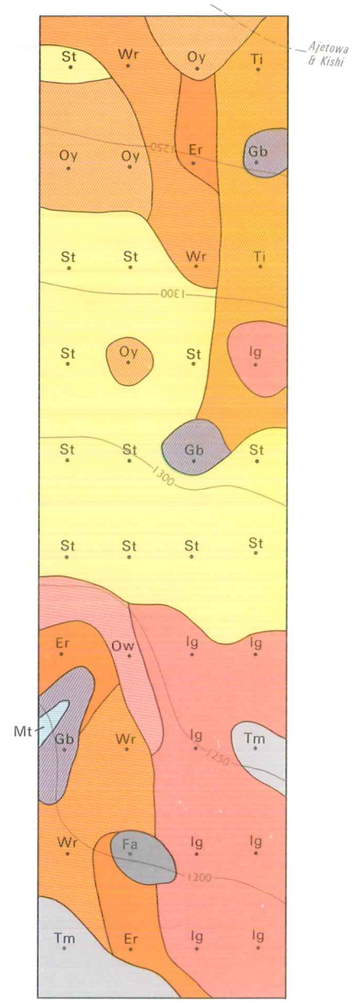
Air Photo CN-81 62 1:50,000 Sheet 200 NE

KEY TO SERIES

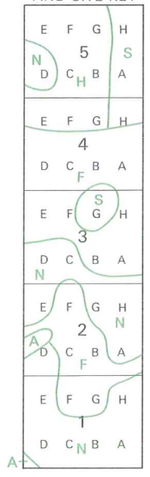
Fa	Fashola	Mt	Matako
Gb	Gbemi	Ow	Owutu
Ig	Igboho	Oy	Oyo
Ir	Iregun	Tm	Temidire
Ja	Jago	Wr	Woro

BLOCK 020

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Igboho	2	1180
1B	Igboho	4	1180
1C	Eruwa	5	1170
1D	Temidire	3	1170
1E	Woro	6	1200
1F	Fashola	5	1200
1G	Igboho	3	1210
1H	Igboho	2	1220
2A	Temidire	2	1260
2B	Igboho	2	1250
2C	Woro	3	1230
2D	Gbemi	4	1200
2E	Eruwa	4	1230
2F	Owutu	4	1240
2G	Igboho	2	1260
2H	Igboho	2	1270
3A	Shante	2	1280
3B	Shante	3	1270
3C	Shante	2	1260
3D	Shante	3	1260
3E	Shante	3	1300
3F	Shante	3	1300
3G	Gbemi	2	1310
3H	Shante	3	1320
4A	Igboho	3	1320
4B	Shante	3	1320
4C	Oyo	3	1320
4D	Shante	4	1330
4E	Shante	2	1290
4F	Shante	2	1290
4G	Woro	3	1290
4H	Titiale	5	1280
5A	Gbemi	4	1250
5B	Eruwa	4	1250
5C	Oyo	3	1250
5D	Oyo	3	1260
5E	Shante	3	1230
5F	Woro	3	1230
5G	Oyo	4	1220
5H	Titiale	5	1220



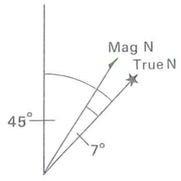
LAND FACETS AND SITE KEY



LAND TYPE

E

BLOCK



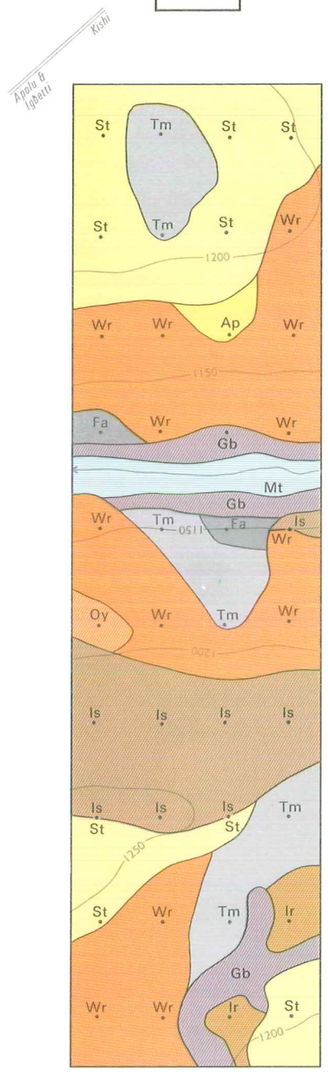
Air Photo CN-81 59 1:50,000 Sheet 200 NE

KEY TO SERIES

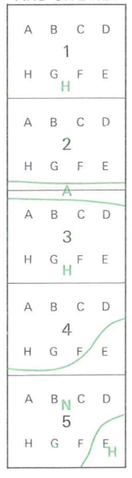
Er	Eruwa	Oy	Oyo
Fa	Fashola	St	Shante
Gb	Gbemi	Ti	Titiale
Ig	Igboho	Tm	Temidire
Mt	Matako	Wr	Woro
Ow	Owutu		

BLOCK 022

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Shante	2	1240
1B	Temidire	2	1230
1C	Shante	3	1220
1D	Shante	3	1210
1E	Woro	2	1210
1F	Shante	2	1220
1G	Temidire	3	1220
1H	Shante	3	1220
2A	Woro	3	1170
2B	Woro	3	1170
2C	Apomu	3	1170
2D	Woro	2	1170
2E	Woro	4	1130
2F	Gbemi	5	1130
2G	Woro	5	1130
2H	Fashola	4	1130
3A	Woro	2	1150
3B	Temidire	3	1150
3C	Fashola	3	1150
3D	Iseyin/Woro	3	1150
3E	Woro	3	1190
3F	Temidire	3	1190
3G	Woro	3	1190
3H	Oyo	3	1190
4A	Iseyin	3	1230
4B	Iseyin	2	1230
4C	Iseyin	2	1230
4D	Iseyin	2	1230
4E	Temidire	2	1230
4F	Iseyin/Shante	2	1240
4G	Iseyin	2	1260
4H	Iseyin/Shante	2	1260
5A	Shante	2	1240
5B	Woro	1	1230
5C	Temidire	1	1230
5D	Iregun	1	1230
5E	Shante	2	1210
5F	Iregun	2	1220
5G	Woro	1	1220
5H	Woro	2	1230



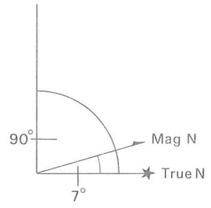
LAND FACETS AND SITE KEY



LAND TYPE

A

BLOCK



Air Photo CN-81 56 1:50,000 Sheet 201 NW

KEY TO SERIES

Ap	Apomu	Mt	Matako
Fa	Fashola	Oy	Oyo
Gb	Gbemi	St	Shante
Ir	Iregun	Tm	Temidire
Is	Iseyin	Wr	Woro

LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

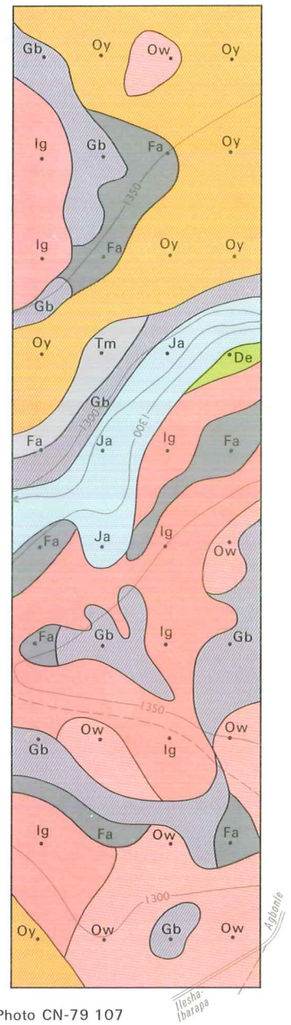
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

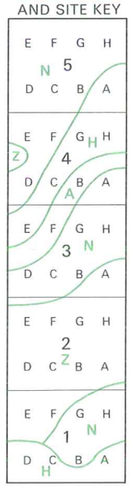
BLOCK 028

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Owutu	4	1280
1B	Gbemi	2	1280
1C	Owutu	2	1300
1D	Oyo	4	1280
1E	Igboho	3	1310
1F	Fashola	3	1320
1G	Owutu	4	1310
1H	Fashola	3	1310
2A	Owutu	4	1350
2B	Igboho	3	1340
2C	Owutu	1	1330
2D	Gbemi	7	1330
2E	Fashola	1	1340
2F	Gbemi	4	1350
2G	Igboho	1	1360
2H	Gbemi	2	1360
3A	Owutu	4	1360
3B	Igboho	3	1350
3C	Jago	2	1320
3D	Fashola	3	1290
3E	Fashola	1	1310
3F	Jago	1	1290
3G	Igboho	3	1330
3H	Fashola	2	1340
4A	Dejo	3	1310
4B	Jago	3	1290
4C	Temidire	2	1310
4D	Oyo	3	1320
4E	Igboho	2	1340
4F	Fashola	2	1330
4G	Oyo	3	1320
4H	Oyo	5	1320
5A	Oyo	1	1340
5B	Fashola	2	1350
5C	Gbemi	2	1360
5D	Igboho	1	1370
5E	Gbemi	2	1370
5F	Oyo	2	1370
5G	Owutu	2	1360
5H	Oyo	3	1360



Air Photo CN-79 107
1:50,000 Sheet 200 NW

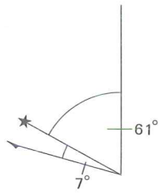
LAND FACETS AND SITE KEY



LAND TYPE

D

BLOCK

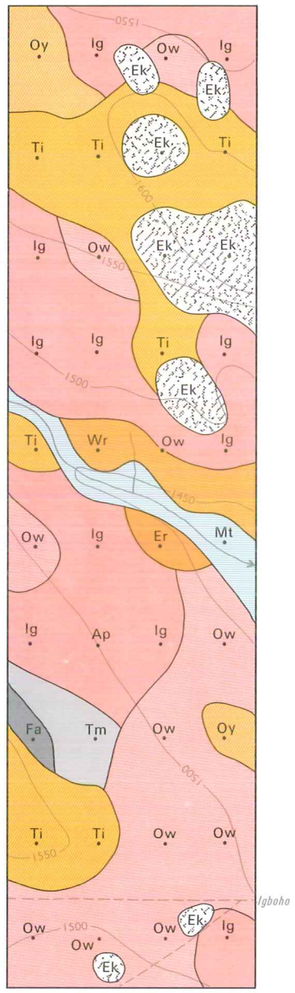


KEY TO SERIES

De	Dejo	Ja	Jago
Fa	Fashola	Ow	Owutu
Gb	Gbemi	Oy	Oyo
Ig	Igboho	Tm	Temidire

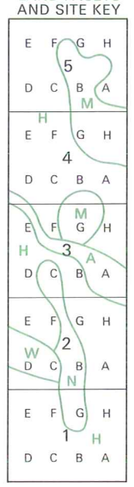
BLOCK 031

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Igboho	3	1510
1B	Owutu	2	1510
1C	Owutu	3	1500
1D	Owutu	2	1500
1E	Titiale	2	1560
1F	Titiale	3	1540
1G	Owutu	3	1520
1H	Owutu	3	1500
2A	Oyo	3	1480
2B	Owutu	4	1500
2C	Temidire	4	1530
2D	Fashola	3	1540
2E	Igboho	3	1530
2F	Apomu	3	1500
2G	Igboho	3	1480
2H	Owutu	3	1460
3A	Matako	6	1440
3B	Eruwa	5	1460
3C	Igboho	4	1480
3D	Owutu	4	1500
3E	Titiale	8	1460
3F	Woro	8	1460
3G	Owutu	7	1470
3H	Igboho	2	1490
4A	Igboho	2	1510
4B	Titiale	2	1520
4C	Igboho	3	1520
4D	Igboho	4	1500
4E	Igboho	3	1540
4F	Owutu	4	1550
4G	Ekiti	6	1580
4H	Ekiti	7	1630
5A	Titiale	5	1600
5B	Ekiti	4	1620
5C	Titiale	3	1590
5D	Titiale	5	1570
5E	Oyo	4	1570
5F	Igboho	3	1560
5G	Owutu	3	1560
5H	Igboho	7	1550



Air Photo CN-79 113 1:50,000 Sheet 200 NW

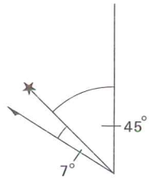
LAND FACETS AND SITE KEY



LAND TYPE

E··

BLOCK

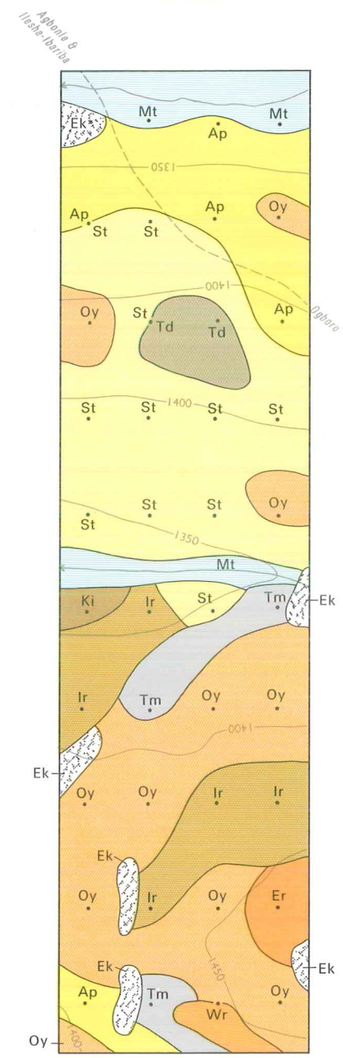


KEY TO SERIES

Ap	Apomu	Ow	Owutu
Ek	Ekiti	Oy	Oyo
Er	Eruwa	Ti	Titiale
Fa	Fashola	Tm	Temidire
Ig	Igboho	Wr	Woro
Mt	Matako		

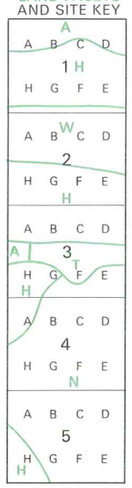
BLOCK 042

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Ekiti	4	1340
1B	Matako	4	1330
1C	Apomu	3	1330
1D	Matako	4	1330
1E	Oyo	3	1370
1F	Apomu	3	1370
1G	Shante	3	1370
1H	Apomu/Shante	3	1370
2A	Oyo	4	1410
2B	Shante/Tede	4	1410
2C	Tede	2	1420
2D	Apomu	3	1410
2E	Shante	1	1400
2F	Shante	2	1400
2G	Shante	2	1390
2H	Shante	2	1390
3A	Shante	3	1350
3B	Shante	3	1360
3C	Shante	2	1370
3D	Oyo	3	1370
3E	Temidire	3	1360
3F	Shante	3	1350
3G	Iregun	4	1340
3H	Kishi	4	1340
4A	Iregun	5	1380
4B	Temidire	4	1370
4C	Oyo	4	1380
4D	Oyo	2	1390
4E	Iregun	2	1430
4F	Iregun	1	1420
4G	Oyo	1	1420
4H	Oyo	1	1420
5A	Oyo	4	1430
5B	Iregun	4	1440
5C	Oyo	3	1440
5D	Eruwa	4	1460
5E	Oyo	4	1460
5F	Woro	3	1450
5G	Temidire	4	1430
5H	Apomu	4	1410



Air Photo CN-79 92 1:50,000 Sheet 200 NW

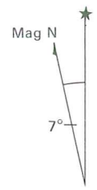
LAND FACETS AND SITE KEY



LAND TYPE

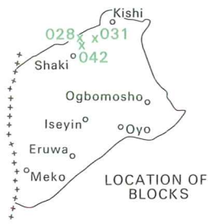
D

BLOCK



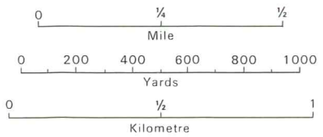
KEY TO SERIES

Ap	Apomu	Oy	Oyo
Ek	Ekiti	St	Shante
Er	Eruwa	Td	Tede
Ir	Iregun	Tm	Temidire
Ki	Kishi	Wr	Woro
Mt	Matako		



LOCATION OF BLOCKS

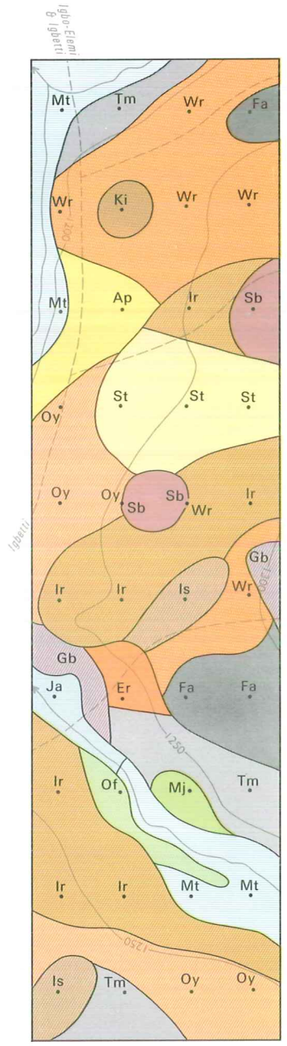
SCALE 1:20,000



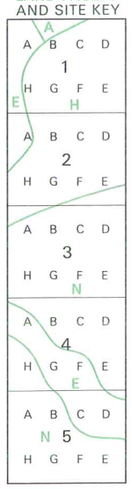
- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 051

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Matako	2	1180
1B	Temidire	10	1190
1C	Woro	3	1210
1D	Fashola	4	1230
1E	Woro	4	1260
1F	Woro	4	1240
1G	Kishi	4	1220
1H	Woro	3	1200
2A	Matako	1	1200
2B	Apomu	6	1220
2C	Iregun	4	1250
2D	Shabe	4	1270
2E	Shante	4	1270
2F	Shante	3	1250
2G	Shante	4	1230
2H	Oyo	5	1210
3A	Oyo	4	1230
3B	Shabe / Oyo	4	1260
3C	Shabe / Woro	4	1270
3D	Iregun	4	1280
3E	Woro	3	1300
3F	Iseyin	8	1280
3G	Iregun	2	1260
3H	Iregun	3	1240
4A	Jago	2	1230
4B	Eruwa	6	1240
4C	Fashola	5	1260
4D	Fashola	4	1280
4E	Temidire	3	1260
4F	Majeroku	3	1250
4G	Ofiki	0	1240
4H	Iregun	2	1250
5A	Iregun	2	1260
5B	Iregun	2	1240
5C	Matako	2	1240
5D	Matako	1	1240
5E	Oyo	2	1260
5F	Oyo	3	1270
5G	Temidire	4	1270
5H	Iseyin	4	1280



LAND FACETS AND SITE KEY

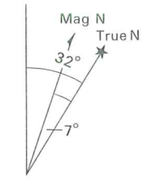


LAND TYPE

A–

Air Photo CN-79 75 1:50,000 Sheet 201 NW

BLOCK

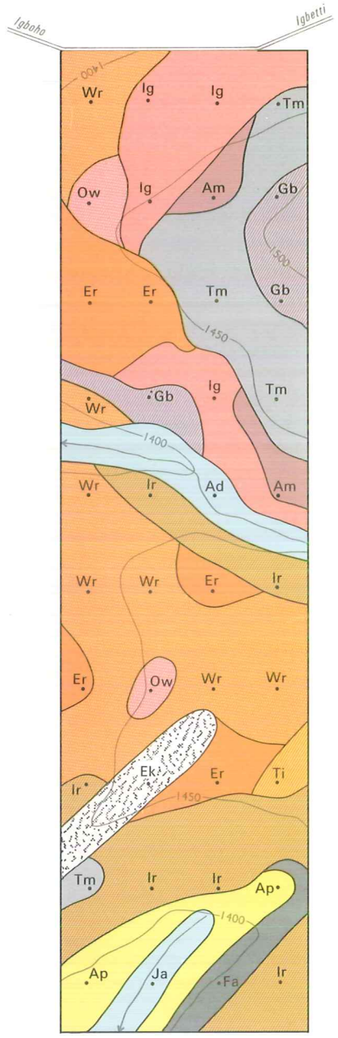


KEY TO SERIES

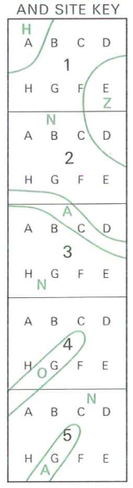
Ap	Apomu	Mj	Majeroku
Er	Eruwa	Mt	Matako
Fa	Fashola	Of	Ofiki
Gb	Gbemi	Oy	Oyo
Ir	Iregun	Sb	Shabe
Is	Iseyin	St	Shante
Ja	Jago	Tm	Temidire
Ki	Kishi	Wr	Woro

BLOCK 064

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	2	1410
1B	Igboho	2	1420
1C	Igboho	2	1430
1D	Temidire	3	1440
1E	Gbemi	8	1500
1F	Amodu	3	1470
1G	Igboho	3	1450
1H	Owutu	2	1430
2A	Eruwa	3	1430
2B	Eruwa	3	1440
2C	Temidire	4	1460
2D	Gbemi	5	1480
2E	Temidire	4	1450
2F	Igboho	3	1430
2G	Gbemi	5	1420
2H	Woro	3	1410
3A	Woro	3	1400
3B	Iregun	4	1400
3C	Adio	4	1400
3D	Amodu	4	1420
3E	Iregun	3	1460
3F	Eruwa	3	1460
3G	Woro	3	1460
3H	Woro	3	1440
4A	Eruwa	3	1430
4B	Owutu	3	1450
4C	Woro	3	1460
4D	Woro	3	1480
4E	Titiale	3	1460
4F	Eruwa	3	1460
4G	Ekiti	8	1460
4H	Iregun	3	1440
5A	Temidire	3	1430
5B	Iregun	3	1420
5C	Iregun	4	1410
5D	Apomu	3	1410
5E	Iregun	3	1430
5F	Fashola	3	1400
5G	Jago	2	1390
5H	Apomu	3	1400



LAND FACETS AND SITE KEY

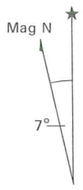


LAND TYPE

D

Air Photo CN-79 83 1:50,000 Sheet 200 NE

BLOCK

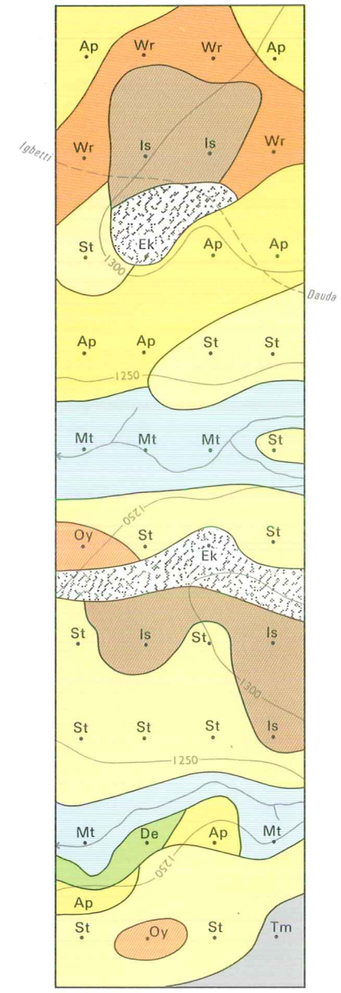


KEY TO SERIES

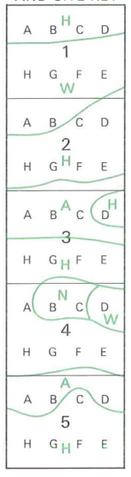
Ad	Adio	Ig	Igboho
Am	Amodu	Ir	Iregun
Ap	Apomu	Ja	Jago
Ek	Ekiti	Ow	Owutu
Er	Eruwa	Ti	Titiale
Fa	Fashola	Tm	Temidire
Gb	Gbemi	Wr	Woro

BLOCK 069

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Apomu	3	1260
1B	Woro	3	1270
1C	Woro	3	1280
1D	Apomu	3	1310
1E	Woro	2	1330
1F	Iseyin	3	1310
1G	Iseyin	7	1300
1H	Woro	4	1280
2A	Shante	1	1290
2B	Ekiti	2	1300
2C	Apomu	2	1300
2D	Apomu	2	1310
2E	Shante	2	1270
2F	Shante	3	1260
2G	Apomu	2	1270
2H	Apomu	4	1270
3A	Matako	7	1230
3B	Matako	3	1240
3C	Matako	6	1240
3D	Shante	7	1240
3E	Shante	3	1280
3F	Ekiti	2	1270
3G	Shante	2	1250
3H	Oyo	2	1240
4A	Shante	2	1250
4B	Iseyin	2	1270
4C	Shante	1	1300
4D	Iseyin	3	1310
4E	Iseyin	4	1290
4F	Shante	3	1280
4G	Shante	4	1270
4H	Shante	3	1250
5A	Matako	7	1230
5B	Dejo	2	1230
5C	Apomu	4	1240
5D	Matako	1	1240
5E	Temidire	3	1280
5F	Shante	4	1270
5G	Oyo	4	1260
5H	Shante	2	1260



LAND FACETS AND SITE KEY

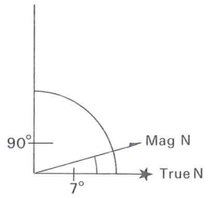


LAND TYPE

A··

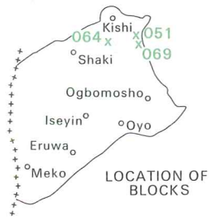
Air Photo CN-79 150 1:50,000 Sheet 201 NW

BLOCK



KEY TO SERIES

Ap	Apomu	Oy	Oyo
De	Dejo	St	Shante
Ek	Ekiti	Tm	Temidire
Is	Iseyin	Wr	Woro
Mt	Matako		



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

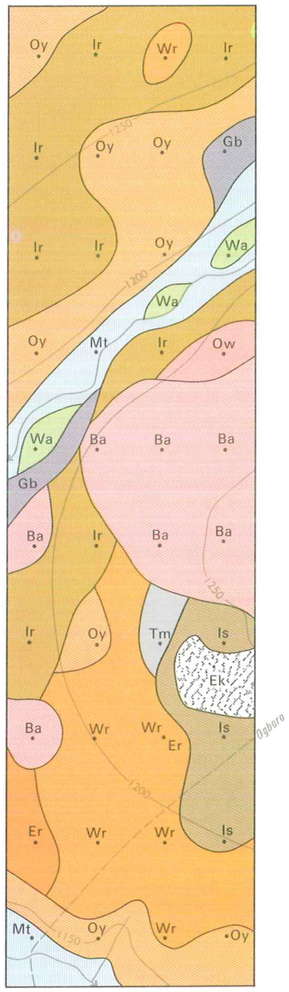
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

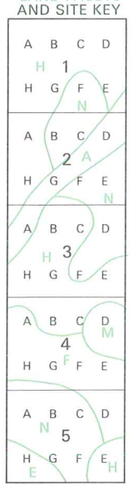
BLOCK 078

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Oyo	3	1290
1B	Iregun	3	1280
1C	Woro	3	1270
1D	Iregun	4	1260
1E	Gbemi	4	1230
1F	Oyo	4	1240
1G	Oyo	4	1250
1H	Iregun	4	1260
2A	Iregun	5	1230
2B	Iregun	3	1220
2C	Oyo	5	1200
2D	Wawa	0	1190
2E	Owutu	4	1210
2F	Iregun	4	1190
2G	Matako	2	1180
2H	Oyo	4	1200
3A	Wawa	6	1180
3B	Balogun	4	1200
3C	Balogun	4	1220
3D	Balogun	4	1240
3E	Balogun	3	1260
3F	Balogun	4	1240
3G	Iregun	4	1220
3H	Balogun	5	1200
4A	Iregun	3	1190
4B	Oyo	3	1220
4C	Temidire	2	1230
4D	Iseyin	2	1240
4E	Iseyin	2	1230
4F	Woro/Eruwa	3	1220
4G	Woro	3	1200
4H	Balogun	2	1180
5A	Eruwa	4	1170
5B	Woro	2	1180
5C	Woro	4	1190
5D	Iseyin	5	1200
5E	Oyo	5	1170
5F	Woro	6	1160
5G	Oyo	5	1150
5H	Matako	7	1150



Air Photo CN-82 43 1:50,000 Sheet 200 SW

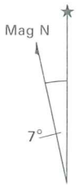
LAND FACETS AND SITE KEY



LAND TYPE

D··

BLOCK

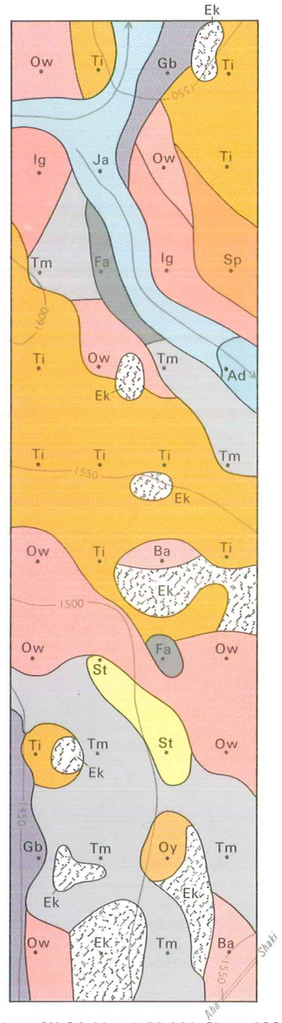


KEY TO SERIES

Ba	Balogun	Mt	Matako
Ek	Ekiti	Ow	Owutu
Er	Eruwa	Oy	Oyo
Gb	Gbemi	Tm	Temidire
Ir	Iregun	Wa	Wawa
Is	Iseyin	Wr	Woro

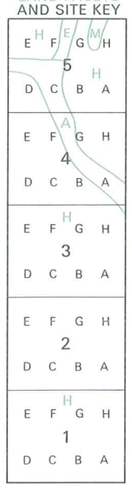
BLOCK 118

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Balogun	3	1550
1B	Temidire	3	1520
1C	Ekiti	5	1480
1D	Owutu	3	1460
1E	Gbemi	4	1460
1F	Temidire	3	1480
1G	Oyo	3	1510
1H	Temidire	3	1530
2A	Owutu	3	1530
2B	Shante	3	1510
2C	Temidire	3	1480
2D	Titiale	3	1450
2E	Owutu	4	1470
2F	Shante	3	1480
2G	Fashola	3	1520
2H	Owutu	3	1530
3A	Titiale	3	1540
3B	Balogun	3	1530
3C	Titiale	3	1520
3D	Owutu	3	1520
3E	Titiale	3	1550
3F	Titiale	2	1550
3G	Titiale	3	1560
3H	Temidire	3	1570
4A	Adio	1	1560
4B	Temidire	2	1570
4C	Owutu	2	1570
4D	Titiale	3	1600
4E	Temidire	3	1600
4F	Fashola	2	1570
4G	Igboho	2	1570
4H	Shepeteri	2	1580
5A	Titiale	2	1580
5B	Owutu	2	1580
5C	Jago	1	1570
5D	Igboho	2	1580
5E	Owutu	3	1570
5F	Titiale	3	1560
5G	Gbemi	3	1540
5H	Titiale	3	1560



Air Photo CN-84 41 1:50,000 Sheet 199 SE

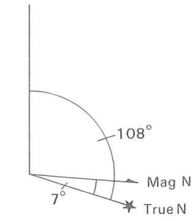
LAND FACETS AND SITE KEY



LAND TYPE

L

BLOCK

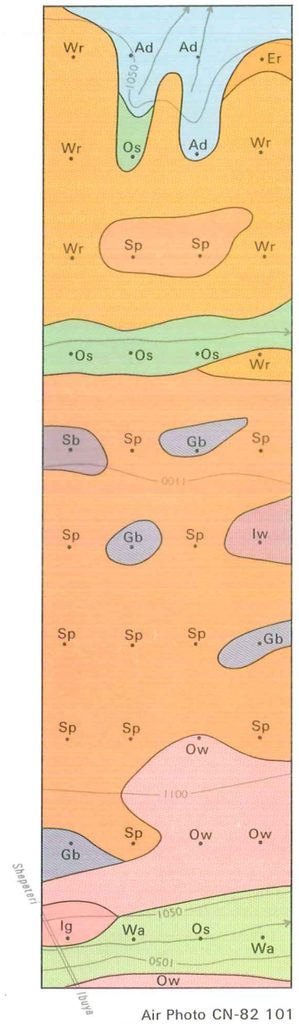


KEY TO SERIES

Ad	Adio	Ow	Owutu
Ba	Balogun	Oy	Oyo
Ek	Ekiti	Sp	Shepeteri
Fa	Fashola	St	Shante
Gb	Gbemi	Ti	Titiale
Ig	Igboho	Tm	Temidire
Ja	Jago		

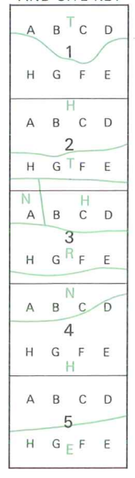
BLOCK 123

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	3	1060
1B	Adio	6	1050
1C	Adio	8	1030
1D	Eruwa	5	1060
1E	Woro	2	1070
1F	Adio	4	1060
1G	Oshe	5	1060
1H	Woro	2	1070
2A	Woro	2	1070
2B	Shepeteri	2	1070
2C	Shepeteri	3	1070
2D	Woro	4	1070
2E	Woro	7	1060
2F	Oshe	2	1060
2G	Oshe	0	1060
2H	Oshe	0	1060
3A	Shabe	6	1090
3B	Shepeteri	4	1080
3C	Gbemi	5	1080
3D	Shepeteri	5	1080
3E	Iwo	3	1110
3F	Shepeteri	3	1110
3G	Gbemi	2	1110
3H	Shepeteri	2	1110
4A	Shepeteri	1	1130
4B	Shepeteri	1	1130
4C	Shepeteri	1	1130
4D	Gbemi	1	1130
4E	Shepeteri	2	1110
4F	Owutu	2	1110
4G	Shepeteri	2	1110
4H	Shepeteri	2	1110
5A	Gbemi	3	1070
5B	Shepeteri	1	1070
5C	Owutu	2	1070
5D	Owutu	2	1070
5E	Wawa	2	1040
5F	Oshe	0	1040
5G	Wawa	0	1040
5H	Igboho	6	1040



Air Photo CN-82 101
1:50,000 Sheet 200 SW

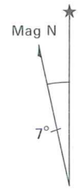
LAND FACETS AND SITE KEY



LAND TYPE

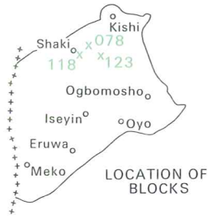
K

BLOCK



KEY TO SERIES

Ad	Adio	Ow	Owutu
Er	Eruwa	Sb	Shabe
Gb	Gbemi	Sp	Shepeteri
Ig	Igboho	Wa	Wawa
Iw	Iwo	Wr	Woro
Os	Oshe		



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

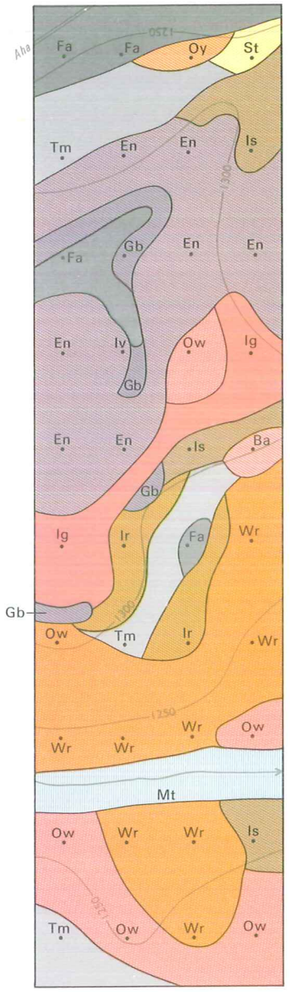
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 144

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Fashola	6	1250
1B	Fashola	5	1250
1C	Oyo	3	1260
1D	Shante	3	1270
1E	Iseyin	11	1270
1F	Erinoke	12	1320
1G	Erinoke	3	1300
1H	Temidire	2	1280
2A	Fashola	2	1310
2B	Gbemi	3	1320
2C	Erinoke	6	1310
2D	Erinoke	3	1280
2E	Igboho	5	1300
2F	Owutu	5	1310
2G	Iwaji	4	1320
2H	Erinoke	3	1330
3A	Erinoke	4	1330
3B	Erinoke	3	1320
3C	Iseyin	2	1310
3D	Balogun	3	1300
3E	Woro	3	1270
3F	Fashola	3	1290
3G	Iregun	3	1300
3H	Igboho	3	1310
4A	Owutu	3	1300
4B	Temidire	3	1300
4C	Iregun	2	1270
4D	Woro	2	1260
4E	Owutu	2	1240
4F	Woro	2	1250
4G	Woro	2	1250
4H	Woro	2	1250
5A	Owutu	6	1240
5B	Woro	5	1230
5C	Woro	5	1230
5D	Iseyin	4	1240
5E	Owutu	5	1270
5F	Woro	5	1260
5G	Owutu	4	1240
5H	Temidire	4	1260



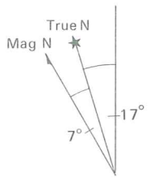
Air Photo CN-84 46 1:50,000 Sheet 200 SW

LAND FACETS AND SITE KEY

LAND TYPE

K

BLOCK

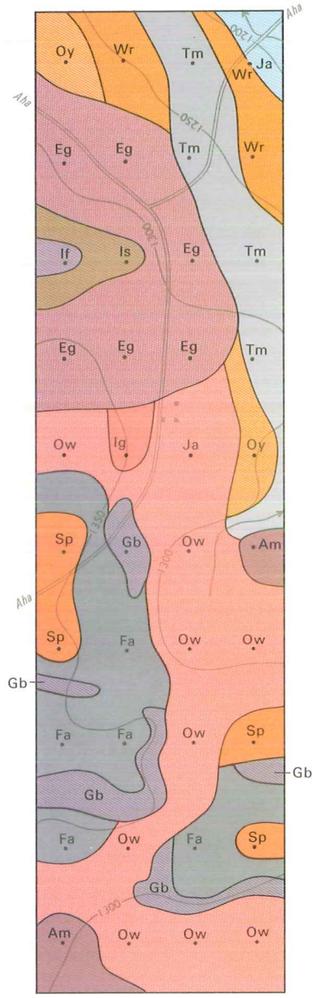


KEY TO SERIES

Ba	Balogun	Iv	Iwaji
En	Erinoke	Mt	Matako
Fa	Fashola	Ow	Owutu
Gb	Gbemi	Oy	Oyo
Ig	Igboho	St	Shante
Ir	Iregun	Tm	Temidire
Is	Iseyin	Wr	Woro

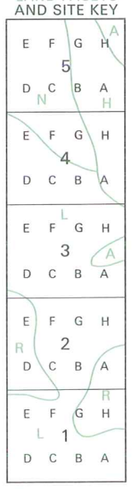
BLOCK 145

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Owutu	4	1280
1B	Owutu	3	1280
1C	Owutu	2	1280
1D	Amodu	1	1300
1E	Fashola	3	1340
1F	Owutu	2	1340
1G	Fashola	4	1330
1H	Shepeteri	1	1320
2A	Shepeteri	2	1320
2B	Owutu	10	1340
2C	Fashola	1	1350
2D	Fashola	0	1360
2E	Shepeteri	1	1350
2F	Fashola	2	1330
2G	Owutu	2	1290
2H	Owutu	3	1290
3A	Amodu	2	1280
3B	Owutu	16	1290
3C	Gbemi	6	1330
3D	Shepeteri	3	1360
3E	Owutu	4	1370
3F	Igboho	1	1350
3G	Jago	2	1330
3H	Oyo	3	1300
4A	Temidire	4	1320
4B	Egbeda	2	1330
4C	Egbeda	3	1340
4D	Egbeda	3	1350
4E	Ife	3	1330
4F	Iseyin	6	1310
4G	Egbeda	4	1290
4H	Temidire	2	1270
5A	Woro	6	1240
5B	Temidire	3	1260
5C	Egbeda	5	1280
5D	Egbeda	3	1300
5E	Oyo	4	1270
5F	Woro	2	1250
5G	Temidire	1	1230
5H	Jago/Woro	3	1200



Air Photo CN-82 112 1:50,000 Sheet 200 SW

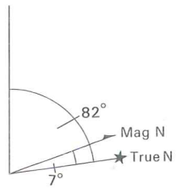
LAND FACETS AND SITE KEY



LAND TYPE

K

BLOCK

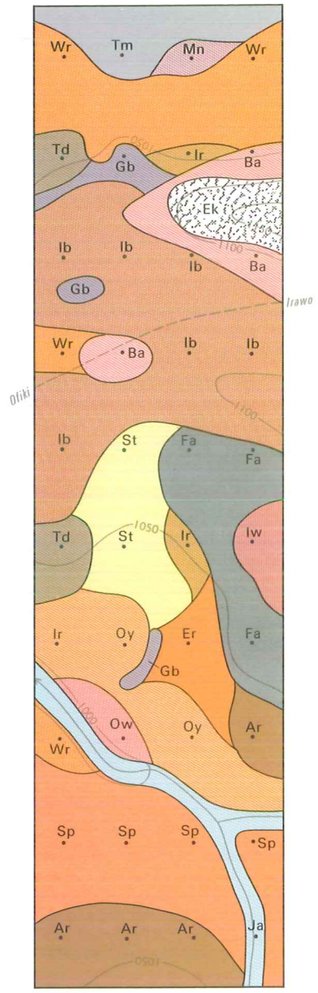


KEY TO SERIES

Am	Amodu	Ja	Jago
Eg	Egbeda	Ow	Owutu
Fa	Fashola	Oy	Oyo
Gb	Gbemi	Sp	Shepeteri
If	Ife	Tm	Temidire
Ig	Igboho	Wr	Woro
Is	Iseyin		

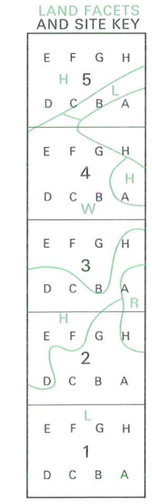
BLOCK 165

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Jago	2	1030
1B	Araromi	2	1040
1C	Araromi	0	1040
1D	Araromi	1	1030
1E	Shepeteri	1	1020
1F	Shepeteri	2	1020
1G	Shepeteri	1	1020
1H	Shepeteri	3	1010
2A	Araromi	3	1040
2B	Oyo	1	1030
2C	Owutu	5	1010
2D	Woro	5	1000
2E	Iregun	5	1020
2F	Oyo	4	1030
2G	Eruwa	3	1040
2H	Fashola	5	1060
3A	Iwo	1	1060
3B	Iregun	2	1050
3C	Shante	2	1050
3D	Tede	2	1050
3E	Ibadan	3	1060
3F	Shante	2	1070
3G	Fashola	2	1080
3H	Fashola	1	1090
4A	Ibadan	2	1090
4B	Ibadan	2	1080
4C	Balogun	2	1070
4D	Woro	3	1070
4E	Ibadan	3	1070
4F	Ibadan	4	1080
4G	Ibadan	3	1090
4H	Balogun	6	1100
5A	Balogun	2	1050
5B	Iregun	3	1050
5C	Gbemi	8	1050
5D	Tede	6	1050
5E	Woro	4	1030
5F	Temidire	2	1030
5G	Makun	3	1030
5H	Woro	3	1030



Air Photo CN-84 100 1:50,000 Sheet 220 NE

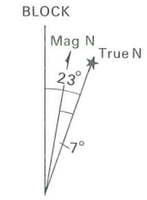
LAND FACETS AND SITE KEY



LAND TYPE

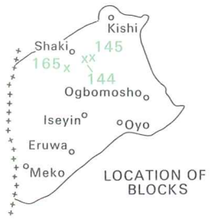
D

BLOCK



KEY TO SERIES

Ar	Araromi	Ja	Jago
Ba	Balogun	Mn	Makun
Ek	Ekiti	Ow	Owutu
Er	Eruwa	Oy	Oyo
Fa	Fashola	Sp	Shepeteri
Gb	Gbemi	St	Shante
Ib	Ibadan	Td	Tede
Ir	Iregun	Tm	Temidire
Iw	Iwo	Wr	Woro



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

0 200 400 600 800 1000 Yards

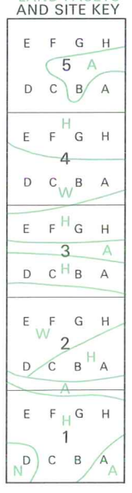
0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 177

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Apomu	5	1250
1B	Kishi	6	1260
1C	Woro	4	1280
1D	Woro	3	1310
1E	Woro	2	1290
1F	Shante	3	1270
1G	Woro	4	1260
1H	Woro	3	1260
2A	Shante	5	1260
2B	Apomu	5	1260
2C	Fashola	6	1260
2D	Temidire	4	1280
2E	Temidire	3	1320
2F	Temidire	2	1310
2G	Temidire	2	1300
2H	Woro	4	1290
3A	Woro	2	1280
3B	Woro	3	1290
3C	Temidire	2	1300
3D	Oba	2	1310
3E	Temidire	3	1280
3F	Oyo	4	1280
3G	Apomu	2	1270
3H	Shante	1	1270
4A	Eruwa	3	1310
4B	Iregun	1	1310
4C	Iregun	2	1310
4D	Temidire	0	1320
4E	Shante	2	1300
4F	Iregun	4	1290
4G	Gbemi	2	1290
4H	Iregun	2	1280
5A	Shante	3	1240
5B	Matako	1	1240
5C	Apomu	3	1250
5D	Gbemi	3	1270
5E	Iregun	1	1270
5F	Iregun	2	1260
5G	Shante	2	1250
5H	Apomu	1	1240

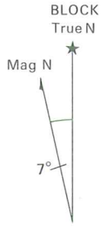
LAND FACETS AND SITE KEY

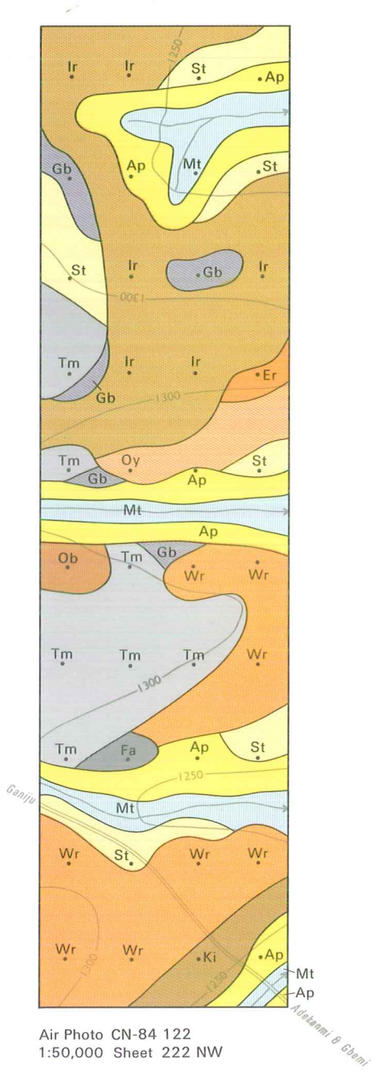


LAND TYPE

A

BLOCK





Air Photo CN-84 122
1:50,000 Sheet 222 NW

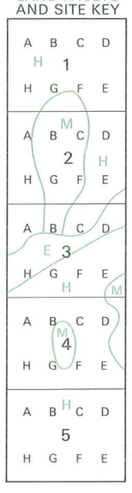
KEY TO SERIES

Ap	Apomu	Mt	Matako
Er	Eruwa	Ob	Oba
Fa	Fashola	Oy	Oyo
Gb	Gbemi	St	Shante
Ir	Iregun	Tm	Temidire
Ki	Kishi	Wr	Woro

BLOCK 191

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Titiale	3	1110
1B	Titiale / Shante	3	1120
1C	Shante	2	1130
1D	Shante	3	1140
1E	Shante	1	1180
1F	Apomu	1	1160
1G	Titiale	2	1130
1H	Woro	3	1120
2A	Woro / Iregun	6	1150
2B	Ekiti	32	1250
2C	Ekiti	36	1160
2D	Titiale	2	1170
2E	Titiale	2	1140
2F	Ekiti	12	1140
2G	Ekiti	25	1150
2H	Woro	4	1140
3A	Shante	4	1080
3B	Ekiti	12	1120
3C	Titiale	4	1100
3D	Matako	2	1070
3E	Shante	2	1140
3F	Shante	3	1130
3G	Shante	3	1080
3H	Matako	4	1070
4A	Shante	4	1130
4B	Titiale	10	1150
4C	Titiale / Iregun	2	1180
4D	Titiale	3	1190
4E	Shante	1	1190
4F	Oyo	2	1180
4G	Titiale / Oyo	3	1170
4H	Titiale	3	1140
5A	Shante	5	1140
5B	Shante	5	1160
5C	Shante	4	1170
5D	Oyo / Apomu	2	1170
5E	Woro	4	1140
5F	Oyo	1	1160
5G	Titiale	5	1140
5H	Titiale	4	1120

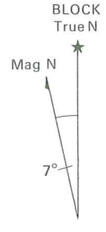
LAND FACETS AND SITE KEY

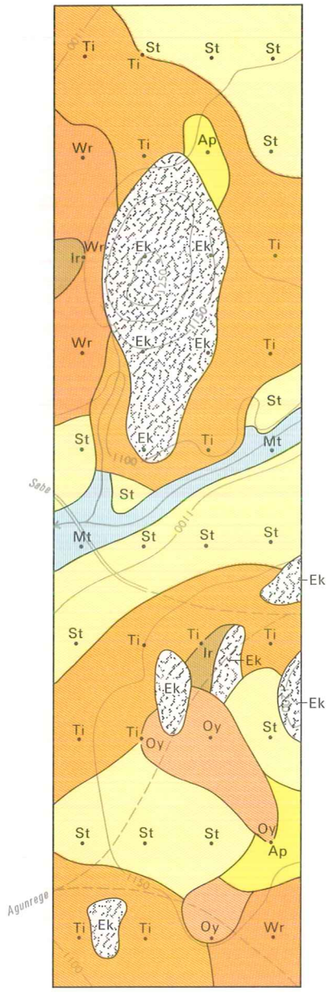


LAND TYPE

D··

BLOCK





Air Photo CN-83 36 1:50,000 Sheet 220 NE

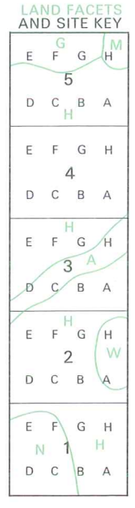
KEY TO SERIES

Ap	Apomu	Oy	Oyo
Ek	Ekiti	St	Shante
Ir	Iregun	Ti	Titiale
Mt	Matako	Wr	Woro

BLOCK 197

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Oyo	3	1030
1B	Oyo	3	1040
1C	Fashola	3	1060
1D	Shante	3	1070
1E	Apomu	2	1070
1F	Oyo	3	1060
1G	Shante	3	1060
1H	Temidire	3	1050
2A	Oyo	3	1070
2B	Oyo	3	1070
2C	Temidire	3	1080
2D	Temidire	3	1070
2E	Oyo	4	1050
2F	Shante	3	1060
2G	Oyo	3	1060
2H	Temidire	3	1060
3A	Oyo	4	1020
3B	Oyo	3	1020
3C	Gbemi	4	1030
3D	Temidire	3	1030
3E	Fashola	3	1060
3F	Gbemi	3	1050
3G	Shante	4	1030
3H	Jago	3	1000
4A	Ekiti	4	1040
4B	Ekiti	5	1040
4C	Shante	3	1040
4D	Shante	3	1050
4E	Fashola	3	1030
4F	Shante	3	1020
4G	Shante	3	1000
4H	Temidire	3	1000
5A	Shante	3	980
5B	Shante	3	980
5C	Fashola	3	1000
5D	Shante	3	1010
5E	Shante	4	960
5F	Wawa	3	970
5G	Wawa	2	970
5H	Ekiti	1	980

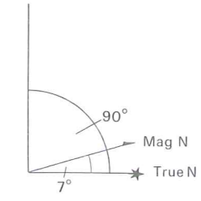
LAND FACETS AND SITE KEY

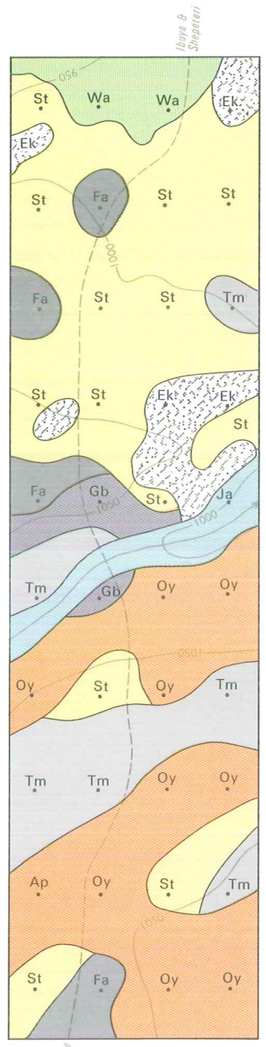


LAND TYPE

A

BLOCK

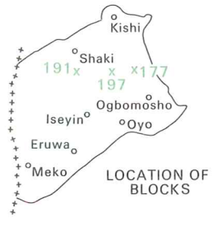




Air Photo CN-83 24
1:50,000 Sheet 221 NE

KEY TO SERIES

Ap	Apomu	Oy	Oyo
Ek	Ekiti	St	Shante
Fa	Fashola	Tm	Temidire
Gb	Gbemi	Wa	Wawa
Ja	Jago		



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

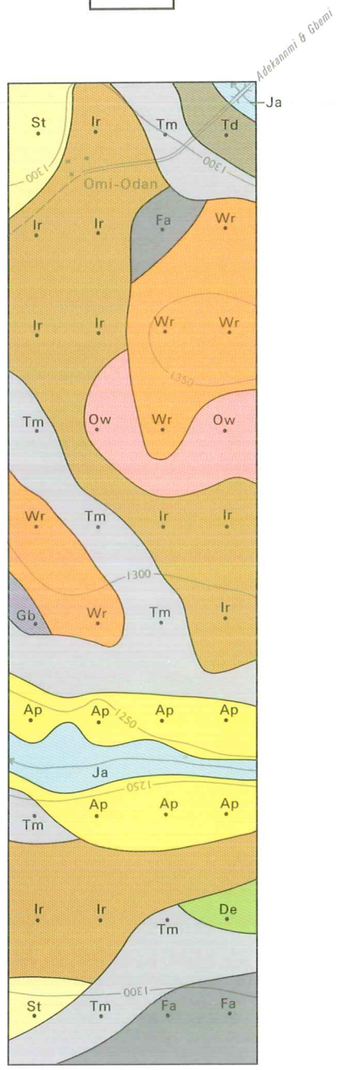
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

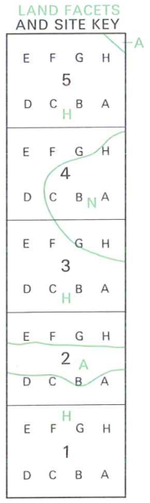
- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 201

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Fashola	4	1310
1B	Fashola	3	1310
1C	Temidire	3	1320
1D	Shante	1	1320
1E	Iregun	0	1270
1F	Iregun	1	1270
1G	Temidire	1	1270
1H	Dejo	2	1270
2A	Apomu	4	1260
2B	Apomu	2	1260
2C	Apomu	4	1260
2D	Temidire	3	1260
2E	Apomu	3	1240
2F	Apomu	2	1240
2G	Apomu	4	1260
2H	Apomu	3	1260
3A	Iregun	4	1290
3B	Temidire	2	1290
3C	Woro	4	1280
3D	Gbemi	5	1270
3E	Woro	5	1310
3F	Temidire	5	1320
3G	Iregun	1	1320
3H	Iregun	6	1330
4A	Owutu	4	1340
4B	Woro	1	1330
4C	Owutu	4	1320
4D	Temidire	3	1310
4E	Iregun	5	1320
4F	Iregun	6	1340
4G	Woro	2	1350
4H	Woro	2	1360
5A	Woro	2	1330
5B	Fashola	3	1330
5C	Iregun	1	1330
5D	Iregun	2	1310
5E	Shante	3	1290
5F	Iregun	2	1310
5G	Temidire	2	1300
5H	Tede	5	1290



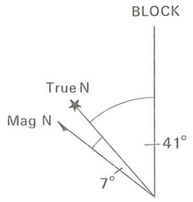
LAND FACETS AND SITE KEY



LAND TYPE

A+

Air Photo CN-83 17 1:50,000 Sheet 222 NW

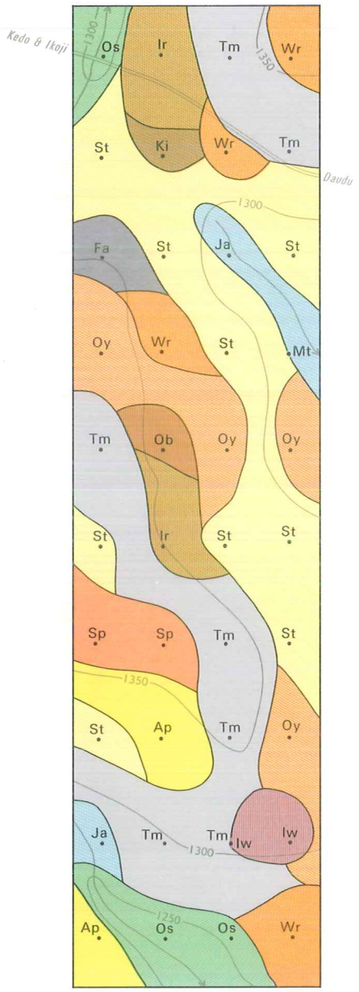


KEY TO SERIES

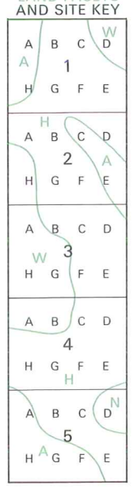
Ap	Apomu	Ow	Owutu
De	Dejo	St	Shante
Fa	Fashola	Td	Tede
Gb	Gbemi	Tm	Temidire
Ir	Iregun	Wr	Woro
Ja	Jago		

BLOCK 203

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Oshe	6	1300
1B	Iregun	2	1310
1C	Temidire	3	1340
1D	Woro	3	1360
1E	Temidire	4	1330
1F	Woro	3	1320
1G	Kishi	3	1320
1H	Shante	2	1310
2A	Fashola	3	1350
2B	Shante	4	1330
2C	Jago	5	1290
2D	Shante	5	1290
2E	Matako	4	1280
2F	Shante	6	1310
2G	Woro	5	1340
2H	Oyo	4	1360
3A	Temidire	2	1360
3B	Oba	3	1340
3C	Oyo	3	1320
3D	Oyo	4	1290
3E	Shante	1	1310
3F	Shante	2	1330
3G	Iregun	2	1350
3H	Shante	2	1360
4A	Shepeteri	2	1360
4B	Shepeteri	2	1360
4C	Temidire	2	1360
4D	Shante	1	1340
4E	Oyo	1	1340
4F	Temidire	0	1360
4G	Apomu	4	1340
4H	Shante	4	1330
5A	Jago	3	1280
5B	Temidire	3	1300
5C	Temidire/Iwo	3	1310
5D	Iwo	2	1310
5E	Woro	2	1280
5F	Oshe	0	1250
5G	Oshe	2	1240
5H	Apomu	3	1250



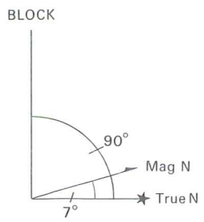
LAND FACETS AND SITE KEY



LAND TYPE

A+

Air Photo CN-87 20 1:50,000 Sheet 222 NW

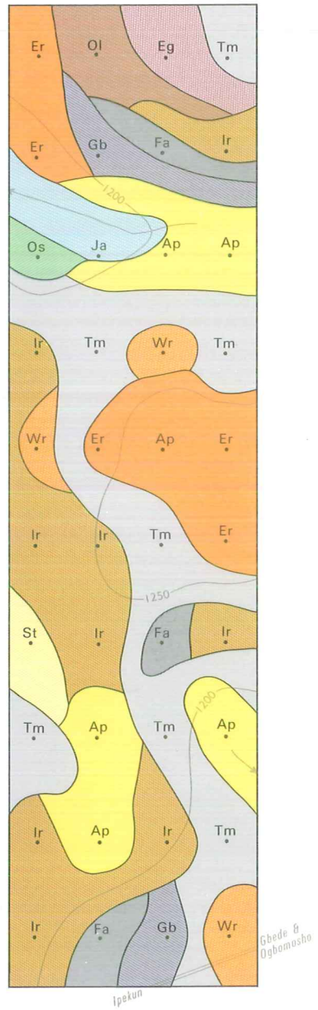


KEY TO SERIES

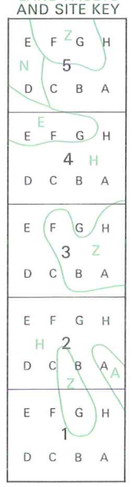
Ap	Apomu	Ob	Oba
Fa	Fashola	Os	Oshe
Ir	Iregun	Oy	Oyo
Iw	Iwo	Sp	Shepeteri
Ja	Jago	St	Shante
Ki	Kishi	Tm	Temidire
Mt	Matako	Wr	Woro

BLOCK 233

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	2	1180
1B	Gbemi	2	1190
1C	Fashola	2	1190
1D	Iregun	2	1200
1E	Iregun	1	1210
1F	Apomu	1	1210
1G	Iregun	2	1200
1H	Temidire	2	1190
2A	Apomu	3	1190
2B	Temidire	4	1200
2C	Apomu	2	1220
2D	Temidire	1	1220
2E	Shante	1	1230
2F	Iregun	1	1230
2G	Fashola	1	1230
2H	Iregun	3	1230
3A	Eruwa	3	1260
3B	Temidire	1	1260
3C	Iregun	1	1250
3D	Iregun	2	1240
3E	Woro	1	1230
3F	Eruwa	1	1250
3G	Apomu	1	1260
3H	Eruwa	1	1260
4A	Temidire	1	1240
4B	Woro	2	1240
4C	Temidire	2	1220
4D	Iregun	4	1220
4E	Oshe	4	1180
4F	Jago	0	1190
4G	Apomu	3	1200
4H	Apomu	1	1210
5A	Iregun	2	1220
5B	Fashola	1	1210
5C	Gbemi	2	1200
5D	Eruwa	2	1200
5E	Eruwa	1	1210
5F	Olorunda	1	1230
5G	Egbeda	3	1230
5H	Temidire	2	1240



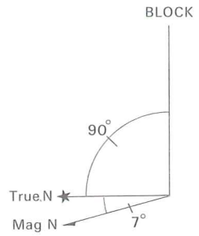
LAND FACETS AND SITE KEY



LAND TYPE

A

Air Photo CN-87 119 1:50,000 Sheet 222 NE



KEY TO SERIES

Ap	Apomu	Ja	Jago
Eg	Egbeda	Ol	Olorunda
Er	Eruwa	Os	Oshe
Fa	Fashola	St	Shante
Gb	Gbemi	Tm	Temidire
Ir	Iregun	Wr	Woro

LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

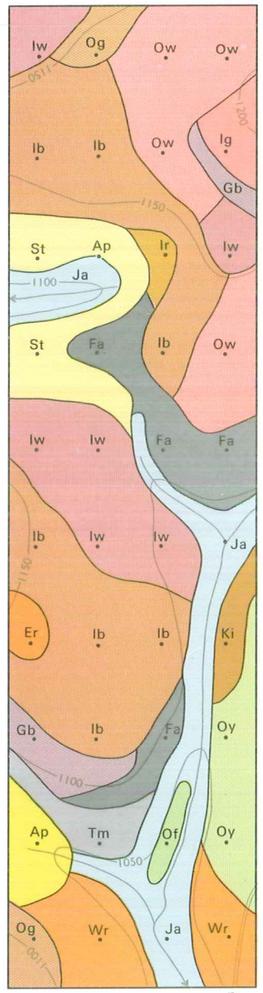
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

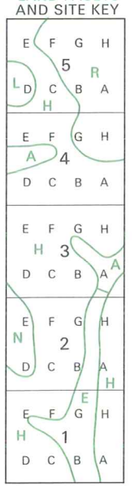
- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 249

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	3	1060
1B	Jago	0	1030
1C	Woro	5	1060
1D	Ogboro	6	1090
1E	Apomu	5	1050
1F	Temidire	6	1060
1G	Ofiki	2	1050
1H	Oyo	6	1060
2A	Oyo	6	1060
2B	Fashola	4	1090
2C	Ibadan	5	1120
2D	Gbemi	6	1110
2E	Eruwa	4	1110
2F	Ibadan	3	1120
2G	Ibadan	3	1110
2H	Kishi	26	1080
3A	Jago	1	1080
3B	Iwo	4	1100
3C	Iwo	4	1120
3D	Ibadan	2	1150
3E	Iwo	2	1140
3F	Iwo	3	1130
3G	Fashola	4	1110
3H	Fashola	3	1110
4A	Owutu	3	1140
4B	Ibadan	4	1130
4C	Fashola	4	1120
4D	Shante	3	1110
4E	Shante	3	1110
4F	Apomu /Jago	4	1130
4G	Iregun	4	1140
4H	Iwo	3	1160
5A	Igboho	1	1190
5B	Owutu	1	1170
5C	Ibadan	1	1170
5D	Ibadan	2	1160
5E	Iwo	3	1140
5F	Ogboro	3	1160
5G	Owutu	2	1180
5H	Owutu	0	1190



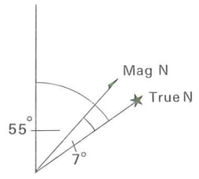
LAND FACETS AND SITE KEY



LAND TYPE

K

BLOCK



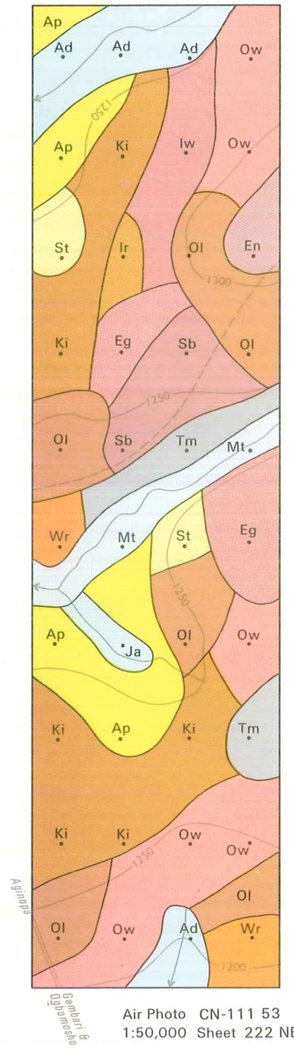
Air Photo CN-111 71
1:50,000 Sheet 221 NW

KEY TO SERIES

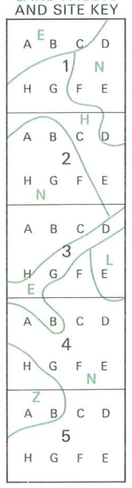
Ap	Apomu	Ki	Kishi
Er	Eruwa	Of	Ofiki
Fa	Fashola	Og	Ogboro
Gb	Gbemi	Ow	Owutu
Ib	Ibadan	Oy	Oyo
Ig	Igboho	St	Shante
Ir	Iregun	Tm	Temidire
Iw	Iwo	Wr	Woro
Ja	Jago		

BLOCK 259

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Adio	4	1230
1B	Adio	4	1230
1C	Adio	4	1240
1D	Owutu	4	1260
1E	Owutu	6	1300
1F	Iwo	4	1280
1G	Kishi	4	1260
1H	Apomu	3	1240
2A	Shante	1	1270
2B	Iregun	3	1280
2C	Olorunda	3	1300
2D	Erinoke	1	1320
2E	Olorunda	4	1270
2F	Shabe	2	1270
2G	Egbeda	1	1270
2H	Kishi	4	1270
3A	Olorunda	2	1240
3B	Shabe	2	1240
3C	Temidire	3	1230
3D	Matako	2	1230
3E	Egbeda	4	1260
3F	Shante	5	1260
3G	Matako	6	1230
3H	Woro	4	1230
4A	Apomu	4	1240
4B	Jago	3	1230
4C	Olorunda	3	1250
4D	Owutu	3	1260
4E	Temidire	6	1270
4F	Kishi	5	1260
4G	Apomu	2	1260
4H	Kishi	2	1270
5A	Kishi	4	1270
5B	Kishi	1	1260
5C	Owutu	2	1240
5D	Owutu	4	1250
5E	Woro	4	1220
5F	Adio	8	1200
5G	Owutu	2	1220
5H	Olorunda	2	1240



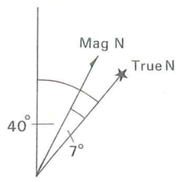
LAND FACETS AND SITE KEY



LAND TYPE

H

BLOCK



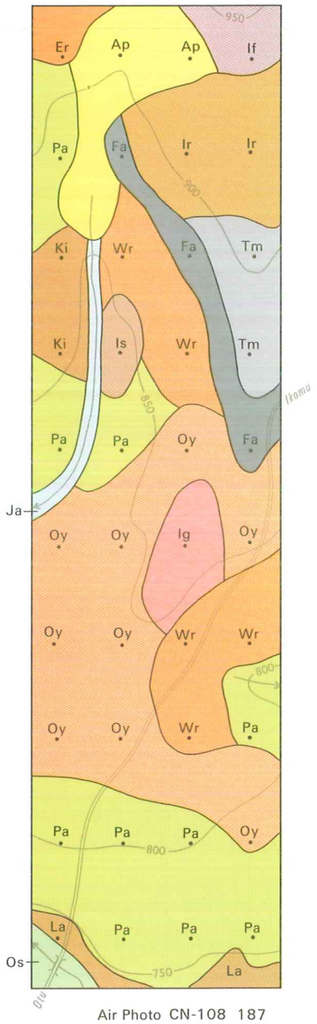
Air Photo CN-111 53
1:50,000 Sheet 222 NE

KEY TO SERIES

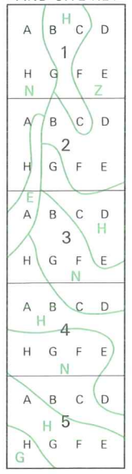
Ad	Adio	Mt	Matako
Ap	Apomu	Ol	Olorunda
Eg	Egbeda	Ow	Owutu
En	Erinoke	Sb	Shabe
Ir	Iregun	St	Shante
Iw	Iwo	Tm	Temidire
Ja	Jago	Wr	Woro
Ki	Kishi		

BLOCK 269

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Eruwa	3	930
1B	Apomu	3	930
1C	Apomu	2	940
1D	Ife	18	940
1E	Iregun	3	930
1F	Iregun	1	920
1G	Fashola	5	890
1H	Pabiku	6	890
2A	Kishi	6	860
2B	Woro	2	860
2C	Fashola	1	880
2D	Temidire	2	910
2E	Temidire	2	890
2F	Woro	4	870
2G	Iseyin	6	840
2H	Kishi	3	850
3A	Pabiku	3	830
3B	Pabiku	2	840
3C	Oyo	3	860
3D	Fashola	1	880
3E	Oyo	2	860
3F	Igboho	2	860
3G	Oyo	2	840
3H	Oyo	4	830
4A	Oyo	1	830
4B	Oyo	1	840
4C	Woro	2	840
4D	Woro	5	830
4E	Pabiku	4	820
4F	Woro	1	820
4G	Oyo	2	830
4H	Oyo	2	830
5A	Pabiku	2	800
5B	Pabiku	2	800
5C	Pabiku	3	800
5D	Oyo	4	790
5E	Pabiku	6	760
5F	Pabiku	3	760
5G	Pabiku	3	760
5H	Lanlate	11	750



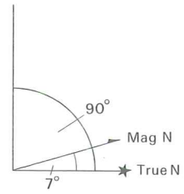
LAND FACETS AND SITE KEY



LAND TYPE

F

BLOCK



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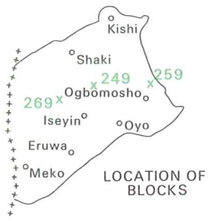
1:50,000 Sheet 220 SE

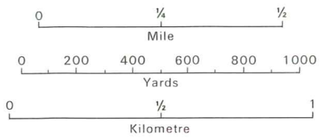
KEY TO SERIES

Ap	Apomu	Ki	Kishi
Er	Eruwa	La	Lanlate
Fa	Fashola	Os	Oshe
If	Ife	Oy	Oyo
Ig	Igboho	Pa	Pabiku
Ir	Iregun	Tm	Temidire
Is	Iseyin	Wr	Woro
Ja	Jago		



LOCATION OF BLOCKS

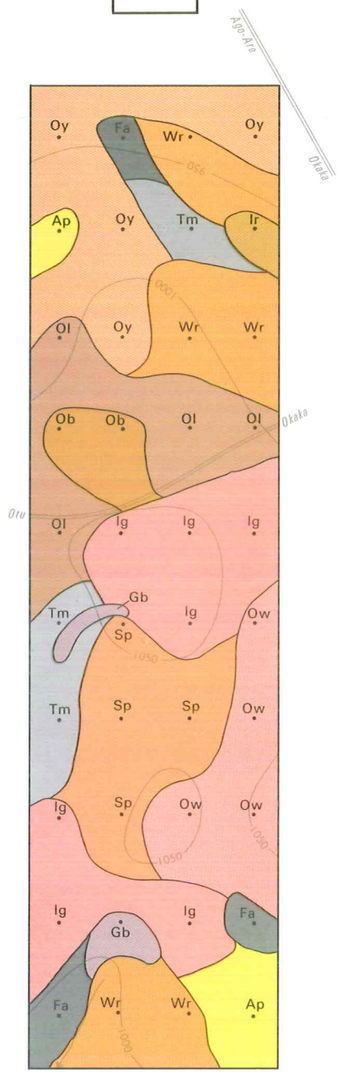
SCALE 1:20,000



- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

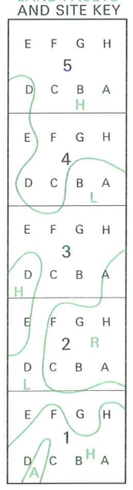
BLOCK 272

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Apomu	3	1030
1B	Woro	3	1020
1C	Woro	7	1000
1D	Fashola	2	990
1E	Igboho	3	1030
1F	Gbemi	2	1020
1G	Igboho	1	1040
1H	Fashola	2	1040
2A	Owutu	2	1050
2B	Owutu	3	1060
2C	Shepeteri	2	1040
2D	Igboho	1	1030
2E	Temidire	2	1020
2F	Shepeteri	3	1040
2G	Shepeteri	3	1040
2H	Owutu	2	1040
3A	Owutu	4	1040
3B	Igboho	10	1060
3C	Shepeteri	12	1050
3D	Temidire	2	1040
3E	Olorunda	4	1040
3F	Igboho	4	1060
3G	Igboho	3	1060
3H	Igboho	3	1040
4A	Olorunda	3	1010
4B	Olorunda	4	1030
4C	Oba	2	1030
4D	Oba	3	1020
4E	Olorunda	3	990
4F	Oyo	1	1020
4G	Woro	2	1000
4H	Woro	3	990
5A	Iregun	3	970
5B	Temidire	2	980
5C	Oyo	1	990
5D	Apomu	1	980
5E	Oyo	4	940
5F	Fashola	2	940
5G	Woro	3	940
5H	Oyo	3	930



Air Photo CN-108 182 1:50,000 Sheet 220 SE

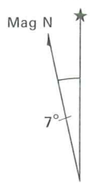
LAND FACETS AND SITE KEY



LAND TYPE

I

BLOCK

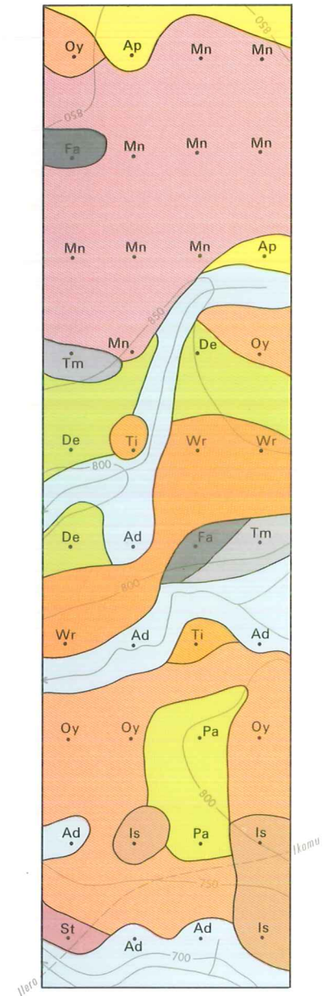


KEY TO SERIES

Ap	Apomu	Ol	Olorunda
Fa	Fashola	Ow	Owutu
Gb	Gbemi	Oy	Oyo
Ig	Igboho	Sp	Shepeteri
Ir	Iregun	Tm	Temidire
Ob	Oba	Wr	Woro

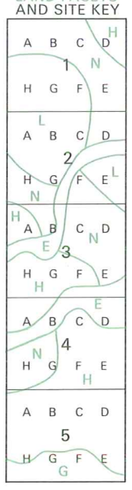
BLOCK 296

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Oyo	2	840
1B	Apomu	2	860
1C	Makun	3	870
1D	Makun	2	860
1E	Makun	2	870
1F	Makun	3	870
1G	Makun	4	870
1H	Fashola	3	860
2A	Makun	3	870
2B	Makun	2	860
2C	Makun	2	860
2D	Apomu	1	860
2E	Oyo	4	860
2F	Dejo	5	850
2G	Makun	2	850
2H	Temidire	2	860
3A	Dejo	3	830
3B	Titiale	5	810
3C	Woro	4	830
3D	Woro	3	850
3E	Temidire	2	810
3F	Fashola	3	810
3G	Adio	4	810
3H	Dejo	4	810
4A	Woro	4	780
4B	Adio	3	770
4C	Titiale	6	780
4D	Adio	3	770
4E	Oyo	2	810
4F	Pabiku	3	800
4G	Oyo	3	780
4H	Oyo	2	780
5A	Adio	3	760
5B	Iseyin	4	770
5C	Pabiku	5	780
5D	Iseyin	5	800
5E	Iseyin	4	740
5F	Adio	6	720
5G	Adio	3	720
5H	Shante	6	730



Air Photo CN-107 96 1:50,000 Sheet 220 SE

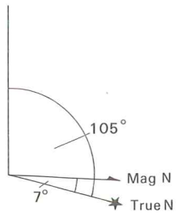
LAND FACETS AND SITE KEY



LAND TYPE

J

BLOCK

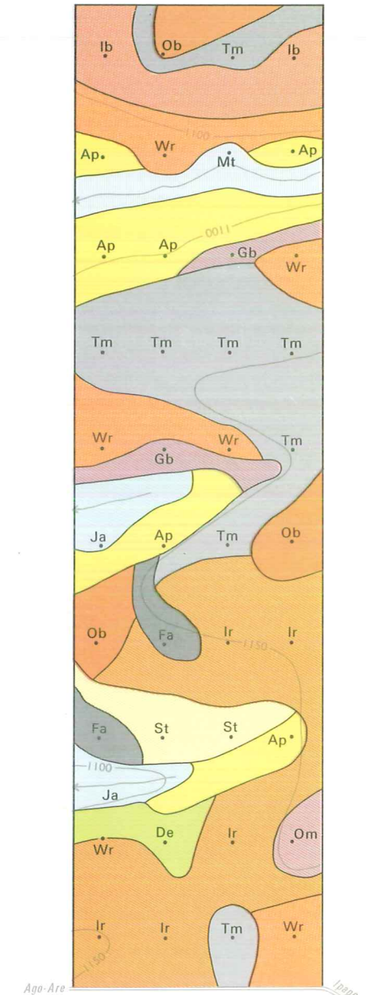


KEY TO SERIES

Ad	Adio	Oy	Oyo
Ap	Apomu	Pa	Pabiku
De	Dejo	St	Shante
Fa	Fashola	Ti	Titiale
Is	Iseyin	Tm	Temidire
Mn	Makun	Wr	Woro

BLOCK 300

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	2	1130
1B	Temidire	2	1130
1C	Iregun	2	1140
1D	Iregun	3	1150
1E	Woro	4	1120
1F	Dejo	5	1120
1G	Iregun	4	1130
1H	Omo	2	1150
2A	Apomu	2	1150
2B	Shante	4	1130
2C	Shante	5	1120
2D	Fashola	7	1110
2E	Oba	4	1130
2F	Fashola	6	1140
2G	Iregun	6	1150
2H	Iregun	4	1150
3A	Oba	4	1160
3B	Temidire	3	1160
3C	Apomu	2	1150
3D	Jago	2	1130
3E	Woro	2	1130
3F	Gbemi	3	1140
3G	Woro	3	1140
3H	Temidire	3	1150
4A	Temidire	4	1150
4B	Temidire	4	1150
4C	Temidire	3	1140
4D	Temidire	2	1130
4E	Apomu	3	1100
4F	Apomu	4	1100
4G	Gbemi	3	1110
4H	Woro	4	1120
5A	Apomu	3	1100
5B	Matako	2	1100
5C	Woro	2	1100
5D	Apomu	2	1090
5E	Ibadan	1	1120
5F	Oba	1	1130
5G	Temidire	0	1130
5H	Ibadan	3	1130



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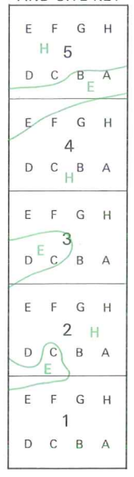
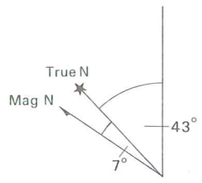
LAND FACETS AND SITE KEY



LAND TYPE

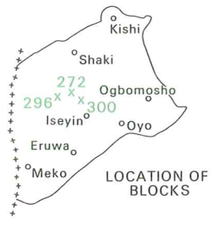
D

BLOCK



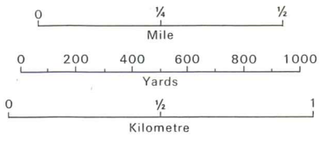
KEY TO SERIES

Ap	Apomu	Mt	Matako
De	Dejo	Ob	Oba
Fa	Fashola	Om	Omo
Gb	Gbemi	St	Shante
Ib	Ibadan	Tm	Temidire
Ir	Iregun	Wr	Woro
Ja	Jago		



LOCATION OF BLOCKS

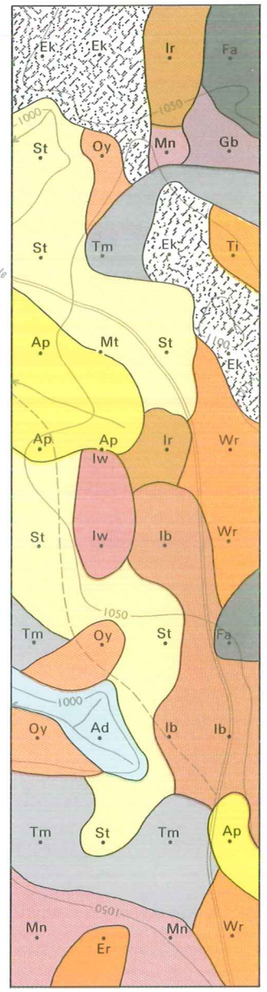
SCALE 1:20,000



- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 305

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	3	1040
1B	Makun	2	1050
1C	Eruwa	1	1060
1D	Makun	1	1070
1E	Temidire	2	1030
1F	Shante	3	1020
1G	Temidire	3	1020
1H	Apomu	3	1040
2A	Ibadan	3	1040
2B	Ibadan	4	1020
2C	Adio	0	990
2D	Oyo	3	980
2E	Temidire	4	1030
2F	Oyo	2	1040
2G	Shante	4	1040
2H	Fashola	3	1050
3A	Woro	3	1070
3B	Ibadan	1	1070
3C	Iwo	2	1060
3D	Shante	5	1040
3E	Apomu	0	1050
3F	Iwo / Apomu	4	1060
3G	Iregun	0	1060
3H	Woro	1	1060
4A	Ekiti	6	1100
4B	Shante	1	1080
4C	Matako	2	1060
4D	Apomu	5	1040
4E	Shante	3	1030
4F	Temidire	3	1060
4G	Ekiti	22	1070
4H	Titiale	13	1060
5A	Gbemi	4	1040
5B	Makun	3	1050
5C	Oyo	3	1040
5D	Shante	5	990
5E	Ekiti	7	1050
5F	Ekiti	2	1060
5G	Iregun	3	1060
5H	Fashola	1	1060



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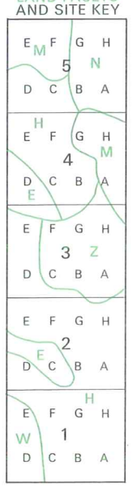
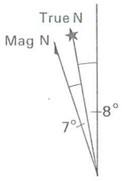
1:50,000 Sheet 221 SE

LAND FACETS AND SITE KEY



LAND TYPE: C··

BLOCK

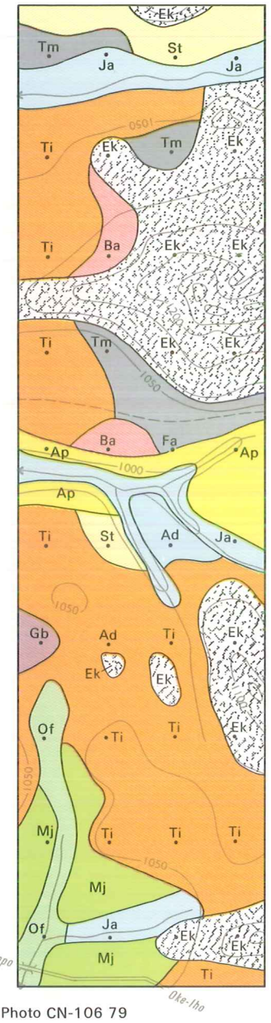


KEY TO SERIES

Ad	Adio	Iw	Iwo
Ap	Apomu	Mn	Makun
Ek	Ekiti	Mt	Matako
Er	Eruwa	Oy	Oyo
Fa	Fashola	St	Shante
Gb	Gbemi	Ti	Titiale
Ib	Ibadan	Tm	Temidire
Ir	Iregun	Wr	Woro

BLOCK 325

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Temidire	6	1030
1B	Jago	2	1020
1C	Shante	2	1020
1D	Jago	3	1010
1E	Ekiti	4	1060
1F	Temidire	4	1060
1G	Ekiti	2	1060
1H	Titiale	6	1050
2A	Titiale	4	1080
2B	Balogun	8	1110
2C	Ekiti	19	1200
2D	Ekiti	24	1180
2E	Ekiti	24	1150
2F	Ekiti	24	1110
2G	Temidire	6	1040
2H	Titiale	3	1030
3A	Apomu	4	1000
3B	Balogun	5	1010
3C	Fashola	5	1010
3D	Apomu	5	1000
3E	Jago	2	1010
3F	Adio	0	1010
3G	Shante	4	1010
3H	Titiale	3	1030
4A	Gbemi	2	1030
4B	Adio	3	1020
4C	Titiale	4	1030
4D	Ekiti	15	1080
4E	Ekiti	9	1060
4F	Titiale	1	1040
4G	Titiale	2	1060
4H	Ofiki	3	1040
5A	Majeroku	4	1040
5B	Titiale	2	1060
5C	Titiale	0	1080
5D	Titiale	4	1040
5E	Ekiti	30	1110
5F	Ekiti	4	1040
5G	Jago	4	1040
5H	Ofiki	0	1020



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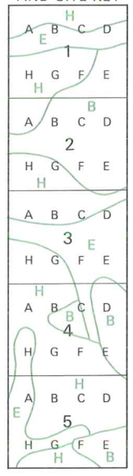
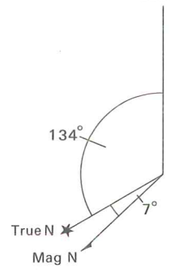
1:50,000 Sheet 220 SE

LAND FACETS AND SITE KEY



LAND TYPE: M

BLOCK

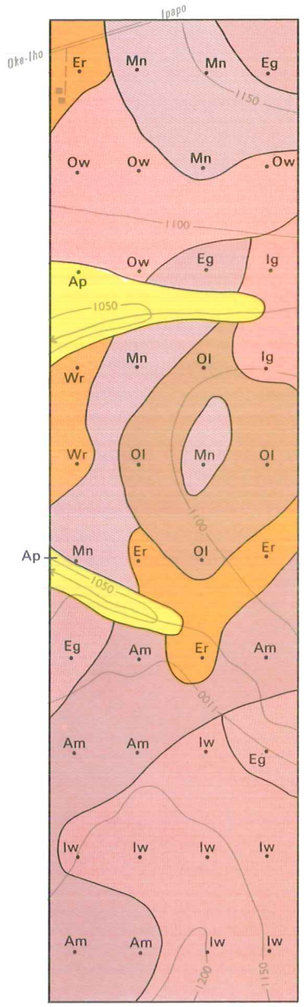


KEY TO SERIES

Ad	Adio	Ja	Jago
Ap	Apomu	Mj	Majeroku
Ba	Balogun	Of	Ofiki
Ek	Ekiti	St	Shante
Fa	Fashola	Ti	Titiale
Gb	Gbemi	Tm	Temidire

BLOCK 326

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Eruwa	2	1130
1B	Makun	1	1140
1C	Makun	3	1150
1D	Egbeda	0	1160
1E	Owutu	2	1140
1F	Makun	1	1130
1G	Owutu	2	1130
1H	Owutu	4	1120
2A	Apomu	3	1080
2B	Owutu	3	1080
2C	Egbeda	1	1080
2D	Igboho	4	1090
2E	Igboho	4	1100
2F	Olorunda	3	1090
2G	Makun	3	1070
2H	Woro	5	1060
3A	Woro	3	1070
3B	Olorunda	5	1090
3C	Makun	3	1110
3D	Olorunda	3	1120
3E	Eruwa	3	1110
3F	Olorunda	2	1090
3G	Eruwa	2	1060
3H	Makun	3	1050
4A	Egbeda	6	1080
4B	Amodu	0	1090
4C	Eruwa	7	1060
4D	Amodu	4	1070
4E	Egbeda	18	1110
4F	Iwo	6	1130
4G	Amodu	2	1140
4H	Amodu	3	1130
5A	Iwo	4	1150
5B	Iwo	2	1170
5C	Iwo	0	1160
5D	Iwo	3	1140
5E	Iwo	3	1150
5F	Iwo	6	1200
5G	Amodu	3	1190
5H	Amodu	4	1170



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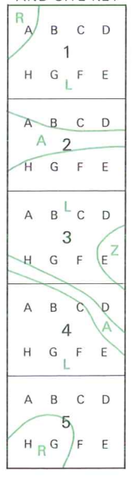
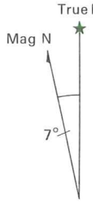
LAND FACETS AND SITE KEY



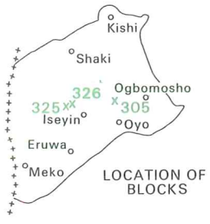
LAND TYPE: I

BLOCK



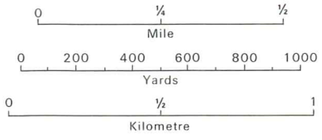
KEY TO SERIES

Am	Amodu	Iw	Iwo
Ap	Apomu	Mn	Makun
Eg	Egbeda	Ol	Olorunda
Er	Eruwa	Ow	Owutu
Ig	Igboho	Wr	Woro



LOCATION OF BLOCKS

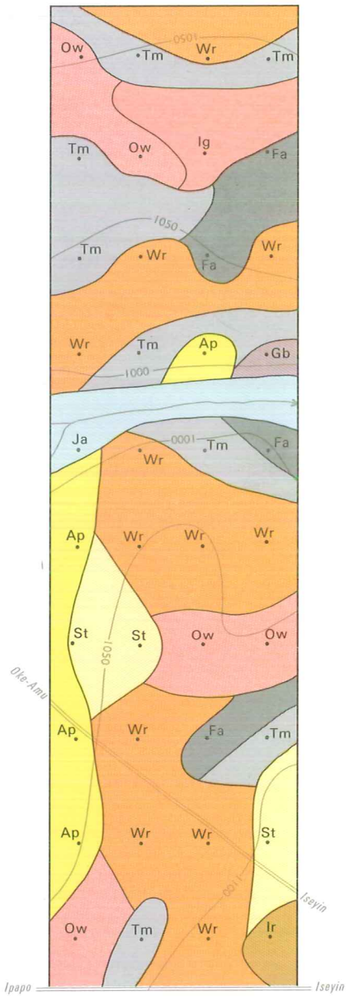
SCALE 1:20,000



- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 327

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Owutu	4	1050
1B	Temidire	2	1050
1C	Woro	2	1060
1D	Temidire	4	1060
1E	Fashola	1	1080
1F	Igboho	2	1080
1G	Owutu	0	1080
1H	Temidire	2	1080
2A	Temidire	6	1040
2B	Woro	4	1030
2C	Fashola	1	1050
2D	Woro	5	1060
2E	Gbemi	4	1000
2F	Apomu	2	1000
2G	Temidire	1	1000
2H	Woro	4	1010
3A	Jago	6	990
3B	Woro	1	1000
3C	Temidire	3	1010
3D	Fashola	2	1000
3E	Woro	1	1030
3F	Woro	1	1060
3G	Woro	4	1050
3H	Apomu	6	1030
4A	Shante	6	1040
4B	Shante	2	1060
4C	Owutu	4	1060
4D	Owutu	3	1060
4E	Temidire	3	1090
4F	Fashola	1	1080
4G	Woro	4	1070
4H	Apomu	2	1040
5A	Apomu	4	1050
5B	Woro	2	1070
5C	Woro	2	1090
5D	Shante	1	1110
5E	Iregun	4	1120
5F	Woro	5	1110
5G	Temidire	5	1080
5H	Owutu	4	1070



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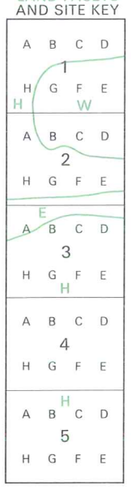
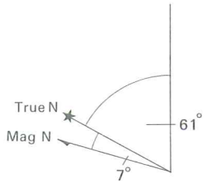
LAND FACETS AND SITE KEY



LAND TYPE: I

BLOCK

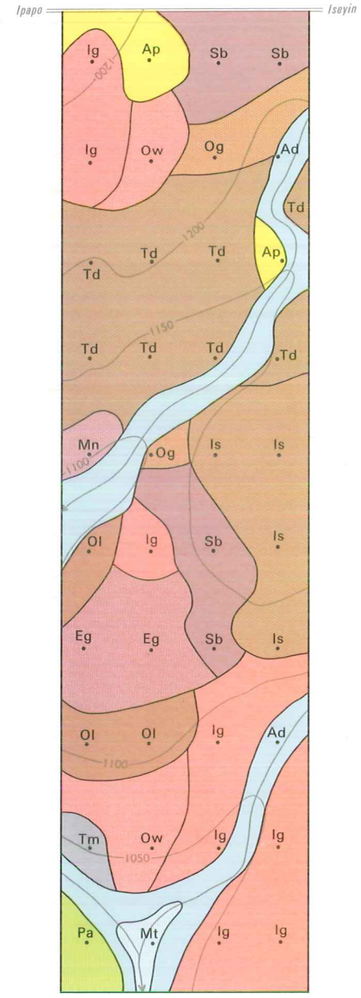


KEY TO SERIES

Ap	Apomu	Ja	Jago
Fa	Fashola	Ow	Owutu
Gb	Gbemi	St	Shante
Ig	Igboho	Tm	Temidire
Ir	Iregun	Wr	Woro

BLOCK 356

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Igboho	3	1190
1B	Apomu	4	1210
1C	Shabe	2	1230
1D	Shabe	1	1230
1E	Adio	5	1180
1F	Ogboro	4	1210
1G	Owutu	3	1220
1H	Igboho	1	1210
2A	Tede	6	1200
2B	Tede	5	1200
2C	Tede	2	1180
2D	Apomu	3	1160
2E	Tede	4	1150
2F	Tede	5	1140
2G	Tede	2	1140
2H	Tede	3	1160
3A	Makun	5	1100
3B	Ogboro	8	1100
3C	Iseyin	4	1160
3D	Iseyin	3	1180
3E	Iseyin	3	1170
3F	Shabe	3	1160
3G	Igboho	4	1140
3H	Olorunda	5	1110
4A	Egbeda	3	1120
4B	Egbeda	2	1130
4C	Shabe	2	1130
4D	Iseyin	6	1130
4E	Adio	1	1080
4F	Igboho	3	1090
4G	Olorunda	4	1110
4H	Olorunda	4	1110
5A	Temidire	1	1060
5B	Owutu	2	1060
5C	Igboho	6	1040
5D	Igboho	5	1060
5E	Igboho	3	1080
5F	Igboho	3	1060
5G	Matako	1	1030
5H	Pabiku	9	1040



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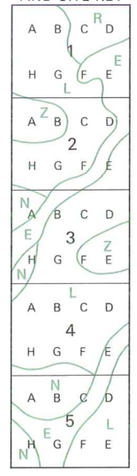
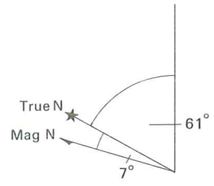
LAND FACETS AND SITE KEY



LAND TYPE: I

BLOCK

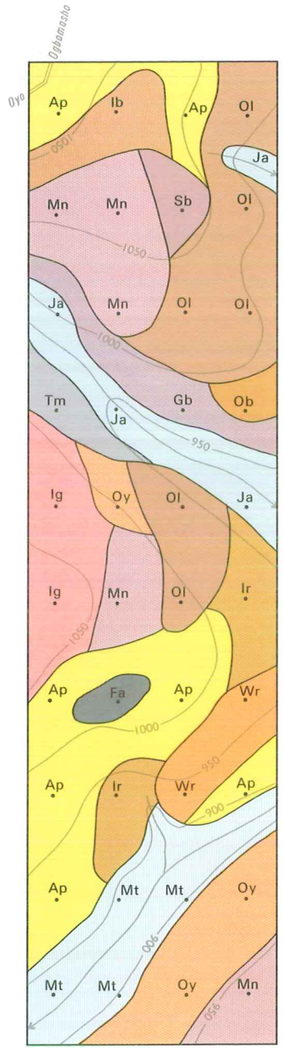


KEY TO SERIES

Ap	Apomu	Og	Ogboro
Ad	Adio	Ol	Olorunda
Eg	Egbeda	Ow	Owutu
Ig	Igboho	Pa	Pabiku
Is	Iseyin	Sb	Shabe
Mn	Makun	Td	Tede
Mt	Matako	Tm	Temidire

BLOCK 366

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Apomu	3	1040
1B	Ibadan	4	1060
1C	Apomu	4	1050
1D	Olorunda	3	1030
1E	Olorunda	4	1030
1F	Shabe	3	1060
1G	Makun	2	1070
1H	Makun	4	1060
2A	Jago	3	1000
2B	Makun	3	1030
2C	Olorunda	2	1030
2D	Olorunda	1	1000
2E	Oba	3	980
2F	Gbemi	4	960
2G	Jago	6	950
2H	Temidire	2	970
3A	Igboho	3	1030
3B	Oyo	2	1000
3C	Olorunda	3	960
3D	Jago	7	930
3E	Iregun	5	970
3F	Olorunda	6	1010
3G	Makun	7	1040
3H	Igboho	4	1080
4A	Apomu	6	1040
4B	Fashola	3	1020
4C	Apomu	4	1010
4D	Woro	4	980
4E	Apomu	10	910
4F	Woro	4	940
4G	Iregun	3	940
4H	Apomu	3	980
5A	Apomu	4	940
5B	Matako	2	900
5C	Matako	6	900
5D	Oyo	3	930
5E	Makun	3	960
5F	Oyo	4	940
5G	Matako	2	900
5H	Matako	4	890



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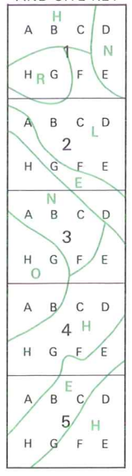
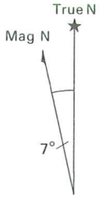
LAND FACETS AND SITE KEY



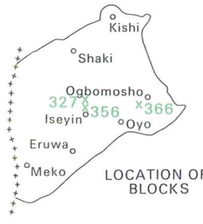
LAND TYPE: H

BLOCK



KEY TO SERIES

Ap	Apomu	Mt	Matako
Fa	Fashola	Ob	Oba
Gb	Gbemi	Ol	Olorunda
Ib	Ibadan	Oy	Oyo
Ig	Igboho	Sb	Shabe
Ir	Iregun	Tm	Temidire
Ja	Jago	Wr	Woro
Mn	Makun		



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

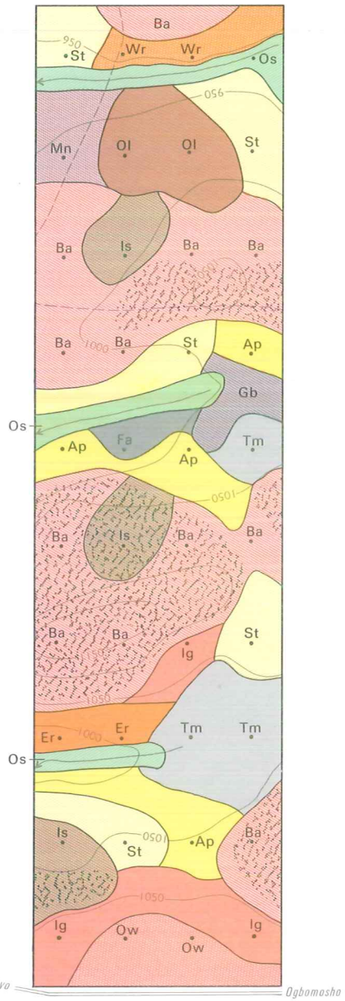
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

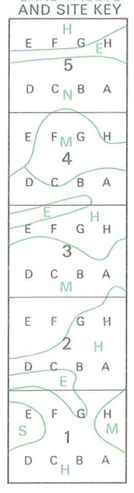
BLOCK 396

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Igboho	3	1030
1B	Owutu	5	1030
1C	Owutu	2	1030
1D	Igboho	3	1030
1E	Iseyin	4	1040
1F	Shante	2	1050
1G	Apomu	3	1050
1H	Balogun	7	1080
2A	Temidire	7	1040
2B	Temidire	6	1020
2C	Eruwa	6	1010
2D	Eruwa	10	990
2E	Balogun	3	1180
2F	Balogun	16	1150
2G	Igboho	4	1070
2H	Shante	2	1060
3A	Balogun	6	1080
3B	Balogun	6	1090
3C	Iseyin	2	1080
3D	Balogun	12	1070
3E	Apomu	4	950
3F	Fashola	4	970
3G	Apomu	4	1020
3H	Temidire	5	1040
4A	Apomu	4	1040
4B	Shante	4	1000
4C	Balogun	3	1000
4D	Balogun	2	990
4E	Balogun	3	970
4F	Iseyin	4	990
4G	Balogun	6	1030
4H	Balogun	3	1040
5A	Shante	2	980
5B	Olorunda	2	980
5C	Olorunda	3	970
5D	Makun	2	960
5E	Shante	5	940
5F	Woro	6	950
5G	Woro	6	950
5H	Oshe	0	940



Air Photo CN-77 204 1:50,000 Sheet 242 NW

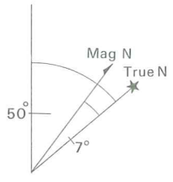
LAND FACETS AND SITE KEY



LAND TYPE

C

BLOCK



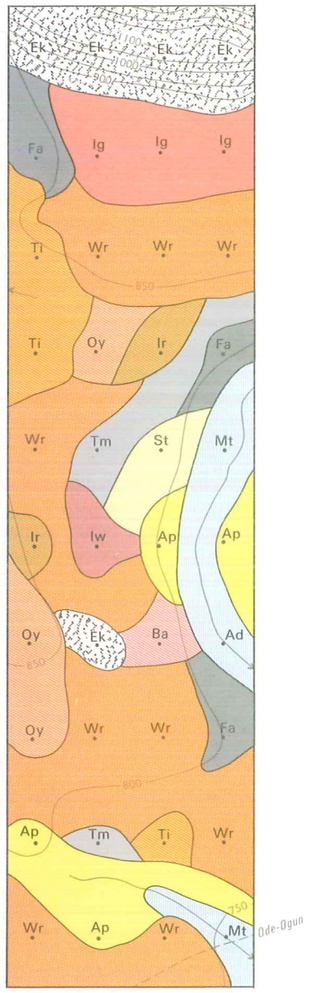
KEY TO SERIES

Ap	Apomu	Mn	Makun
Ba	Balogun	Ol	Olorunda
Er	Eruwa	Os	Oshe
Fa	Fashola	Ow	Owutu
Gb	Gbemi	St	Shante
Ig	Igboho	Tm	Temidire
Is	Iseyin	Wr	Woro

Ekiti Series found with Balogun and Iseyin

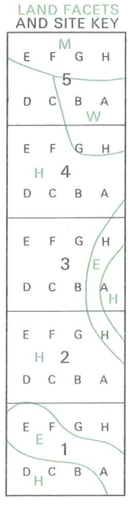
BLOCK 446

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Matako	2	750
1B	Woro	3	770
1C	Apomu	3	780
1D	Woro	3	780
1E	Apomu	4	800
1F	Temidire	4	790
1G	Titiale	5	780
1H	Woro	5	770
2A	Fashola	3	800
2B	Woro	3	810
2C	Woro	5	810
2D	Oyo	7	830
2E	Oyo	4	860
2F	Ekiti	8	840
2G	Balogun	6	810
2H	Adio	2	770
3A	Apomu	3	780
3B	Apomu	5	800
3C	Iwo	4	830
3D	Iregun	6	850
3E	Woro	4	840
3F	Temidire	3	820
3G	Shante	4	810
3H	Matako	2	780
4A	Fashola	4	800
4B	Iregun	4	830
4C	Oyo	3	830
4D	Titiale	4	830
4E	Titiale	5	850
4F	Woro	5	860
4G	Woro	3	860
4H	Woro	3	860
5A	Igboho	6	880
5B	Igboho	8	880
5C	Igboho	6	870
5D	Fashola	3	850
5E	Ekiti	50	900
5F	Ekiti	60	1000
5G	Ekiti	67	1050
5H	Ekiti	24	1060



Air Photo CN-77 95 1:50,000 Sheet 241 NW

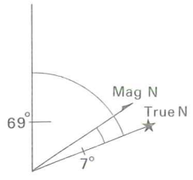
LAND FACETS AND SITE KEY



LAND TYPE

B··

BLOCK

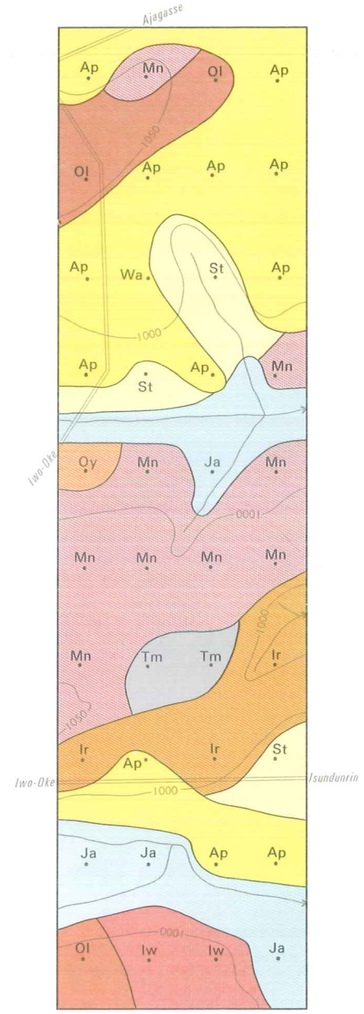


KEY TO SERIES

Ad	Adio	Iw	Iwo
Ap	Apomu	Mt	Matako
Ba	Balogun	Oy	Oyo
Ek	Ekiti	St	Shante
Fa	Fashola	Ti	Titiale
Ig	Igboho	Tm	Temidire
Ir	Iregun	Wr	Woro

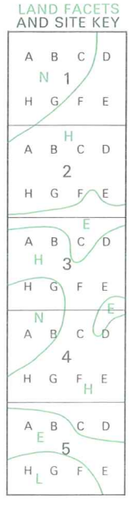
BLOCK 457

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Apomu	1	1050
1B	Makun	2	1050
1C	Olorunda	5	1030
1D	Apomu	4	1010
1E	Apomu	5	1020
1F	Apomu	4	1030
1G	Apomu	2	1040
1H	Olorunda	4	1060
2A	Apomu	2	1030
2B	Wawa	1	1010
2C	Shante	5	990
2D	Apomu	2	1010
2E	Makun	4	970
2F	Apomu	5	970
2G	Shante	3	980
2H	Apomu	4	970
3A	Oyo	4	970
3B	Makun	4	980
3C	Jago	1	960
3D	Makun	5	970
3E	Makun	2	1020
3F	Makun	3	1010
3G	Makun	1	1010
3H	Makun	16	1010
4A	Makun	4	1040
4B	Temidire	5	1030
4C	Temidire	2	1020
4D	Iregun	2	1000
4E	Shante	2	990
4F	Iregun	3	1010
4G	Apomu	3	1010
4H	Iregun	2	1030
5A	Jago	1	970
5B	Jago	0	960
5C	Apomu	3	960
5D	Apomu	5	960
5E	Jago	2	960
5F	Iwo	3	1000
5G	Iwo	2	1010
5H	Olorunda	2	1000



Air Photo CN-78 53 1:50,000 Sheet 242 NW

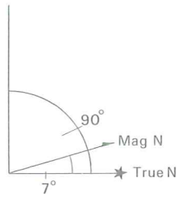
LAND FACETS AND SITE KEY



LAND TYPE

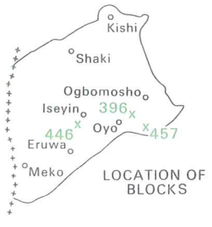
C

BLOCK



KEY TO SERIES

Ap	Apomu	Ol	Olorunda
Ir	Iregun	Oy	Oyo
Iw	Iwo	St	Shante
Ja	Jago	Tm	Temidire
Mn	Makun	Wa	Wawa



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

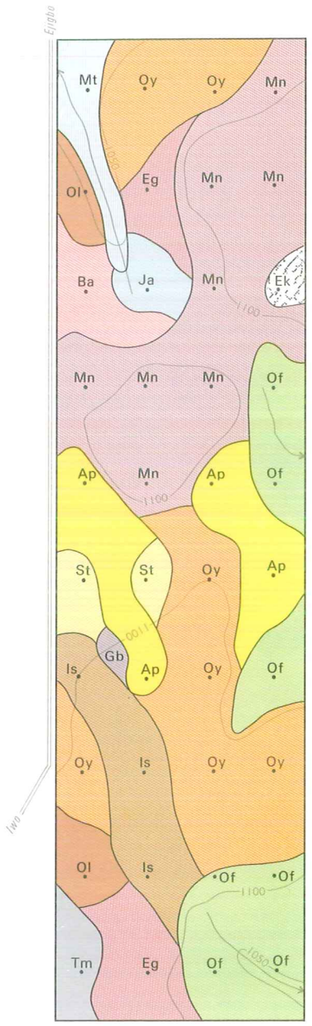
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

BLOCK 458

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Matako	5	1040
1B	Oyo	6	1060
1C	Oyo	0	1080
1D	Makun	4	1100
1E	Makun	1	1120
1F	Makun	1	1110
1G	Egbeda	4	1080
1H	Olorunda	9	1050
2A	Balogun	4	1070
2B	Jago	5	1070
2C	Makun	4	1090
2D	Ekiti	1	1120
2E	Ofiki	2	1080
2F	Makun	3	1110
2G	Makun	2	1110
2H	Makun	1	1090
3A	Apomu	3	1090
3B	Makun	3	1110
3C	Apomu	2	1090
3D	Ofiki	2	1080
3E	Apomu	3	1080
3F	Oyo	3	1100
3G	Shante	1	1080
3H	Shante	3	1010
4A	Iseyin	3	1100
4B	Apomu	2	1110
4C	Oyo	1	1110
4D	Ofiki	6	1080
4E	Oyo	2	1120
4F	Oyo	2	1120
4G	Iseyin	2	1140
4H	Oyo	3	1110
5A	Olorunda	3	1130
5B	Iseyin	2	1120
5C	Ofiki	5	1110
5D	Ofiki	5	1110
5E	Ofiki	7	1050
5F	Ofiki	3	1080
5G	Egbeda	12	1110
5H	Temidire	3	1130



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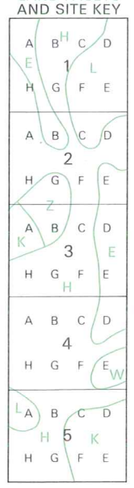
LAND FACETS AND SITE KEY



LAND TYPE **C**

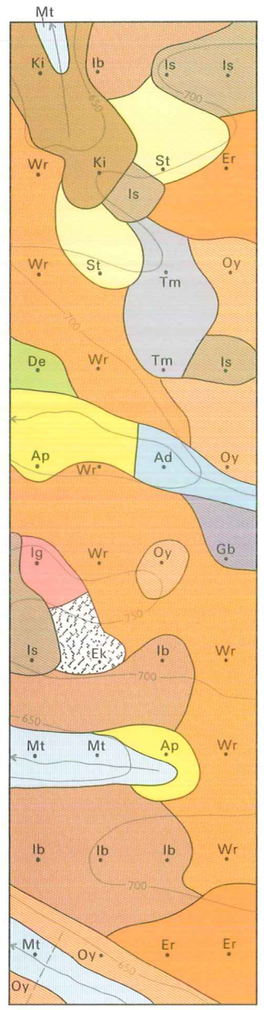
BLOCK True N, Mag N 7°

KEY TO SERIES

Ap	Apomu	Mn	Makun
Ba	Balogum	Mt	Matako
Eg	Egbeda	Of	Ofiki
Ek	Ekiti	Ol	Olorunda
Gb	Gbemi	Oy	Oyo
Is	Iseyin	St	Shante
Ja	Jago	Tm	Temidire

BLOCK 472

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Kishi	1	640
1B	Ibadan	3	660
1C	Iseyin	4	700
1D	Iseyin	3	710
1E	Eruwa	3	710
1F	Shante	5	700
1G	Kishi	3	700
1H	Woro	3	660
2A	Woro	3	700
2B	Shante	3	700
2C	Temidire	2	700
2D	Oyo	3	720
2E	Iseyin	3	720
2F	Temidire	4	710
2G	Woro	3	690
2H	Dejo	4	660
3A	Apomu	5	690
3B	Woro	4	690
3C	Adio	1	690
3D	Oyo	4	710
3E	Gbemi	3	730
3F	Oyo	3	740
3G	Woro	2	740
3H	Igboho	3	750
4A	Iseyin	4	720
4B	Ekiti	2	720
4C	Ibadan	2	720
4D	Woro	2	720
4E	Woro	3	670
4F	Apomu	2	660
4G	Matako	1	640
4H	Matako	1	630
5A	Ibadan	2	680
5B	Ibadan	2	700
5C	Ibadan	3	710
5D	Woro	3	720
5E	Eruwa	3	680
5F	Eruwa	3	660
5G	Oyo	3	650
5H	Matako	5	640



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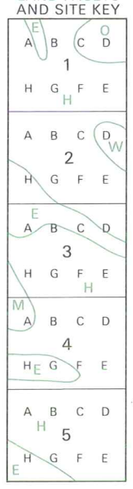
1:50,000 Sheet 240 NE

LAND FACETS AND SITE KEY



LAND TYPE **B**

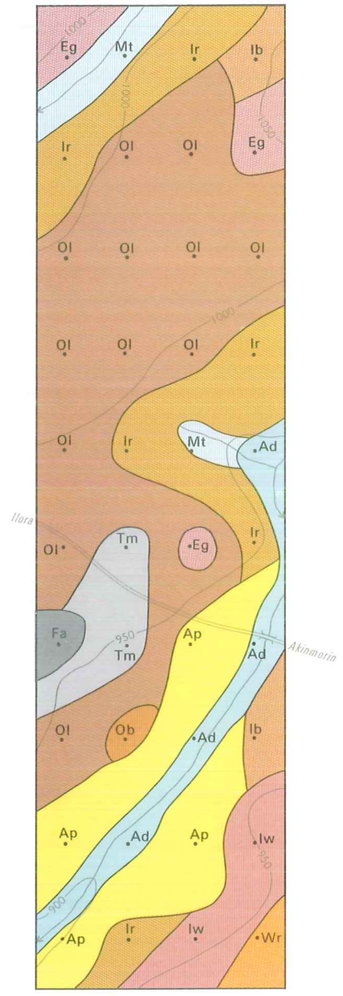
BLOCK 90° Mag N True N 7°

KEY TO SERIES

Ad	Adio	Is	Iseyin
Ap	Apomu	Ki	Kishi
De	Dejo	Mt	Matako
Ek	Ekiti	Oy	Oyo
Er	Eruwa	St	Shante
Gb	Gbemi	Tm	Temidire
Ib	Ibadan	Wr	Woro
Ig	Igboho		

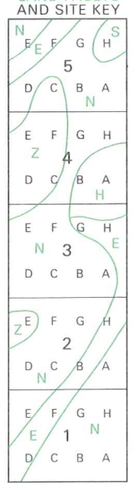
BLOCK 479

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	3	960
1B	Iwo	2	940
1C	Iregun	3	930
1D	Apomu	7	900
1E	Apomu	4	920
1F	Adio	1	910
1G	Apomu	3	920
1H	Iwo	4	950
2A	Ibadan	6	930
2B	Adio	0	920
2C	Oba	2	930
2D	Olorunda	3	950
2E	Fashola	2	960
2F	Temidire	4	950
2G	Apomu	4	940
2H	Adio	3	920
3A	Iregun	4	950
3B	Egbeda	3	960
3C	Temidire	2	970
3D	Olorunda	2	980
3E	Olorunda	1	990
3F	Iregun	4	980
3G	Matako	5	960
3H	Adio	0	940
4A	Iregun	2	980
4B	Olorunda	4	990
4C	Olorunda	3	1010
4D	Olorunda	2	1020
4E	Olorunda	5	1010
4F	Olorunda	2	1020
4G	Olorunda	2	1020
4H	Olorunda	2	1010
5A	Egbeda	2	1040
5B	Olorunda	3	1020
5C	Olorunda	3	1000
5D	Iregun	7	990
5E	Egbeda	4	990
5F	Matako	7	990
5G	Iregun	5	1020
5H	Ibadan	8	1040



Air Photo CN-77 27 1:50,000 Sheet 241 NE

LAND FACETS AND SITE KEY

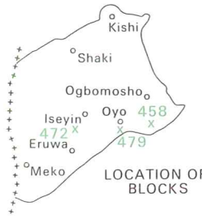


LAND TYPE **S**

BLOCK True N, Mag N 7°

KEY TO SERIES

Ad	Adio	Iw	Iwo
Ap	Apomu	Mt	Matako
Eg	Egbeda	Ob	Oba
Fa	Fashola	Ol	Olorunda
Ib	Ibadan	Tm	Temidire
Ir	Iregun	Wr	Woro



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

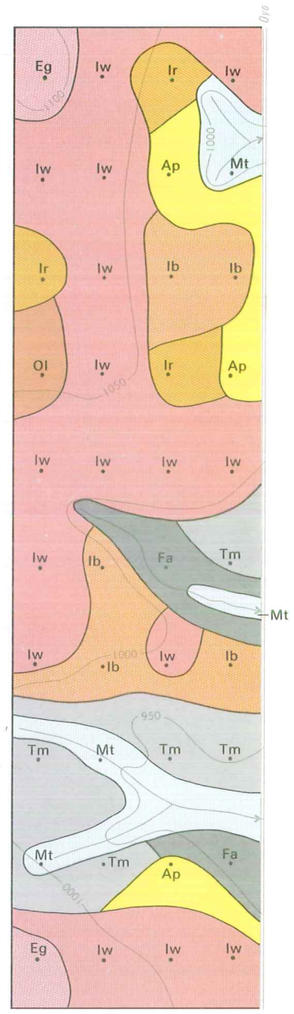
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V I 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

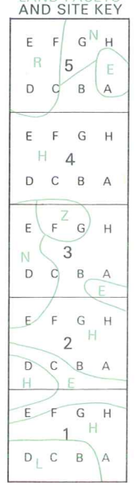
BLOCK 480

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Iwo	2	970
1B	Iwo	1	990
1C	Iwo	2	1010
1D	Egbeda	3	1030
1E	Matako	4	1000
1F	Temidire	3	970
1G	Apomu	3	960
1H	Fashola	3	950
2A	Temidire	2	950
2B	Temidire	3	950
2C	Matako	3	940
2D	Temidire	4	970
2E	Iwo	4	1000
2F	Ibadan	3	1000
2G	Iwo	4	990
2H	Ibadan	2	970
3A	Temidire	3	980
3B	Fashola	2	980
3C	Ibadan	4	1000
3D	Iwo	4	1020
3E	Iwo	4	1010
3F	Iwo	3	1010
3G	Iwo	2	1020
3H	Iwo	2	1010
4A	Apomu	2	1020
4B	Iregun	3	1040
4C	Iwo	3	1060
4D	Olurunda	2	1060
4E	Iregun	1	1070
4F	Iwo	3	1060
4G	Ibadan	2	1030
4H	Ibadan	3	1020
5A	Matako	2	1000
5B	Apomu	4	1020
5C	Iwo	5	1060
5D	Iwo	2	1080
5E	Egbeda	6	1100
5F	Iwo	5	1080
5G	Iregun	3	1040
5H	Iwo	3	1010



Air Photo CN-77 25
1:50,000 Sheet 241 NE

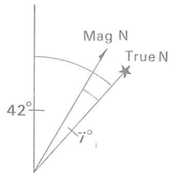
LAND FACETS AND SITE KEY



LAND TYPE

Q

BLOCK

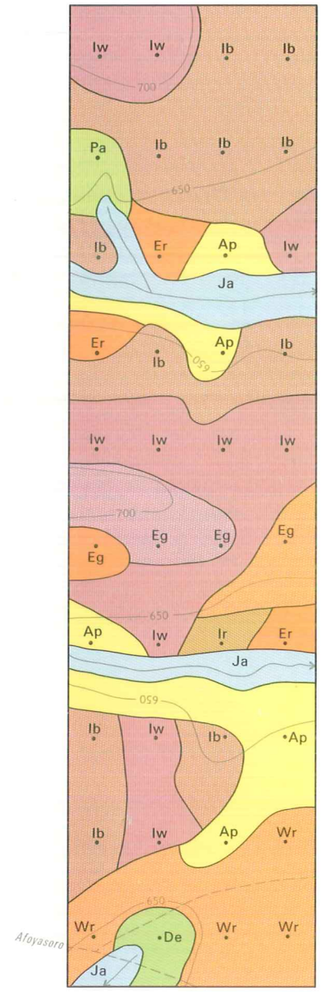


KEY TO SERIES

Ap	Apomu	Iw	Iwo
Eg	Egbeda	Mt	Matako
Fa	Fashola	Ol	Olorunda
Ib	Ibadan	Tm	Temidire
Ir	Iregun		

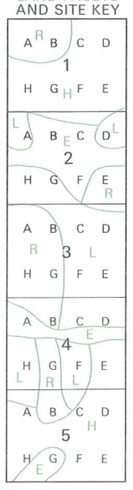
BLOCK 497

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Iwo	2	710
1B	Iwo	3	710
1C	Ibadan	4	680
1D	Ibadan	4	670
1E	Ibadan	5	650
1F	Ibadan	3	660
1G	Ibadan	3	670
1H	Pabiku	4	660
2A	Ibadan	5	640
2B	Eruwa	4	630
2C	Apomu	4	620
2D	Iwo	3	630
2E	Ibadan	4	650
2F	Apomu	4	640
2G	Ibadan	3	650
2H	Eruwa	2	660
3A	Iwo	3	690
3B	Iwo	3	680
3C	Iwo	2	680
3D	Iwo	2	680
3E	Woro	3	670
3F	Egbeda	4	670
3G	Egbeda	4	680
3H	Eruwa	3	690
4A	Apomu	3	640
4B	Iwo	2	640
4C	Iregun	3	640
4D	Eruwa	3	630
4E	Apomu	4	650
4F	Ibadan	2	640
4G	Iwo	2	660
4H	Ibadan	3	660
5A	Ibadan	2	670
5B	Iwo	1	670
5C	Apomu	1	670
5D	Woro	2	670
5E	Woro	4	670
5F	Woro	2	660
5G	Dejo	3	640
5H	Woro	2	650



Air Photo CN-93 73 1:50,000 Sheet 241 SW

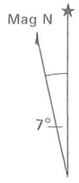
LAND FACETS AND SITE KEY



LAND TYPE

C

BLOCK

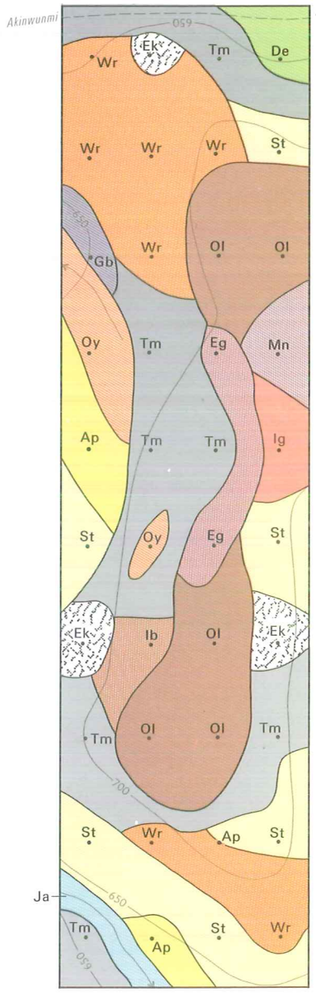


KEY TO SERIES

Ap	Apomu	Ir	Iregun
De	Dejo	Iw	Iwo
Eg	Egbeda	Ja	Jago
Er	Eruwa	Pa	Pabiku
Fa	Fashola	Wr	Woro
Ib	Ibadan		

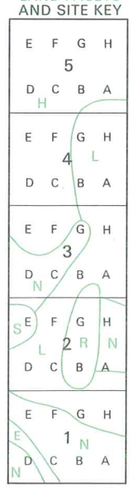
BLOCK 498

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Woro	4	680
1B	Shante	5	660
1C	Apomu	3	640
1D	Temidire	4	650
1E	Shante	5	670
1F	Woro	4	680
1G	Apomu	3	710
1H	Shante	6	710
2A	Temidire	7	710
2B	Olorunda	4	720
2C	Olorunda	3	720
2D	Temidire	3	700
2E	Ekiti	16	680
2F	Ibadan	6	710
2G	Olorunda	2	720
2H	Ekiti	5	710
3A	Shante	10	710
3B	Egbeda	1	720
3C	Oyo	4	710
3D	Shante	5	680
3E	Apomu	3	670
3F	Temidire	1	700
3G	Temidire	1	710
3H	Igboho	1	710
4A	Makun	2	720
4B	Egbeda	4	710
4C	Temidire	4	680
4D	Oyo	2	660
4E	Gbemi	6	650
4F	Woro	3	670
4G	Olorunda	3	710
4H	Olorunda	3	720
5A	Shante	7	710
5B	Woro	2	710
5C	Woro	4	680
5D	Woro	3	670
5E	Woro	4	650
5F	Ekiti	2	660
5G	Temidire	3	660
5H	Dejo	5	650



Air Photo CN-110 192 1:50,000 Sheet 241 SW

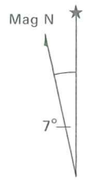
LAND FACETS AND SITE KEY



LAND TYPE

C

BLOCK



KEY TO SERIES

Ap	Apomu	Ja	Jago
De	Dejo	Mn	Makun
Eg	Egbeda	Ol	Olorunda
Ek	Ekiti	Oy	Oyo
Gb	Gbemi	St	Shante
Ib	Ibadan	Tm	Temidire
Ig	Igboho	Wr	Woro

LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

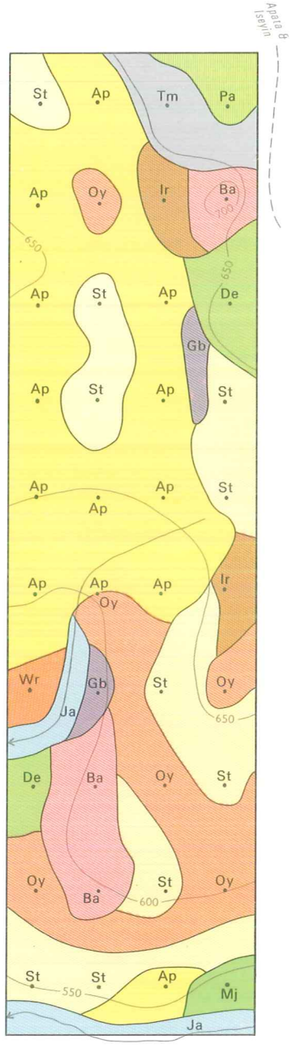
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

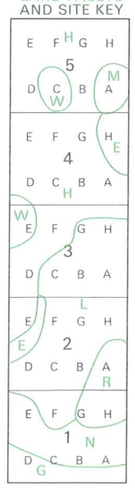
BLOCK 499

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Majeroku	8	550
1B	Apomu	7	560
1C	Shante	1	560
1D	Shante	8	550
1E	Oyo	5	590
1F	Balogun	3	600
1G	Shante	2	600
1H	Oyo	8	600
2A	Shante	4	640
2B	Oyo	2	630
2C	Balogun	6	610
2D	Dejo	9	580
2E	Woro	3	580
2F	Gbemi	3	600
2G	Shante	2	630
2H	Oyo	1	660
3A	Iregun	4	660
3B	Apomu	3	630
3C	Apomu / Oyo	3	600
3D	Apomu	3	600
3E	Apomu	4	650
3F	Apomu	3	650
3G	Apomu	3	660
3H	Shante	3	670
4A	Shante	3	660
4B	Apomu	8	670
4C	Shante	3	670
4D	Apomu	4	670
4E	Apomu	3	660
4F	Shante	4	670
4G	Apomu	4	670
4H	Dejo	8	640
5A	Balogun	42	730
5B	Iregun	6	680
5C	Oyo	6	670
5D	Apomu	2	660
5E	Shante	3	660
5F	Apomu	3	660
5G	Temidire	3	640
5H	Pabiku	7	610



Air Photo CN-110 190 1:50,000 Sheet 241 SW

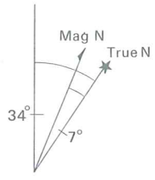
LAND FACETS AND SITE KEY



LAND TYPE

Q

BLOCK

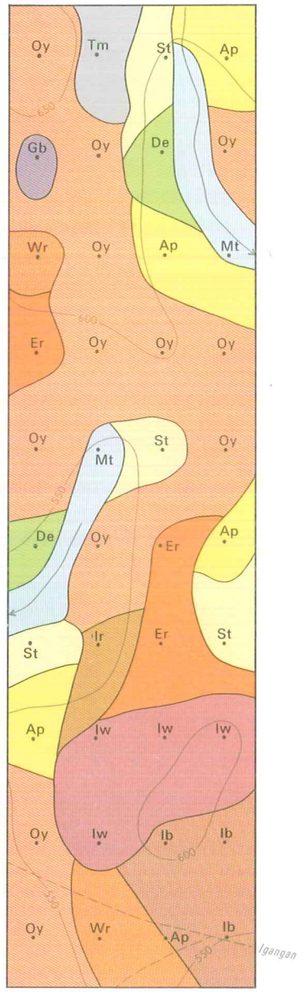


KEY TO SERIES

Ap	Apomu	Mj	Majeroku
Ba	Balogun	Oy	Oyo
De	Dejo	Pa	Pabiku
Gb	Gbemi	St	Shante
Ir	Iregun	Tm	Temidire
Ja	Jago	Wr	Woro

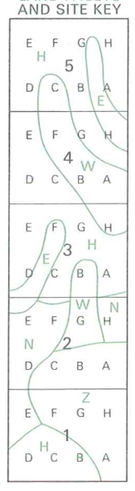
BLOCK 511

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Ibadan	3	550
1B	Apomu	4	560
1C	Woro	4	560
1D	Oyo	4	540
1E	Oyo	3	560
1F	Iwo	3	580
1G	Ibadan	6	610
1H	Ibadan	5	600
2A	Iwo	3	600
2B	Iwo	2	600
2C	Iwo	2	570
2D	Apomu	3	560
2E	Shante	8	530
2F	Iregun	4	540
2G	Eruwa	6	560
2H	Shante	5	580
3A	Apomu	4	570
3B	Eruwa	4	560
3C	Oyo	4	540
3D	Dejo	6	540
3E	Oyo	3	560
3F	Matako	1	550
3G	Shante	2	560
3H	Oyo	3	570
4A	Oyo	3	580
4B	Oyo	3	600
4C	Oyo	3	590
4D	Eruwa	4	580
4E	Woro	3	620
4F	Oyo	3	620
4G	Apomu	4	600
4H	Matako	3	570
5A	Oyo	3	580
5B	Dejo	3	590
5C	Oyo	4	630
5D	Gbemi	3	640
5E	Oyo	3	660
5F	Temidire	3	640
5G	Shante	6	590
5H	Apomu	4	600



Air Photo CN-93 62 1:50,000 Sheet 240 SW

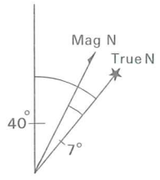
LAND FACETS AND SITE KEY



LAND TYPE

B

BLOCK

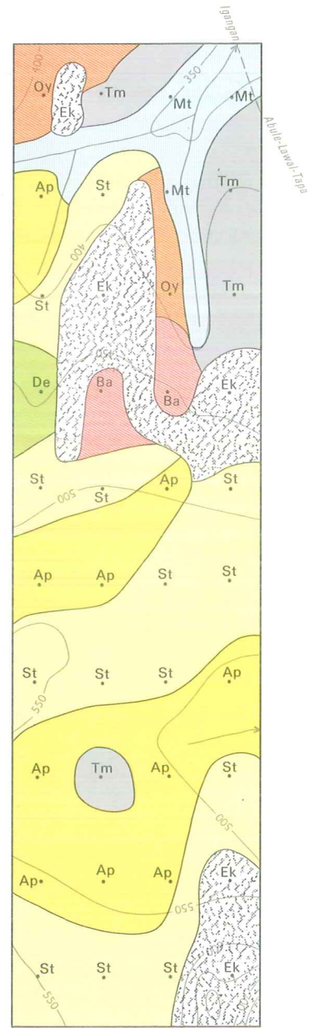


KEY TO SERIES

Ap	Apomu	Iw	Iwo
De	Dejo	Mt	Matako
Er	Eruwa	Oy	Oyo
Gb	Gbemi	St	Shante
Ib	Ibadan	Tm	Temidire
Ir	Iregun	Wr	Woro

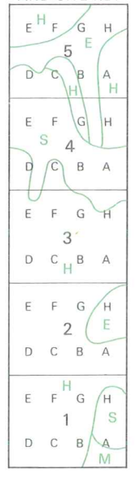
BLOCK 528

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Ekiti	15	650
1B	Shante	3	590
1C	Shante	3	570
1D	Shante	4	550
1E	Apomu	3	550
1F	Apomu	2	540
1G	Apomu	3	540
1H	Ekiti	6	550
2A	Shante	4	490
2B	Apomu	3	510
2C	Temidire	2	530
2D	Apomu	3	530
2E	Shante	3	550
2F	Shante	3	530
2G	Shante	3	510
2H	Apomu	4	490
3A	Shante	5	520
3B	Shante	3	530
3C	Apomu	3	540
3D	Apomu	4	540
3E	Shante	3	500
3F	Shante	4	500
3G	Apomu	4	500
3H	Shante	3	490
4A	Ekiti	8	440
4B	Balogun	7	450
4C	Balogun	5	460
4D	Dejo	6	450
4E	Shante	8	400
4F	Ekiti	6	430
4G	Oyo	5	390
4H	Temidire	6	420
5A	Temidire	5	400
5B	Matako	5	370
5C	Shante	3	390
5D	Apomu	3	370
5E	Oyo	3	390
5F	Temidire	4	370
5G	Matako	3	350
5H	Matako	3	350



Air Photo CN-89 171 1:50,000 Sheet 240 SW

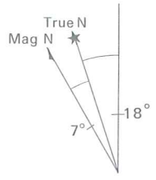
LAND FACETS AND SITE KEY



LAND TYPE

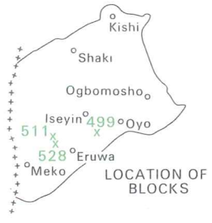
B··

BLOCK



KEY TO SERIES

Ap	Apomu	Mt	Matako
Ba	Balogun	Oy	Oyo
De	Dejo	St	Shante
Ek	Ekiti	Tm	Temidire



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

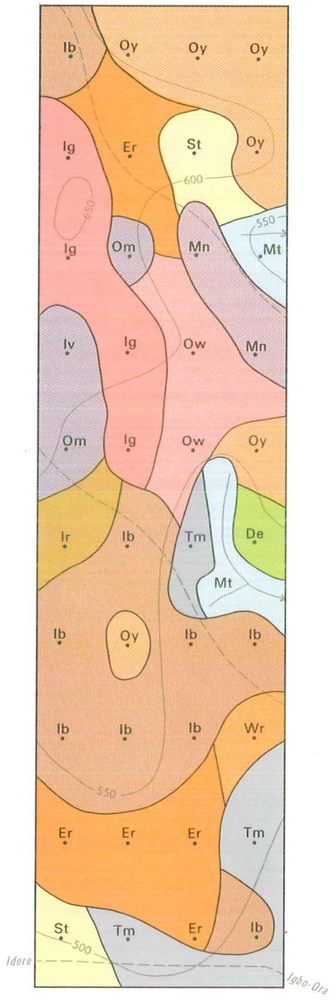
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

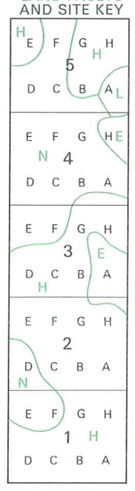
BLOCK 560

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Ibadan	3	500
1B	Eruwa	3	510
1C	Temidire	2	520
1D	Shante	3	500
1E	Eruwa	3	530
1F	Eruwa	3	540
1G	Eruwa	4	530
1H	Temidire	3	500
2A	Woro	5	520
2B	Ibadan	4	540
2C	Ibadan	3	560
2D	Ibadan	2	560
2E	Ibadan	1	570
2F	Oyo	2	560
2G	Ibadan	2	540
2H	Ibadan	4	520
3A	Dejo	3	540
3B	Temidire	3	540
3C	Ibadan	4	560
3D	Iregun	3	570
3E	Omo	4	600
3F	Igboho	4	570
3G	Owutu	3	560
3H	Oyo	3	560
4A	Makun	3	560
4B	Owutu	3	600
4C	Igboho	5	610
4D	Iwaji	6	620
4E	Igboho	6	640
4F	Omo	8	600
4G	Makun	5	570
4H	Matako	3	550
5A	Oyo	5	600
5B	Shante	5	620
5C	Eruwa	4	620
5D	Igboho	4	640
5E	Ibadan	3	620
5F	Oyo	3	600
5G	Oyo	4	590
5H	Oyo	4	580



Air Photo CN-75 35 1:50,000 Sheet 260 NE

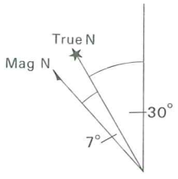
LAND FACETS AND SITE KEY



LAND TYPE

G

BLOCK

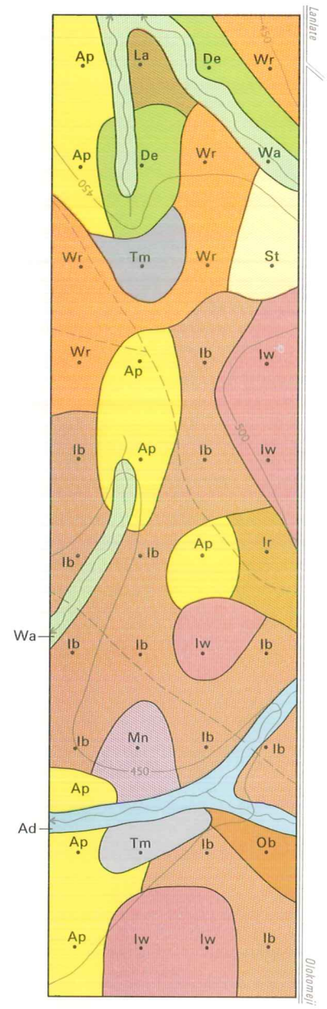


KEY TO SERIES

De	Dejo	Mt	Matako
Er	Eruwa	Om	Omo
Ib	Ibadan	Ow	Owutu
Ig	Igboho	Oy	Oyo
Ir	Iregun	St	Shante
Iv	Iwaji	Tm	Temidire
Mn	Makun	Wr	Woro

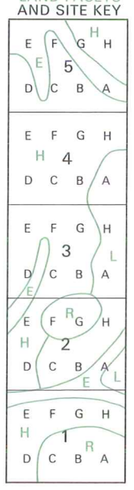
BLOCK 563

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Ibadan	2	480
1B	Iwo	2	480
1C	Iwo	2	460
1D	Apomu	3	450
1E	Apomu	4	420
1F	Temidire	3	440
1G	Ibadan	3	450
1H	Oba	1	460
2A	Ibadan	3	450
2B	Ibadan	4	460
2C	Makun	4	460
2D	Ibadan	2	450
2E	Ibadan	2	450
2F	Ibadan	3	460
2G	Iwo	0	470
2H	Ibadan	2	480
3A	Iregun	1	490
3B	Apomu	2	470
3C	Ibadan	4	450
3D	Ibadan	5	450
3E	Ibadan	6	460
3F	Apomu	2	450
3G	Ibadan	5	470
3H	Iwo	4	500
4A	Iwo	2	510
4B	Ibadan	5	490
4C	Apomu	4	480
4D	Woro	3	490
4E	Woro	3	470
4F	Temidire	3	460
4G	Woro	3	470
4H	Shante	5	470
5A	Wawa	4	440
5B	Woro	4	450
5C	Dejo	3	440
5D	Apomu	4	450
5E	Apomu	4	430
5F	Lanlate	2	420
5G	Dejo	5	420
5H	Woro	3	430



Air Photo CN-75 41 1:50,000 Sheet 260 NE

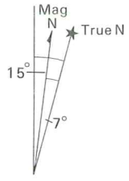
LAND FACETS AND SITE KEY



LAND TYPE

Q

BLOCK

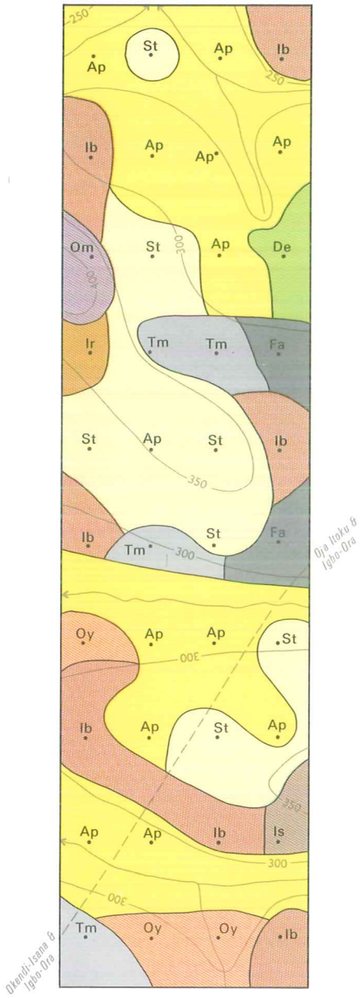


KEY TO SERIES

Ad	Adio	Mn	Makun
Ap	Apomu	Ob	Oba
De	Dejo	St	Shante
Ib	Ibadan	Tm	Temidire
Ir	Iregun	Wa	Wawa
Iw	Iwo	Wr	Woro
La	Lanlate		

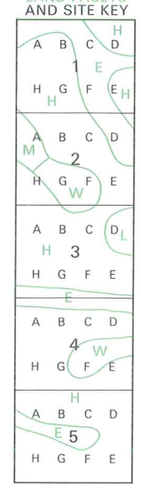
BLOCK 585

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Apomu	5	240
1B	Shante	3	240
1C	Apomu	4	240
1D	Ibadan	5	260
1E	Apomu	3	260
1F	Apomu	3	250
1G	Apomu	4	270
1H	Ibadan	3	290
2A	Omo	13	370
2B	Shante	3	330
2C	Apomu	4	280
2D	Dejo	5	260
2E	Fashola	3	310
2F	Temidire	4	330
2G	Temidire	4	350
2H	Iregun	3	380
3A	Shante	4	340
3B	Apomu	4	350
3C	Shante	2	360
3D	Ibadan	3	340
3E	Fashola	3	320
3F	Shante	2	310
3G	Temidire	4	300
3H	Ibadan	4	290
4A	Oyo	4	280
4B	Apomu	3	290
4C	Apomu	3	290
4D	Shante	4	290
4E	Apomu	2	340
4F	Shante	3	330
4G	Apomu	3	320
4H	Ibadan	3	310
5A	Apomu	4	270
5B	Apomu	3	290
5C	Ibadan	5	300
5D	Iseyin	6	320
5E	Ibadan	4	310
5F	Oyo	5	290
5G	Oyo	3	310
5H	Temidire	5	310



Air Photo CN-74 124 1:50,000 Sheet 260 NW

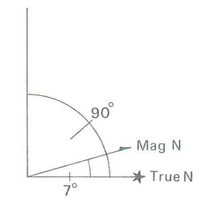
LAND FACETS AND SITE KEY



LAND TYPE

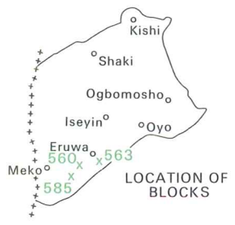
G

BLOCK



KEY TO SERIES

Ap	Apomu	Is	Iseyin
De	Dejo	Om	Omo
Fa	Fashola	Oy	Oyo
Ib	Ibadan	St	Shante
Ir	Iregun	Tm	Temidire



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

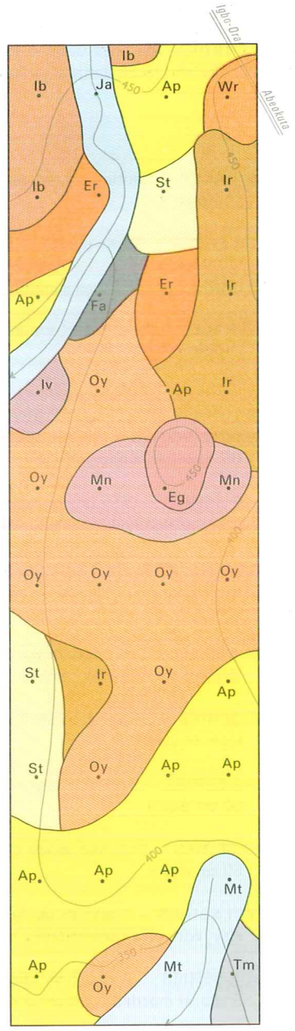
0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

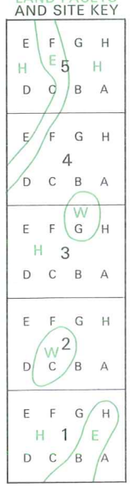
BLOCK 586

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Temidire	3	350
1B	Matako	2	340
1C	Oyo	4	350
1D	Apomu	4	350
1E	Apomu	5	400
1F	Apomu	4	400
1G	Apomu	3	380
1H	Matako	4	370
2A	Apomu	2	420
2B	Apomu	2	420
2C	Oyo	3	420
2D	Shante	4	400
2E	Shante	3	400
2F	Iregun	2	420
2G	Oyo	2	420
2H	Apomu	2	400
3A	Oyo	2	400
3B	Oyo	2	430
3C	Oyo	3	430
3D	Oyo	3	400
3E	Oyo	3	400
3F	Makun	3	430
3G	Egbeda	2	450
3H	Makun	3	430
4A	Iregun	2	430
4B	Apomu	3	430
4C	Oyo	4	410
4D	Iwaji	4	380
4E	Apomu	3	400
4F	Fashola	4	400
4G	Eruwa	3	420
4H	Iregun	3	440
5A	Iregun	4	440
5B	Shante	4	430
5C	Eruwa	4	430
5D	Ibadan	3	450
5E	Ibadan	3	460
5F	Jago	1	440
5G	Apomu	3	450
5H	Woro	3	450



Air Photo CN-74 124 1:50,000 Sheet 260 NE

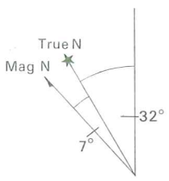
LAND FACETS AND SITE KEY



LAND TYPE

G

BLOCK

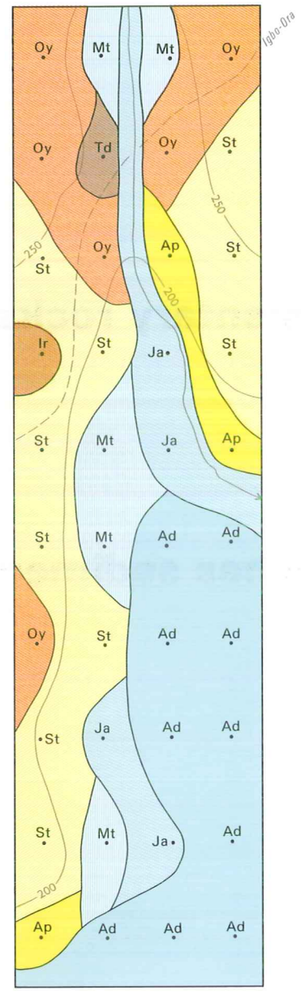


KEY TO SERIES

Ap	Apomu	Ja	Jago
Eg	Egbeda	Mn	Makun
Er	Eruwa	Mt	Matako
Fa	Fashola	Oy	Oyo
Ib	Ibadan	St	Shante
Ir	Iregun	Tm	Temidire
Iv	Iwaji	Wr	Woro

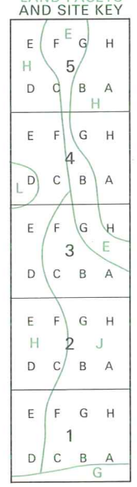
BLOCK 596

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Adio	2	170
1B	Adio	1	180
1C	Adio	1	180
1D	Apomu	1	190
1E	Shante	2	200
1F	Matako	1	190
1G	Jago	1	180
1H	Adio	1	180
2A	Adio	1	180
2B	Adio	1	180
2C	Jago	2	190
2D	Shante	2	200
2E	Oyo	3	200
2F	Shante	3	190
2G	Adio	1	180
2H	Adio	1	180
3A	Adio	1	180
3B	Adio	1	180
3C	Matako	1	190
3D	Shante	3	210
3E	Shante	3	210
3F	Matako	1	190
3G	Jago	3	180
3H	Apomu	3	180
4A	Shante	3	210
4B	Jago	1	190
4C	Shante	2	200
4D	Iregun	2	210
4E	Shante	3	240
4F	Oyo	3	210
4G	Apomu	4	210
4H	Shante	3	240
5A	Shante	3	260
5B	Oyo	4	220
5C	Tede	4	220
5D	Oyo	5	260
5E	Oyo	4	260
5F	Matako	4	230
5G	Matako	2	230
5H	Oyo	3	260



Air Photo CN-74 86 1:50,000 Sheet 260 NW

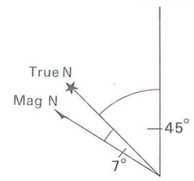
LAND FACETS AND SITE KEY



LAND TYPE

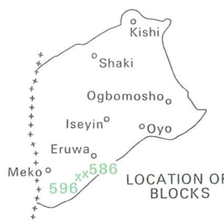
G

BLOCK



KEY TO SERIES

Ad	Adio	Mt	Matako
Ap	Apomu	Oy	Oyo
Ir	Iregun	St	Shante
Ja	Jago	Td	Tede



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

Part 3 Sedimentary rocks

3ème partie Roches sedimentaires

EXPLANATORY NOTES

The south-western corner of the survey area contains two mapped sample blocks overlying Abeokuta sandstone. As new soil series, additional to those established by Moss (1953) were not found at any of the 80 sites examined, nor in road traversing through the sedimentary rocks sector, it was concluded that the soils and landscapes of this part of the area have already been subjected to studies commensurate in scope, and in detail observed, with the Basement Complex field work of 1970-2. The team decided to omit further sample site inspections. Brief descriptions follow of the land facets and soil series in the two blocks alongside. Definitions of terms are as on page 2.

Land facets

h HULE FACET – Gentle concave dipslope: very few trees but shrubs common: dark airphoto tone

l LAGBO FACET – Gentle concave dipslope: forest and light airphoto tone

r RIRO FACET – Nearly level summit plateau: forest and light airphoto tone

w WULO FACET – Nearly level summit plateau: very few trees but shrubs common: dark airphoto tone

Soil series

Af AFIAMKPO SERIES – Brownish sandy soil less than 50 cm deep over hard ironstone (ferruginised sandstone) rock

Ag AGEGE SERIES – Grey-brown sandy soil over brownish sandy clay with faint mottling over mottled (yellow-grey matrix) clay

Al ALAGBA SERIES – Brownish sandy soil becoming reddish sandy clay by 60 cm depth

Ij IJU SERIES – Greyish sandy soil over mottled (grey matrix) clay loam to clay

Ip IPAJA SERIES – Grey-brown over mottled (yellow-grey matrix) sandy soil with mottled (grey matrix) clay below 75 cm and often not until 120 cm depth

Iy IYESI SERIES – Brownish sandy soil with faint mottling over mottled (grey matrix) clay loam to clay

Ku KULFO SERIES – Brownish over reddish sandy soil becoming reddish sandy clay below 60 cm depth

Mo MOLO SERIES – Brownish sandy clay becoming reddish ironstone-rubbly sandy clay by 50 cm depth

Ot OTEYYI SERIES – Brownish sandy soil over red-brown moderately concretionary sandy clay, with iron concretionary horizon at 50-120 cm depth

Od OWODE SERIES – Grey-brown sandy soil over orange-brown sandy clay with faint mottling over mottled (yellow matrix) clay

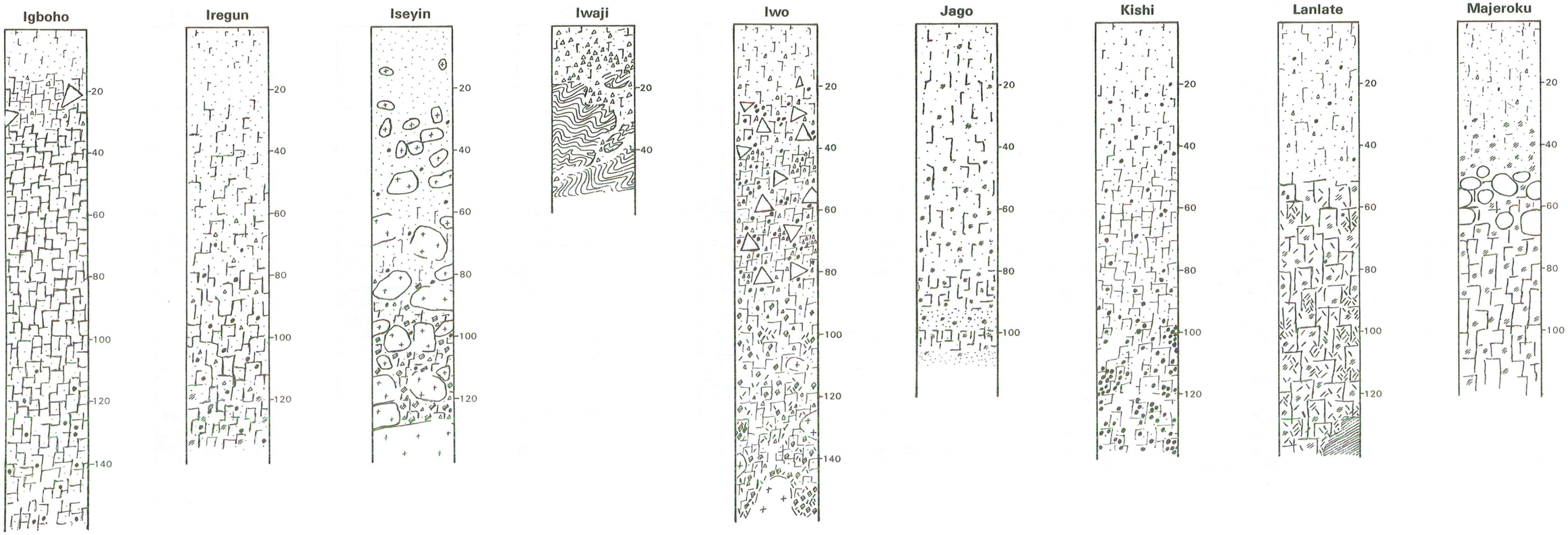
Pt PAKOTO SERIES – Greyish sandy soil over grey-brown slightly concretionary sandy clay loam, with mottled (grey matrix) clay by 50-75 cm depth

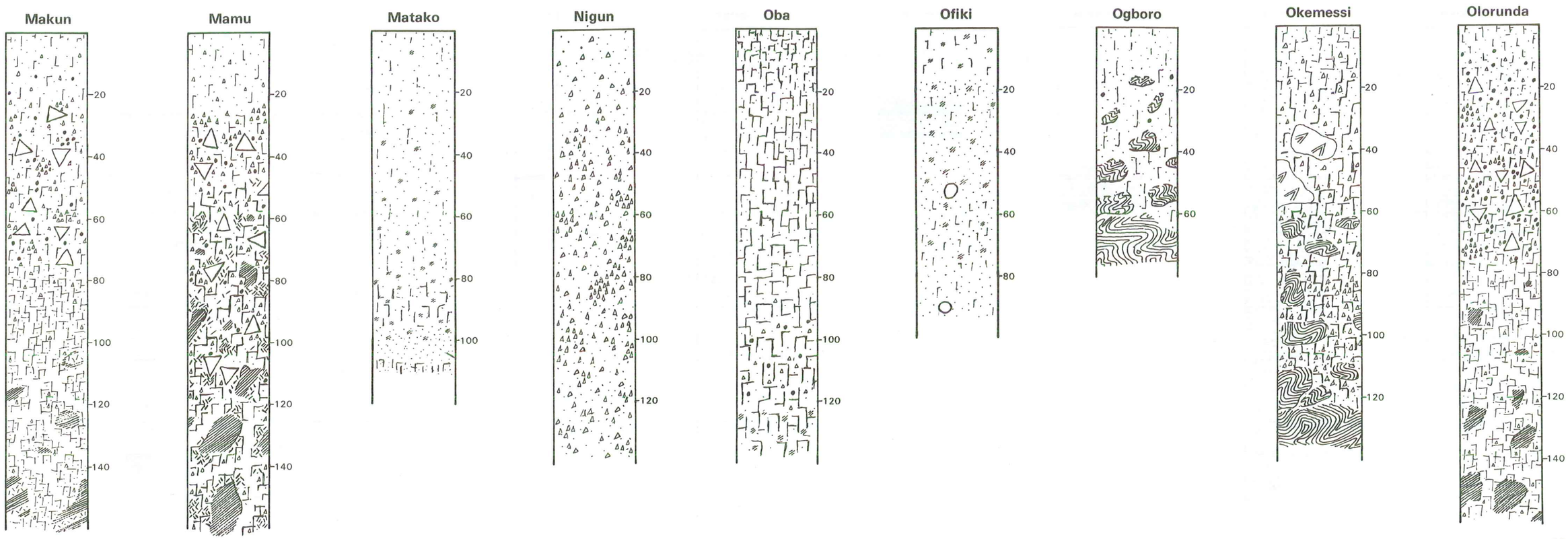
Reference

MOSS R P 1953 Report on classification of soils found over sedimentary rocks in Western Nigeria, WSMANR Ibadan, cyclostyled

Part 4 Sketches of Basement Complex soil profiles

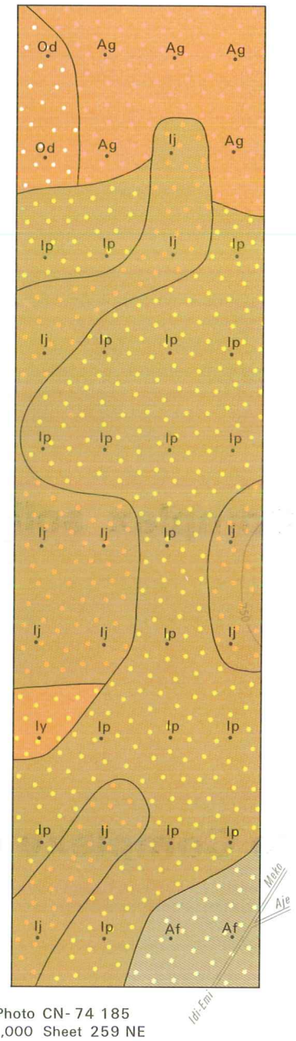
4ème partie Esquisses de profils des sols sur le Complexe de Base


Igboho
Iregun
Iseyin
Iwaji
Iwo
Jago
Kishi
Lanlate
Majeroku
20
40
60
80
100
120
140


Makun
Mamu
Matako
Nigun
Oba
Ofiki
Ogboro
Okemessi
Olorunda
20
40
60
80
100
120
140

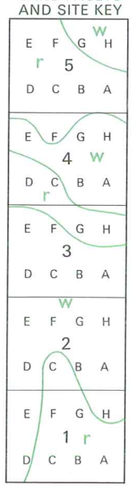
BLOCK 569

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Afiampko	3	740
1B	Afiampko	3	740
1C	Ipaja	2	730
1D	Iju	0	730
1E	Ipaja	0	730
1F	Iju	0	730
1G	Ipaja	1	740
1H	Ipaja	2	740
2A	Ipaja	2	740
2B	Ipaja	1	740
2C	Ipaja	0	730
2D	Iyesi	0	730
2E	Iju	0	730
2F	Iju	0	730
2G	Ipaja	1	740
2H	Iju	2	750
3A	Iju	2	750
3B	Ipaja	1	740
3C	Iju	0	730
3D	Iju	0	730
3E	Ipaja	0	730
3F	Ipaja	0	730
3G	Ipaja	1	740
3H	Ipaja	1	740
4A	Ipaja	1	740
4B	Ipaja	0	740
4C	Ipaja	0	730
4D	Iju	0	730
4E	Ipaja	1	730
4F	Ipaja	1	730
4G	Iju	0	730
4H	Ipaja	1	730
5A	Agege	1	730
5B	Iju	1	730
5C	Agege	1	730
5D	Owode	2	730
5E	Owode	2	730
5F	Agege	2	730
5G	Agege	1	730
5H	Agege	1	730



Air Photo CN-74 185
1:50,000 Sheet 259 NE

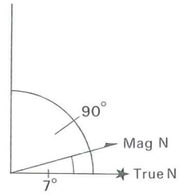
LAND FACETS AND SITE KEY



LAND TYPE

N

BLOCK

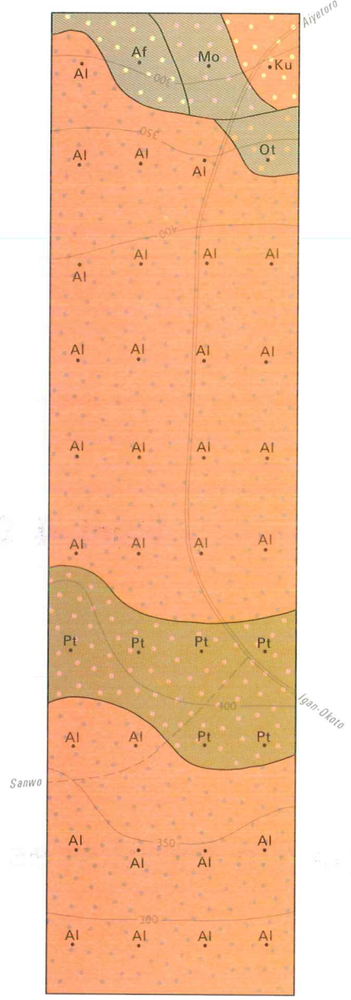


KEY TO SERIES

Af	Afiampko	Ip	Ipaja
Ag	Agege	Iy	Iyesi
Ij	Iju	Od	Owode

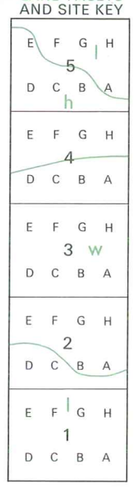
BLOCK 612

SITE	SERIES	% SLOPE	HEIGHT IN FEET
1A	Alagba	3	290
1B	Alagba	4	290
1C	Alagba	4	290
1D	Alagba	3	290
1E	Alagba	5	340
1F	Alagba	7	350
1G	Alagba	7	350
1H	Alagba	6	340
2A	Pakoto	4	390
2B	Pakoto	3	390
2C	Alagba	3	380
2D	Alagba	3	360
2E	Pakoto	3	390
2F	Pakoto	3	410
2G	Pakoto	3	410
2H	Pakoto	2	410
3A	Alagba	2	420
3B	Alagba	2	420
3C	Alagba	3	420
3D	Alagba	3	410
3E	Alagba	2	420
3F	Alagba	2	420
3G	Alagba	1	420
3H	Alagba	1	420
4A	Alagba	1	420
4B	Alagba	1	420
4C	Alagba	2	420
4D	Alagba	2	410
4E	Alagba	3	400
4F	Alagba	3	400
4G	Alagba	4	410
4H	Alagba	2	410
5A	Oteyyi	6	360
5B	Alagba	7	350
5C	Alagba	5	360
5D	Alagba	5	360
5E	Alagba	6	300
5F	Afiampko	8	300
5G	Molo	7	290
5H	Kulfe	6	300



Air Photo CN-73 126 1:50,000 Sheet 260 SW

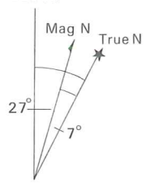
LAND FACETS AND SITE KEY



LAND TYPE

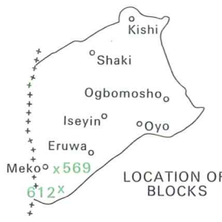
P

BLOCK



KEY TO SERIES

Af	Afiampko	Mo	Molo
Al	Alagba	Ot	Oteyyi
Ku	Kulfo	Pt	Pakoto



LOCATION OF BLOCKS

SCALE 1:20,000

0 ¼ ½ Mile

0 200 400 600 800 1000 Yards

0 ½ 1 Kilometre

- Soil inspection site
- Soil series boundary
- Contour (V.I. 50 ft.)
- River or watercourse
- Motorable road
- Footpath
- Railway
- Buildings

NOTES EXPLICATIVES

L'angle sud-ouest de la région faisant l'objet du levé comporte 2 blocs échantillonnés cartographiés sur des grès Abeokuta. Comme aucune série nouvelle de sols autre que celles établies par Moss (1953) n'a été trouvée à aucun des 80 emplacements examinés, ni le long de la route traversant le secteur des roches sédimentaires, il en a été conclu que les sols et paysages de cette partie de la région ont déjà été soumis à des études, détaillées et proportionnées à l'objectif lors des travaux faits sur place au sujet du Complexe de Base en 1970-1972. L'equipe a décidé de ne pas entre prendre de nouvelles inspections de sites échantillons. De courtes descriptions des faciès de terrain et des séries de sols trouvés dans les deux blocs adjacents sont données ci-après. La définition des termes donnée en page 3 y est applicable.

Faciès de terrain

h FACIÈS HULE – Pente concave douce: très peu d'arbres mais buissons d'arbustes; photographies aériennes sombres

l FACIÈS LAGBO – Pente concave douce: forêts et photographies aériennes de couleur claire

r FACIÈS RIRO – Plateau de sommet quasi plat: forêts et photographies aériennes de couleur claire

w FACIÈS WULO – Plateau de sommet quasi plat: très peu d'arbres mais buissons d'arbustes communs: photographies aériennes sombres

Séries de sols

Af SÉRIE AFIAMKPO – Sol sablonneux brunâtre de moins de 50 cm de profondeur sur roches ferruginisées dures (grès ferrugineux)

Ag SÉRIE AGEGE – Sol sablonneux gris brunâtre au-dessus d'argile sableuse brunâtre faiblement tâchetée sur argile tâchetée (matrice gris jaunâtre)

Al SÉRIE ALAGBA – Sol sablonneux brunâtre devenant argilo-sableux rougeâtre dès 60 cm de profondeur

Ij SÉRIE IJU – Sol sablonneux grisâtre sur limon argileux (matrice grise) à argile tâchetée

Ip SÉRIE IPAJA – Sol sablonneux gris brunâtre puis tâcheté (matrice gris jaunâtre) avec argile tâchetée (matrice grise) en-dessous de 75 cm de profondeur et en maints cas pas avant 120 cm de profondeur

Iy SÉRIE IYESI – Sol sablonneux brunâtre vaguement tâcheté sur limon argileux (matrice grise) à argile tâchetée

Ku SÉRIE KULFO – Sol sablonneux brunâtre puis rougeâtre devenant argilo-sableux rougeâtre en-dessous de 60 cm de profondeur

Mo SÉRIE MOLO – Argilo-sableux brunâtre devenant argilo-sableux rougeâtre à gravillons ferrugineux dès 50 cm de profondeur

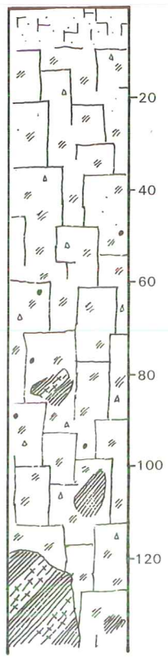
Ot SÉRIE OTEYYI – Sol sablonneux brunâtre sur argile sableuse modérément concrétionnée brun rougeâtre, avec horizon ferrugineux concrétionné à 50-120 cm de profondeur

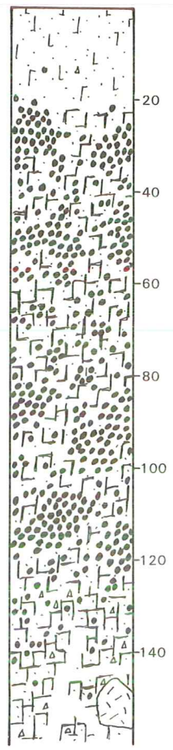
Od SÉRIE OWODE – Sol sablonneux brun grisâtre sur argile sableuse brun orangé très légèrement tâchetée sur argile tâchetée (matrice jaune)

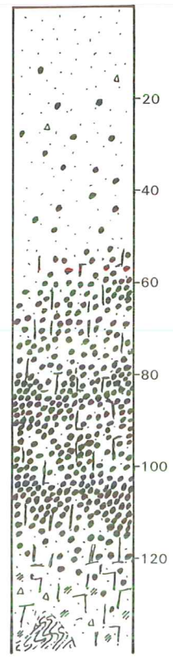
Pt SÉRIE PAKOTO – Sol sablonneux grisâtre sur limon argilo-sableux brun grisâtre légèrement concrétionnée, avec argile tâchetée (matrice grise) à partir de 50-75 cm de profondeur

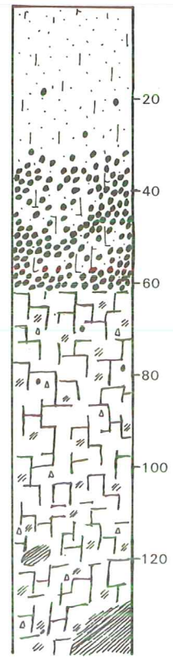
Ouvrage de reference

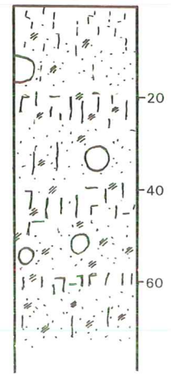
MOSS R P 1953 Report on classification of soils found over sedimentary rocks in western Nigeria (Rapport concernant la classification des sols trouvés sur les roches sédimentaires au Nigeria occidental) WSMANR Ibadan, Polycopié

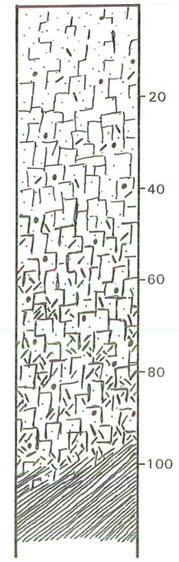


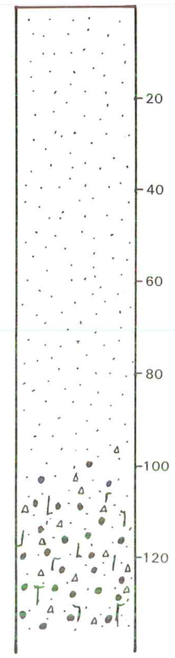


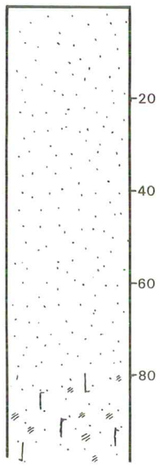


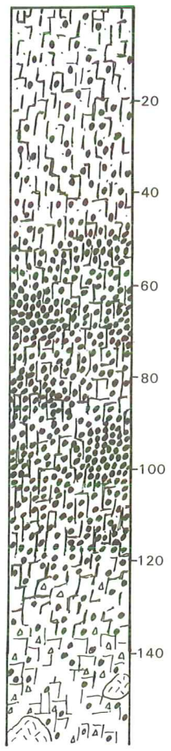


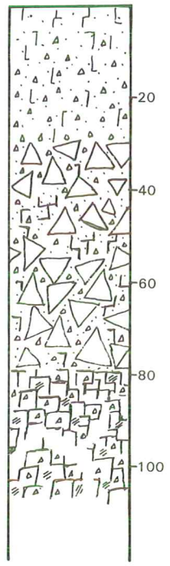


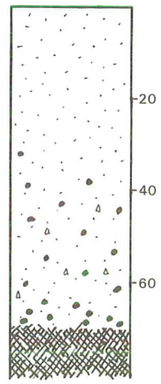


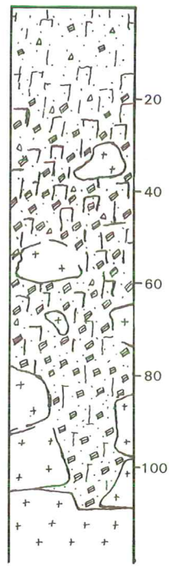


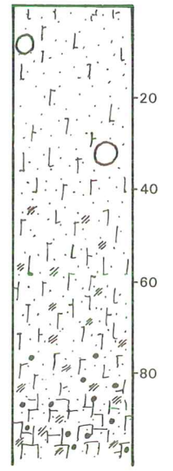


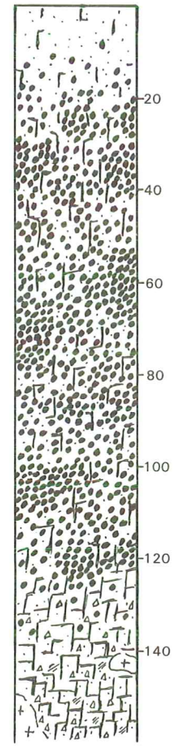


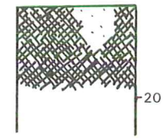


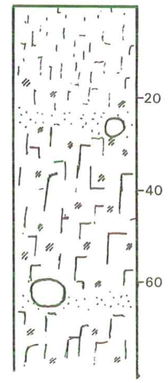












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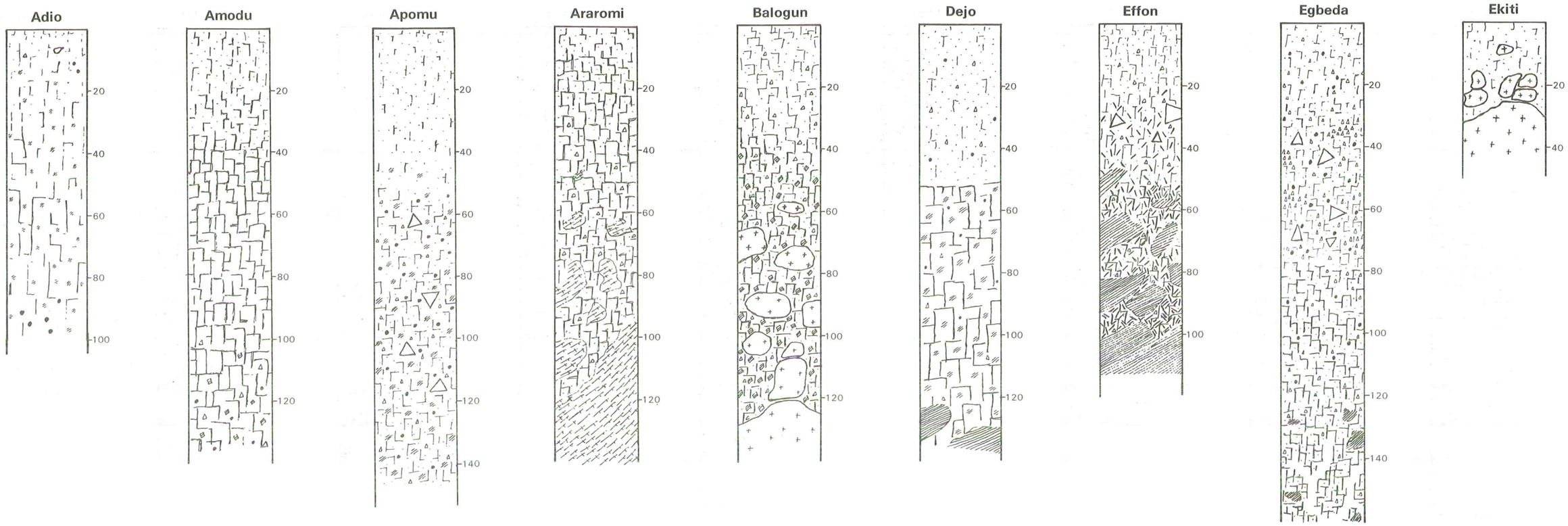


Soil Texture and Structure

Sand

Clay

The texture of an horizon may be ascertained by the relative amounts of dots and vertical lines.

The structure of an horizon may be gauged by the length of horizontal lines representing the strength of structure and the length of the vertical lines representing the type of structure

Thus:-

= Weak granular or crumb	= Moderate or strong granular or crumb
= Weak blocky	= Moderate or strong blocky
= Weak prismatic	= Moderate or strong prismatic

Strongly structured horizons are additionally emphasized by slightly thicker lines.

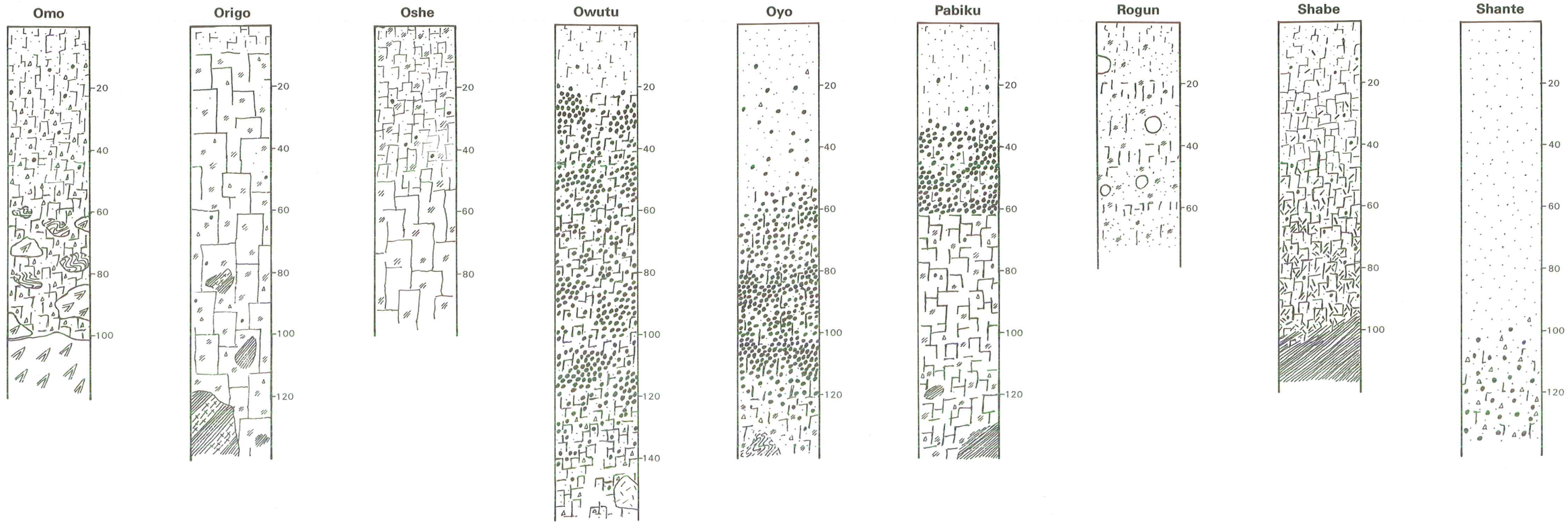
Soil Inclusions

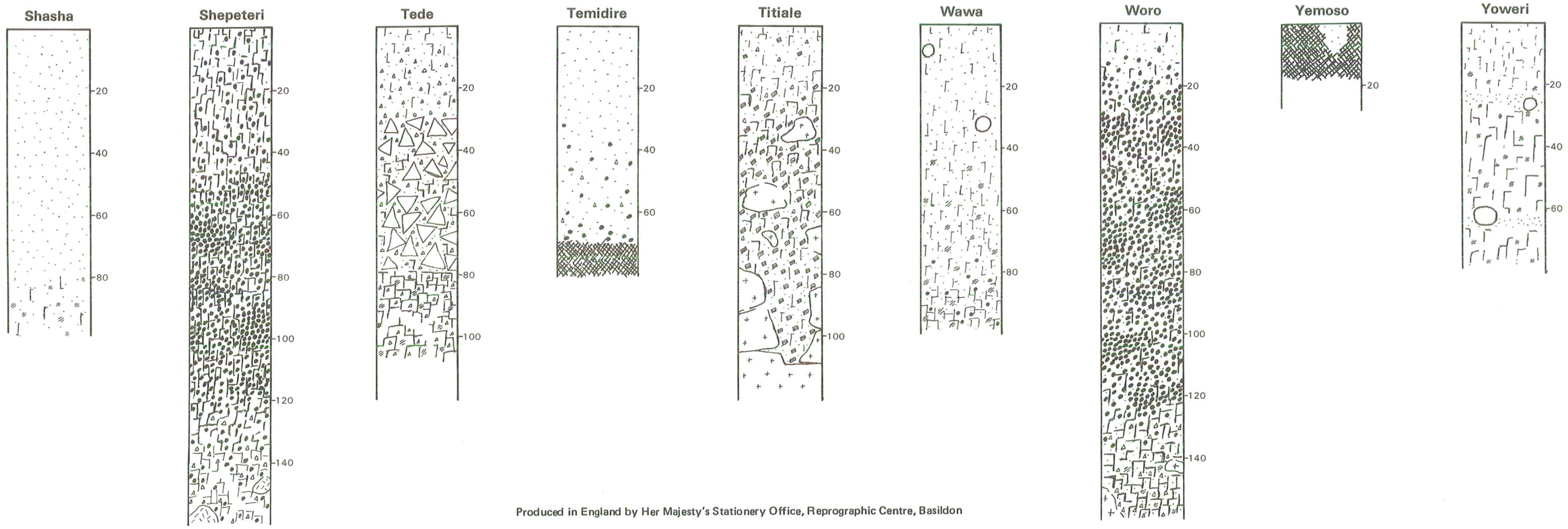
- Iron or manganiferous concretions
- Quartz fragments or gravel
- Mica flakes
- Felspar fragments
- Mottles or reduced conditions
- Quartz or quartzite stones
- Waterworn pebbles

Parent Rocks and Stones

- Granite and gneiss
- Acid schist
- Basic schist
- Basic crystalline rock
- Amphibolite
- Quartzite
- Iron pan

DEPTHS IN CENTIMETRES





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