

WDSSAC: 42449

631.473
(911.14)

Report No. 108

**Report on a Semi-Detailed Soil Survey
of the
PAYA SELANYAU, PAYA PADANG AND
PAYA SEPURAU IRRIGATION SCHEME**

4th Division

**by
Ahmad Haji Ebon
(A.A.O. Soil Survey)**

**Soil Survey Division
Research Branch**

**Dept. of Agriculture
August, 1967. Sarawak**

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HUNTING TECHNICAL SERVICES

Report on the Semi-Detailed Soil Survey of Paya Selanyau,
Paya Padang and Paya Sepurau, Irrigation Scheme, Fourth
Division

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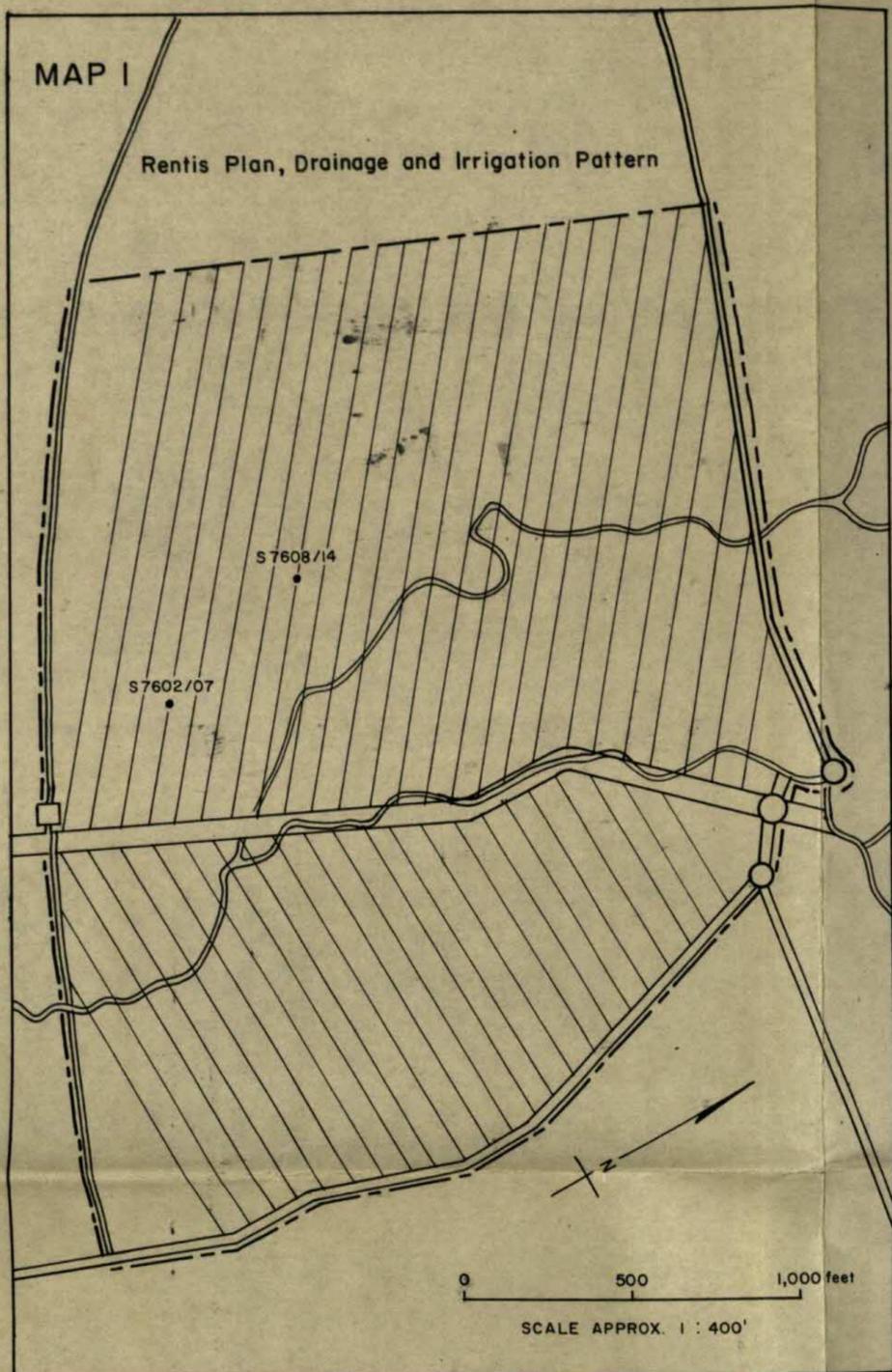
A semi-detailed soil survey of Paya Selanyau, Paya Padang and Paya Sepurau together with the adjacent areas to these 'payas' as shown on the map, was carried out between the 3rd August and 9th August, 1967.

The surveyed ^s showed that, except for the two areas of Anderson 1 (shallow peat) south of Paya Selanyau and west of Paya Padang, the areas are mainly covered with Recent Alluvial soils of the Sebandi Family (peat up to 10 inches deep overlying grey clay). Soils on the isolated hills in Paya Sepurau and several foot-hills along the boundary of the area, belong mainly to a Residual member of the Red-Yellow Podsollic Soil Group namely the Merit Family.

From the soil point of view there are no limitations to padi growing in these 'payas' except for the possible 'hollows' (Local depressions) in the Anderson/Mukah areas which could only be used after drainage.

Approximate acreages of the various soil types are shown in the key on the soil map enclosed in the folder of this report.

DETAILED SOIL SURVEY OF NORTHERN PAYA SELANYAU FOR PROPOSED PADI TESTING STATION



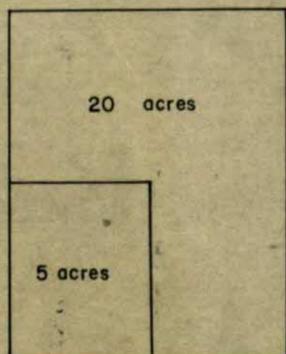
KEY TO SOIL

MAPPING SYMBOL	SOIL FAMILY	MAIN CHARACTERISTICS
Sbd	Sebandi	4-8" of semi-decomposed grass and grass roots over light grey or grey clay; Topography flat; water table 2"-4" above surface.
Bjt 1	Bijat Very poorly drained	Light grey to grey clay, strongly mottled between 10" - 24"; characterised by rugged micro-relief; water distribution over surface generally not uniform.
Bjt 2	Bijat Poorly drained	Yellowish brown clayloam to clay; mottled light grey in subsoil, contains small inclusions of soil of Seduau family along stream. Topography is slightly undulating with strong micro-relief; water table generally 6" from surface.
		----- Boundary of area proposed for padi station.

LEGEND

- Main drain
- Canal
- Stream
- Headworks
- End control and control drop
- Offtake
- Boundary of area surveyed
- Soil observation lines
- Locations of soil samples

Approx. areal scale



February, 1970.

Soil Survey Drawing No. 227
Survey Area No. 138

Base map derived from Drainage and
Irrigation Department, Sarawak.

Compiled by C.P. Lim
Drawn by Sebli Mohd. Ap

