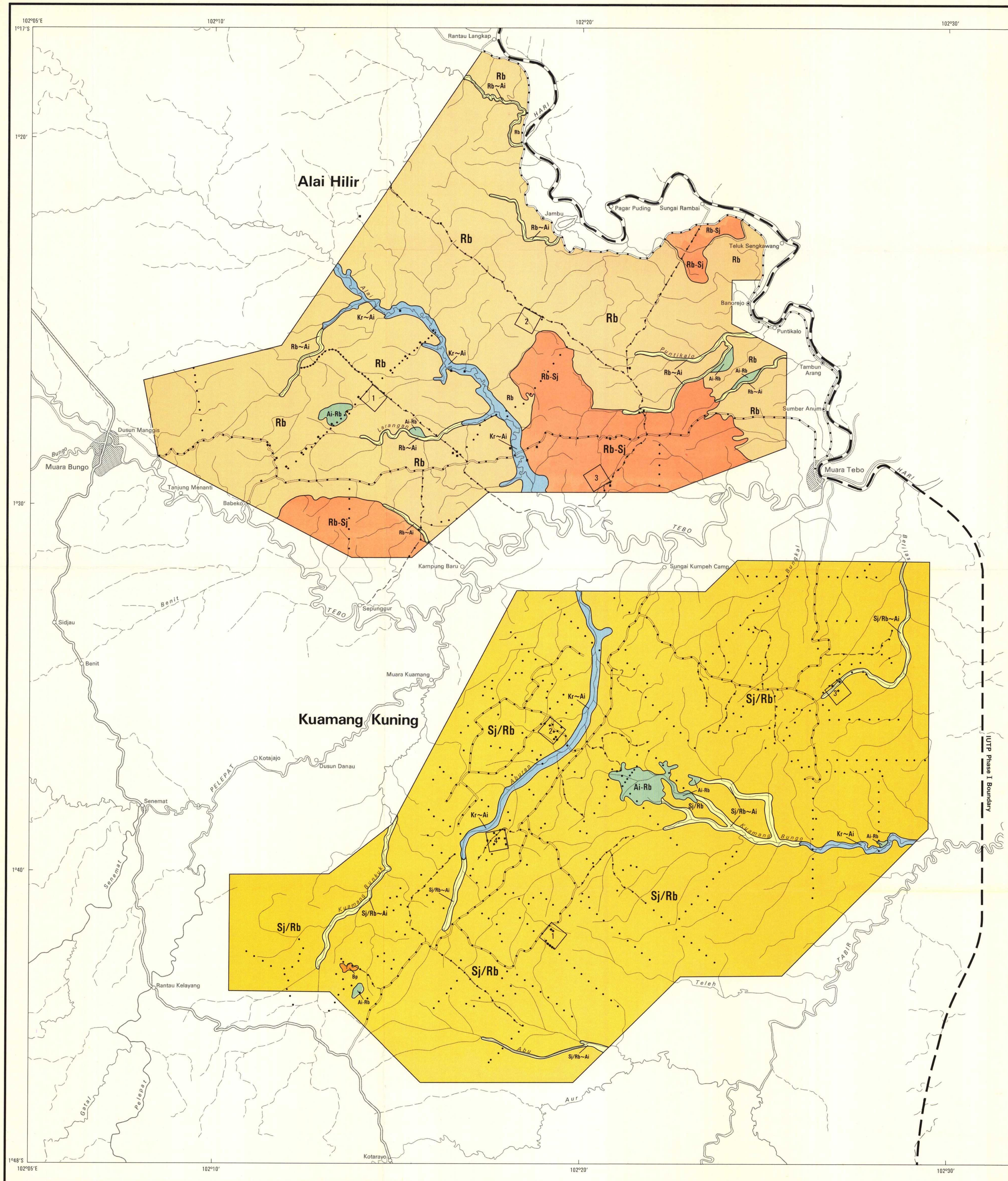
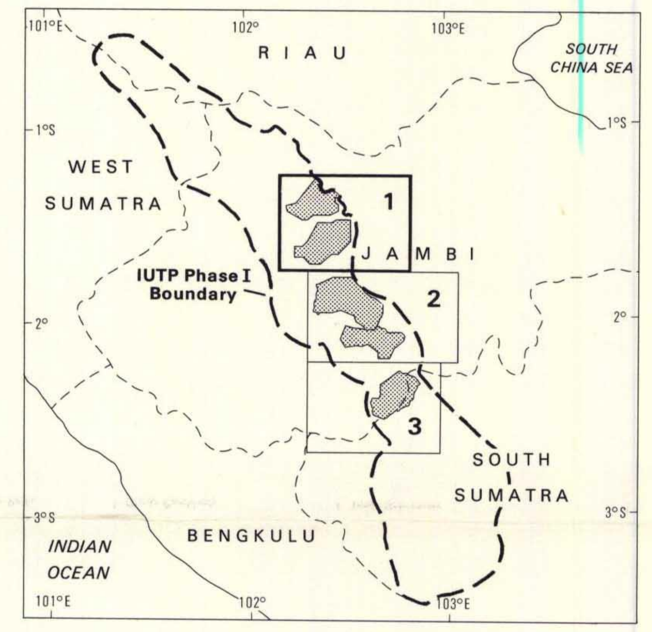
ALAI HILIR AND KUAMANG KUNING



Soil Mapping Units: Symbol	Soil Mapping Units: Name	Total area, ha	Soil series and approximate proportions: Major	Soil series and approximate proportions: Typical inclusions	Main characteristics of the major soil series	Typical topographic location	Tentative correlation with other systems of soil classification: LPT (1961) Subgroups	FAO/UNESCO (1974) Soil Units	USDA (1975) Subgroups
Rb	Rimbo Bujang Series	137,510	Rimbo Bujang (>60%)	Alai (all sites) Sijau (AH and S)* Kotorajo (S) Kersik (HU and KU) Tabir (HU and KU)	Deep, well drained, yellowish brown to reddish yellow clays derived from tuff	Interfluves to lower slopes	Yellow, Brown and Red Latosols	Orthic and Xanthic Ferralsols	Tropeptic and Typic Haplorthox
Rb-Sj	Rimbo Bujang-Sijau Association	5,720	Rimbo Bujang (>30%) Sijau (>30%)	Alai Rukani	Deep, well drained clays Deep, well drained clays with 'significant' clay increase	Interfluves to lower slopes	Yellow, Brown and Red Latosols Yellow, Brown and Red Podzolic Soils	Orthic and Xanthic Ferralsols Dystric Nitosols and Orthic Acrisols	Tropeptic and Typic Haplorthox Typic Paleudult and Orthoxic Tropudult
Sj/Rb	Sijau/Rimbo Bujang Association	57,340	Sijau (>50%) Rimbo Bujang (>20%)	Dalek Alai Gedang	Deep, well drained clays with 'significant' clay increase Deep, well drained clays	Interfluves to lower slopes	Yellow, Brown and Red Podzolic Soils Yellow, Brown and Red Latosols	Dystric Nitosols and Orthic Acrisols Orthic and Xanthic Ferralsols	Typic Paleudult and Orthoxic Tropudult Tropeptic and Typic Haplorthox
Bp	Batu Putih Series	20	Batu Putih (>60%)	Rimbo Bujang	Relatively shallow, well drained, yellowish red clay, derived from consolidated tuff	Interfluve summits, upper and middle slopes	Yellowish Red Lateritic Soils?	Dystric Cambisols	Typic Dystropept
Rb~Ai	Rimbo Bujang to Alai Association	5,190	Rimbo Bujang (>50%) Rukani Kersik Alai	Tabir Kotorajo	Deep, well drained clays, to very poorly drained, gleyed, alluvial clays	Middle and lower slopes to valley floors	Yellow, Brown and Red Latosols Alluvial Soils Low Humic Gley Soils Grey Hydromorphic Soils	Orthic and Xanthic Ferralsols Dystric Fluvisols Gleyic Cambisols	Tropeptic and Typic Haplorthox Aquic Haplorthox Typic Ochraquox Typic Umbraquox
Sj/Rb~Ai	Sijau/Rimbo Bujang to Alai Association	1,000	Sijau (>35%) Rimbo Bujang (>15%) Rukani Kersik Alai	Dalek Kotorajo	Deep, well drained clays with 'significant' clay increase Deep, well drained clays, to very poorly drained, gleyed, alluvial clays	Middle and lower slopes to valley floors	Yellow, Brown and Red Podzolic Soils Yellow, Brown and Red Latosols Alluvial Soils Low Humic Gley Soils Grey Hydromorphic Soils	Dystric Nitosols and Orthic Acrisols Orthic and Xanthic Ferralsols Dystric Fluvisols Gleyic Cambisols	Typic Paleudult and Orthoxic Tropudult Tropeptic and Typic Haplorthox Aquic Haplorthox Typic Ochraquox Typic Umbraquox
Kr~Ai	Kotorajo to Alai Association	7,380	Kotorajo Rukani Kersik Alai	Rimbo Bujang Tabir Rebah	Deep, well drained to very poorly drained, mainly clayey soils, derived from alluvium	Major valley floors	Alluvial Soils Low Humic Gley Soils Grey Hydromorphic Soils Humic Gley Soils	Orthic and Xanthic Ferralsols Dystric Fluvisols Gleyic Cambisols	Tropeptic and Typic Haplorthox Aquic Haplorthox Typic Ochraquox Typic Umbraquox Typic Hydraquent
Ai-Rb	Alai-Rimbo Bujang Association	2,280	Alai (>30%) Rimbo Bujang (>30%)	Rukani Kersik	Deep, very poorly drained, gleyed clays, derived from alluvium Deep, well drained clays	Dryland /mineral swamp complexes	Grey Hydromorphic Soils Humic Gley Soils Alluvial Soils Yellow, Brown and Red Latosols	Dystric Fluvisols Gleyic Cambisols Orthic and Xanthic Ferralsols	Typic Umbraquox Typic Ochraquox Typic Hydraquent Tropeptic and Typic Haplorthox
Rb~Ai/Sg	Rimbo Bujang to Alai/Singkut Association	5,880	Rimbo Bujang (>40%) Alai (>15%) Singkut (>10%)	Kersik Pelukar Rebah	Deep, well drained clays Deep, very poorly drained clays Deep, very poorly drained organic soils	Dryland / mineral and organic swamp complexes	Yellow, Brown and Red Latosols Alluvial Soils Grey Hydromorphic Soils Humic Gley Soils Organosols	Orthic and Xanthic Ferralsols Dystric Fluvisols Gleyic Cambisols Dystric Histosols	Tropeptic and Typic Haplorthox Typic Ochraquox Typic Umbraquox Typic Hydraquent Typic Troposaprist, Tropohemist and Tropofibrist
Ai-Ks-Rb	Alai-Kersik-Rimbo Bujang Association	1,850	Alai (>25%) Kersik (>25%) Rimbo Bujang (>25%)	Singkut Rebah	Deep, very poorly drained clays Deep, poorly drained clays Deep, well drained clays	Swamp / dryland complexes	Alluvial Soils Grey Hydromorphic Soils Humic Gley Soils Yellow, Brown and Red Latosols	Dystric Fluvisols Gleyic Cambisols Orthic and Xanthic Ferralsols	Typic Ochraquox Typic Umbraquox Typic Hydraquent Tropeptic and Typic Haplorthox
Sg~Rb	Singkut to Rimbo Bujang Association	8,180	Singkut (>20%) Kersik (>10%) Rimbo Bujang (>20%)	Alai Rukani Tabir	Deep, very poorly drained organic soils Deep, very poorly drained clays Deep, well drained clays	Swamp / dryland complexes	Organosols Humic Gley Soils Grey Hydromorphic Soils Alluvial Soils Yellow, Brown and Red Latosols	Dystric Histosols Gleyic Cambisols Dystric Fluvisols Orthic and Xanthic Ferralsols	Typic Troposaprist, Tropohemist and Tropofibrist Typic Hydraquent Typic Umbraquox Typic Ochraquox Tropeptic and Typic Haplorthox
Ai/Re	Alai/Rebah Association	3,370	Alai (>40%) Rebah (>20%)	Rimbo Bujang Kersik	Deep, very poorly drained clays Deep, very poorly drained clays with <50cm organic matter	Alluvial swamps	Alluvial Soils Grey Hydromorphic Soils Humic Gley Soils	Dystric Fluvisols Gleyic Cambisols Dystric Histosols	Typic Ochraquox Typic Umbraquox Typic Hydraquent Terric Troposaprist
Sg	Singkut Series	35,160	Singkut (>60%)	Rebah Alai	Deep, very poorly drained organic soils	Peat swamps	Organosols Humic Gley Soils	Dystric Histosols	Typic Troposaprist, Tropohemist and Tropofibrist Terric Troposaprist Hemic Troposaprist
Mg	Merangin Group	1,150	Rawas Margoyoso Un-named series (code 331) } (>60%)	Kutur Un-named series (code 341) Rimbo Bujang	Deep, mainly well to poorly drained terrace soils. Clayey to loamy; some sandy and/or gravelly horizons occur	Terraces of major regional rivers	Yellow and Brown Latosols Yellow and Brown Podzolic Soils Alluvial Soils	Orthic and Xanthic Ferralsols Dystric Nitosols Dystric Gleysols Dystric and Eutric Fluvisols Gleyic Cambisols	Tropeptic, Typic and Aquic Haplorthox Typic Paleudult Typic Tropofluvent Oxic and Aquic Dystropept
Ms	Margoyoso Series	840	Margoyoso (>60%)	Rimbo Bujang	Deep, well to moderately well drained, pale brownish, loams or clays, frequently with gravels below 1m	Terraces of major regional rivers	Yellow and Brown Latosols Yellow and Brown Podzolic Soils Alluvial Soils	Orthic and Xanthic Ferralsols Dystric Nitosols Dystric Gleysols	Tropeptic and Typic Haplorthox Typic Paleudult Oxic Dystropept
Rs	Rawas Series	430	Rawas (>60%)	Rimbo Bujang	Deep, well to moderately well drained, pale brownish, loams or clays, frequently with rounded stones below 1m	Terraces of major regional rivers	Yellow and Brown Latosols	Orthic and Xanthic Ferralsols	Tropeptic and Typic Haplorthox

- Equal proportions / Left hand unit greater proportion ~ Range, usually toposequence * AH Alai Hilir site; S Singkut site; HU Hitam Ulu site; KU Kubang Ujo site



SCALE 1:100,000

Metres 2000 1000 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 Kilometres

Mile 1 ¾ ½ ¼ 0 1 2 3 4 5 6 7 8 Miles

Town
Village
Trans-Sumatra Highway
Other roads
Tracks
Watercourse
Indefinite watercourse
Soil sample site
Soil observation site
Sample area 2

This map accompanies *Project Record 43, Republic of Indonesia and United Kingdom Transmigration Project. Review of the soils in central Jambi Province,* and together with the report is published by the Land Resources Development Centre, Overseas Development Administration, Tolworth Tower, Surbiton, Surrey, England KT6 7DY.

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Specialist information by the Project Team.