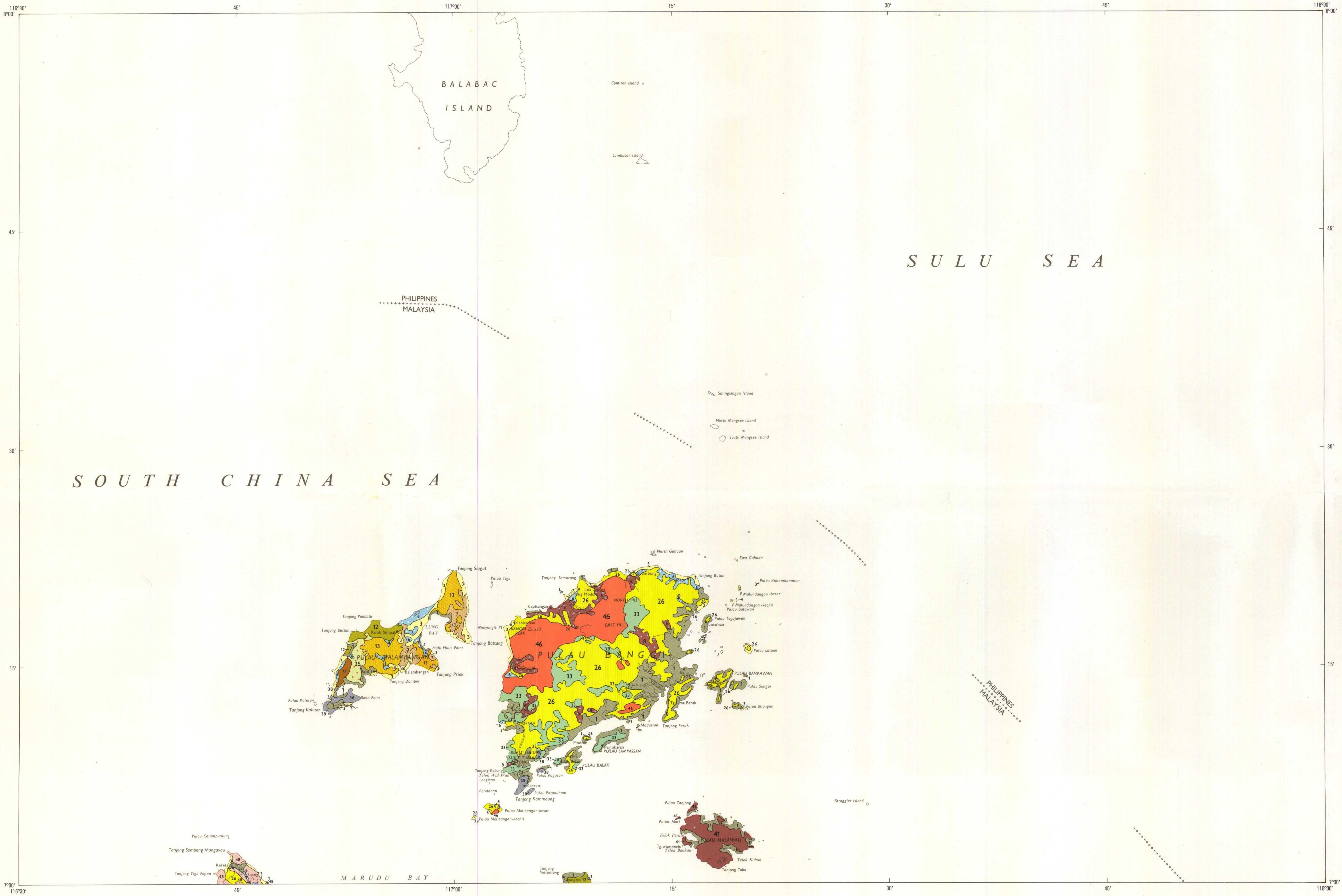
subject : Soils
scale : 1/250,000
map ref.: Mals 5.1 a/1
libr. ref.: As 4 - 35(f)

SYIT TANAHTANI *SOILS SHEET*	**PULAU BANGGI** **NB 50–3**

MALAYSIA (SABAH) 1:250,000

THE SOILS OF SABAH



Key	Association	Landform	Parent materials	Main soil units
1	Weston	Tidal swamps	Sulphidic alluvium, sulphidic peat and alluvium	Thionic Fluvisol; Dystric Histosol; Thionic Gleysol
2	Usukan	Beaches	Calcareous alluvium	Calcaric Regosol; Humic Gleysol
3	Tanjong Aru	Beaches	Alluvium	Dystric and Eutric Regosols; Humic, Dystric and Eutric Gleysols; Gleyic Podzol
4	Tuaran	Meander belts	Alluvium	Eutric Fluvisol; Gleyic, Dystric and Eutric Cambisols; Humic, Dystric and Eutric Gleysols
5	Kinabatangan	Floodplains	Alluvium	Gleyic Acrisol; Gleyic Luvisol; Humic, Dystric and Eutric Gleysols
6	Sapi	Swamps	Alluvium and peat	Humic, Dystric and Eutric Gleysols; Dystric Histosol
7	Klias	Swamps	Peat and alluvium	Dystric Histosol; Humic Gleysol
8	Binalik	Valley floors and terraces	Alluvium derived from ultrabasic rocks	Orthic Ferralsol; Gleyic, Ferric and Orthic Luvisols; Ferric and Orthic Acrisols
9	Karamuak	Valley floors and terraces	Alluvium and alluvium derived from basic/ultrabasic rocks	Gleyic, Chromic and Orthic Luvisols; Gleyic and Eutric Cambisols; Eutric Fluvisol
10	Labau	Valley floors and terraces	Alluvium	Gleyic and Dystric Cambisols; Dystric and Eutric Fluvisols; Gleyic and Orthic Acrisols
11	Binkor	Terraces	Alluvium	Dystric and Eutric Gleysols; Gleyic Luvisol
12	Brantian	Terraces	Alluvium	Orthic, Ferric and Gleyic Acrisols; Gleyic Podzol
13	Kepayan	Terraces	Alluvium	Gleyic Podzol; Gleyic Acrisol
14	Sook	Terraces	Alluvium	Gleyic and Orthic Acrisols; Gleyic Podzol; Dystric Gleysol
15	Sipitang	Swamps	Peat and alluvium	Dystric Histosol; Gleyic Podzol
16	Sinarun	Dissected terraces: slopes 15-25°	Alluvium, sandstone and mudstone	Orthic Acrisol; Dystric Gleysol; Dystric Cambisol
17	Tungku	Terraces	Calcareous alluvium	Chromic and Gleyic Luvisols
18	Pinosuk	Plateau with gently undulating surface and dissected terraces with slopes up to 25°	Colluvium, sandstone and mudstone	Gleyic Podzol; Gleyic and Orthic Acrisols; Humic and Dystric Gleysols
19	Tawai	Plateau with gently undulating surface	Ironstone and alluvium derived from ultrabasic rocks	Dystric Histosol; Dystric Gleysol; Dystric Cambisol
20	Tapang	Low hills (slopes 0-15°), terraces and valley floors	Basic igneous rocks and alluvium	Xanthic Ferralsol; Orthic Acrisol; Orthic Luvisol; Eutric Gleysol
21	Semporna	Very low hills: slopes 0-5°	Limestone	Calcic and Chromic Luvisols; Rendzina
22	Lungmanis	Very low hills (slopes 0-15°) and valley floors	Mudstone and alluvium	Gleyic, Ferric and Orthic Acrisols; Gleyic, Ferric, Chromic and Orthic Luvisols
23	Table	Dissected plateaus with flat to gently undulating surfaces	Basic igneous rocks	Xanthic and Orthic Ferralsols
24	Orchid Plateau	Plateau of low hills: slopes 15-25°	Basic and intermediate igneous rocks	Orthic Acrisol; Orthic and Chromic Luvisols
25	Silabukan	Low hills and minor valley floors: slopes 0-15°	Mudstone and alluvium	Gleyic, Ferric and Orthic Acrisols; Gleyic, Ferric, Chromic and Orthic Luvisols
26	Rumidi	Low hills and minor valley floors: slopes 0-15°	Mudstone, sandstone and miscellaneous rocks	Gleyic, Ferric and Orthic Acrisols; Gleyic, Ferric, Chromic and Orthic Luvisols
27	Sipit	Low hills: slopes 0-15°	Mudstone, sandstone and miscellaneous rocks	Ferric and Orthic Acrisols; Orthic Luvisol
28	Apas	Moderate hills: slopes 15-25°	Intermediate and acid igneous rocks	Rhodic Ferralsol; Orthic Acrisol; Eutric Cambisol
29	Kalabakan	Moderate hills: slopes 0-20°	Mudstone and sandstone	Ferric and Orthic Acrisols; Ferric, Chromic and Orthic Luvisols
30	Mawing	Moderate hills: slopes >25°	Mudstone and sandstone	Orthic Acrisol; Dystric Cambisol
31	Dalit	Moderate hills and minor valley floors: slopes 0-20°	Sandstone, mudstone and alluvium	Orthic, Ferric and Gleyic Acrisols
32	Tengah Nipah	Moderate hills and minor valley floors: slopes 0-20°	Sandstone, mudstone and alluvium	Ferric, Orthic and Gleyic Acrisols
33	Kretam	Moderate hills: slopes 0-20°	Mudstone, sandstone and miscellaneous rocks	Ferric and Orthic Acrisols; Ferric, Chromic and Orthic Luvisols
34	Beruang	High hills: slopes 15-25°	Basic igneous rocks	Ferric Acrisol; Orthic Luvisol
35	Dagat	Moderate hills: slopes 10-20°	Tuffaceous rocks, mudstone and sandstone	Chromic and Orthic Luvisols; Orthic Acrisol
36	Kennedy Bay	High hills: slopes >25°	Sandstone, mudstone and igneous rocks	Ferric Acrisol; Chromic and Orthic Luvisols; Dystric and Eutric Cambisols
37	Tiger	Very high hills: slopes >25°	Basic igneous rocks	Chromic and Eutric Cambisols
38	Gomantong	Very high hills: slopes >25°	Limestone	Calcic Luvisol; Rendzina
39	Lokan	Very high hills: slopes >25°	Sandstone and mudstone	Orthic Acrisol; Dystric Cambisol
40	Bang	Very high hills: slopes 15-25°	Mudstone, sandstone and miscellaneous rocks	Orthic Acrisol; Dystric Cambisol
41	Bidu Bidu	Mountains and hills	Ultrabasic igneous rocks	Rhodic and Orthic Ferralsols; Eutric Cambisol; Chromic and Orthic Luvisols; Lithosol
42	Mentapok	Mountains	Basic and intermediate igneous rocks	Chromic and Orthic Luvisols; Eutric Cambisol; Lithosol
43	Tinagat	Mountains	Basic and intermediate igneous rocks	Eutric Cambisol; Lithosol; Ferric Luvisol
44	Malubok	Mountains	Igneous rocks, sandstone, mudstone and chert	As for Associations 41, 42 and 47 with Chromic Cambisols and Lithosols on chert
45	Wullersdorf	Mountains	Intermediate and acid igneous rocks	Eutric Cambisol; Lithosol
46	Gumpal	Mountains and hills	Mudstone, sandstone and miscellaneous rocks	Orthic Acrisol; Orthic Luvisol; Dystric and Eutric Cambisols; Lithosol
47	Crocker	Mountains	Sandstone and mudstone	Orthic Acrisol; Chromic and Dystric Cambisols; Lithosol
48	Maliau	Mountain cuestas	Sandstone and mudstone	Orthic Acrisol; Dystric Cambisol; Gleyic Podzol; Humic Gleysol; Lithosol
49	Serudong	Dipslopes of mountain cuestas	Sandstone	Gleyic Podzol; Orthic Acrisol
50	Trusmadi	Mountains above 1 200 m (4 000 ft) a.s.l.	Sandstone and mudstone	Gleyic and Orthic Acrisols; Gleyic Podzol; Humic Gleysol; Dystric Histosol; Lithosol
51	Kinabalu	Mountains above 2 400 m (8 000 ft) a.s.l.	Acid igneous rocks	Humic Cambisol; Dystric Histosol; Lithosol

D.O.S. 3180A

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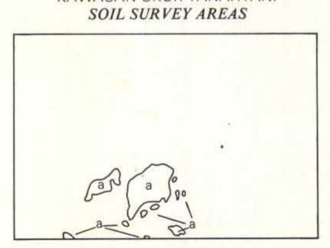
KAWASAN UKUR TANAHTANI
SOIL SURVEY AREAS



a. J. BELSHAM

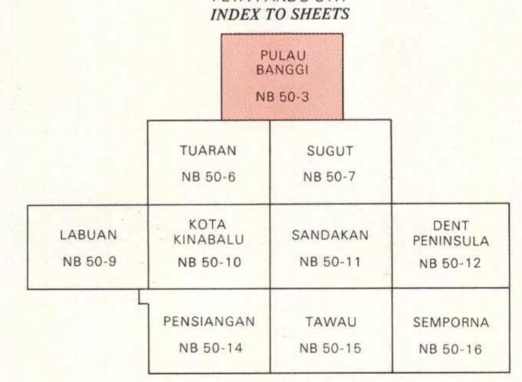
Sekil *(Scale)* **1:250,000**

Meter *Metres* 5000 0 5 10 15 20 25 30 35 40 Kilometer *Kilometres*
Batu *Miles* 5 4 3 2 1 0 5 10 15 20 Batu *Miles*

UKURAN TINGGI DENGAN UKURAN METER
ELEVATIONS IN METRES

Bandar *Town*	Sempadan Antara Bangsa *International Boundary*
Kampung *Village*	Sempadan Negeri *State Boundary*
Jalan *Road*	Sempadan Keresidenan *Residency Boundary*
Stesyen Penigasudutan *Trigonometrical Station*	

PETA PANDU SYIT
INDEX TO SHEETS



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Peta asas didapatkan dari punca-punca terbaik yang ada, dengan pindaan terhad oleh Pasukan Rancangan L.R.D.
Maklumat pakar disusun dari penyelidikan luar, dan tafsiran fòto udara yang berkaitan seperti yang ditunjukkan di gambarajah "Kawasan Ukur Tanahtani."

Peta ini berlampiran dengan Kajian Sumber Tanah 'The Soils of Sabah' diterbitkan oleh Land Resources Division, Overseas Development Administration, Tolworth Tower, Surbiton, Surrey, England, KT6 7DY.

Base map derived from best available sources, with limited revision by L.R.D. Project Team.
Specialist information compiled from field investigation, and related air photo interpretation, as indicated in the 'Soil Survey Areas' diagram.
This map accompanies a Land Resources Study 'The Soils of Sabah,' published by the Land Resources Division, Overseas Development Administration, Tolworth Tower, Surbiton, Surrey, England, KT6 7DY.

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