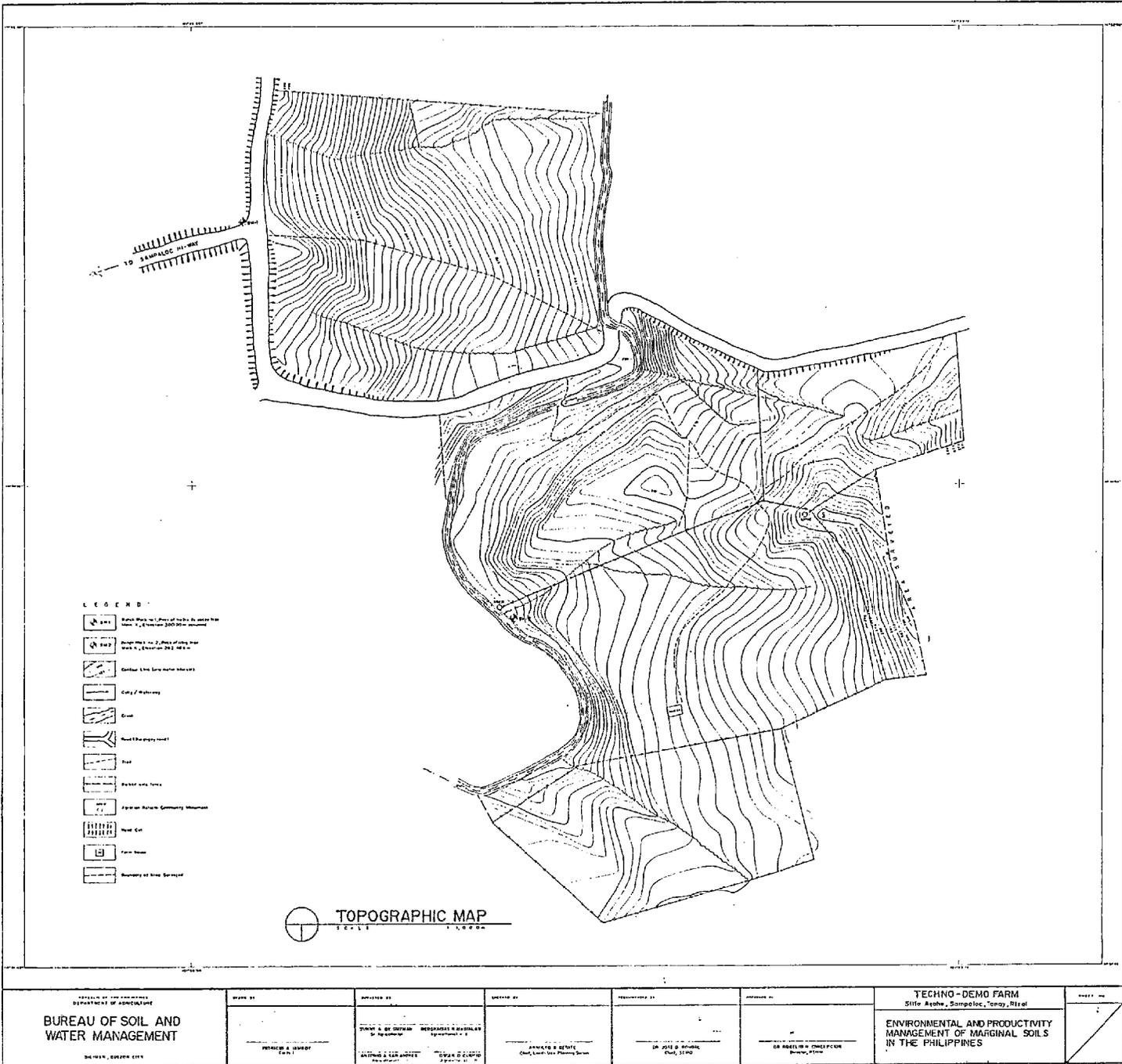
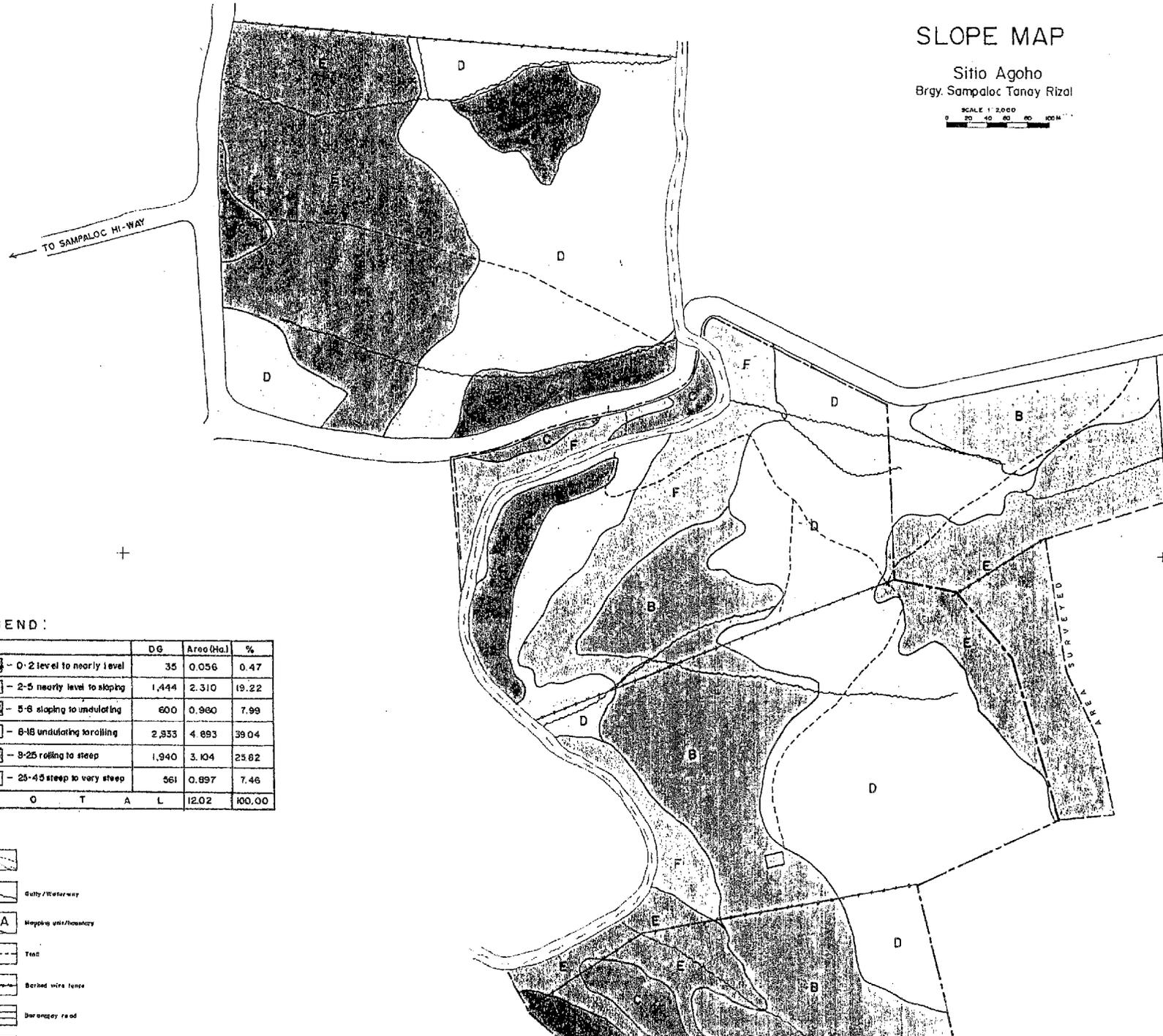
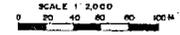


資料 7 TDF候補地の地図 (タナイヒキボノン)  
 資料 7-1 TDF地図 (タナイ) (TOPOGRAPHIC MAP: Sampaloc, Tanay, Rizal)



# SLOPE MAP

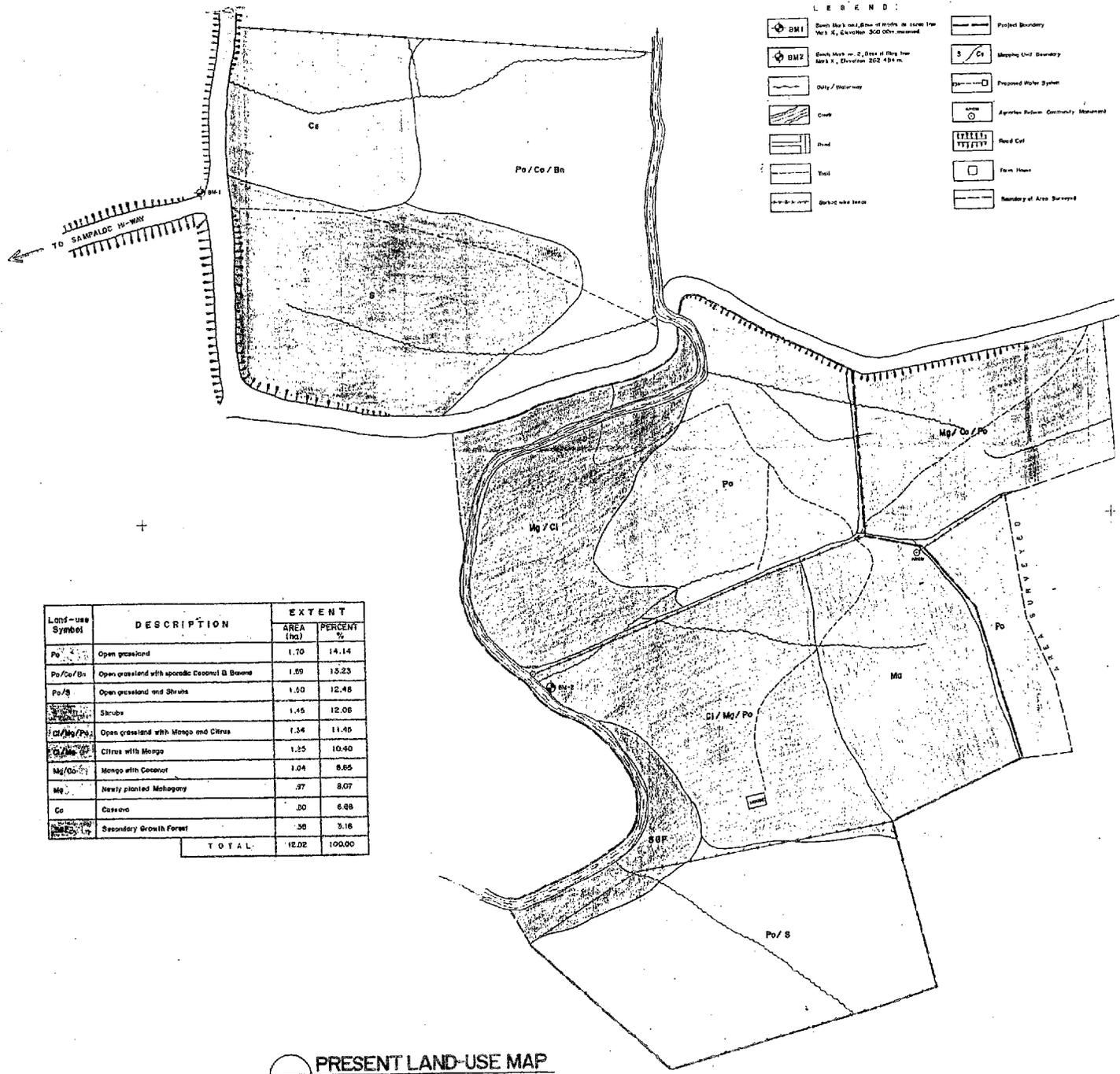
Sitio Agoho  
Brgy. Sampaloc Tanay Rizal



## LEGEND:

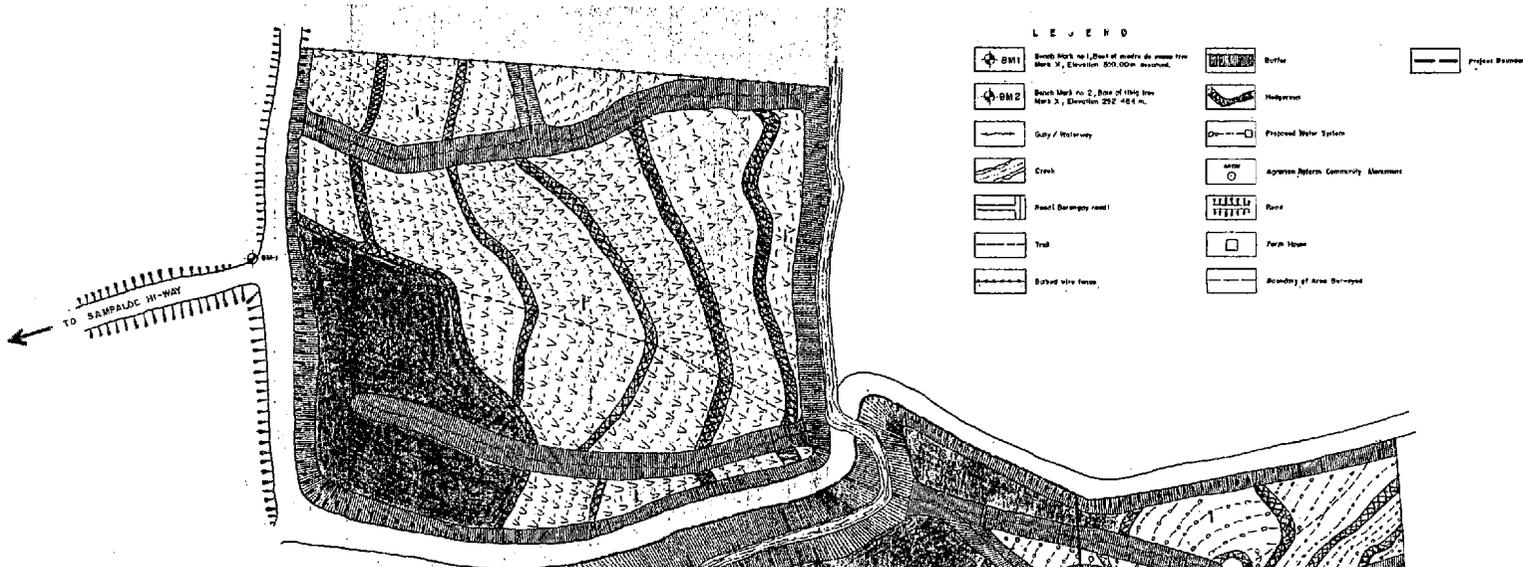
	DG	Area (Ha.)	%
- 0-2 level to nearly level	35	0.056	0.47
- 2-5 nearly level to sloping	1,444	2.310	19.22
- 5-8 sloping to undulating	600	0.960	7.99
- 8-18 undulating to rolling	2,853	4.693	39.04
- 18-25 rolling to steep	1,940	3.104	25.82
- 25-45 steep to very steep	561	0.897	7.46
T O T A L		12.02	100.00

- Gully/Waterway
- Mapping unit/contour
- Trail
- Barbed wire fence
- Driveway road



Land-use Symbol	DESCRIPTION	EXTENT	
		AREA (ha)	PERCENT %
Po	Open grassland	1.70	14.14
Pa/Ce/Bn	Open grassland with sporadic Coconut & Banana	1.09	15.23
Pa/B	Open grassland and Shrubs	1.00	12.48
	Shrubs	1.45	12.06
Ci/Mg/Po	Open grassland with Mango and Citrus	1.34	11.40
Ci/Mg	Citrus with Mango	1.25	10.40
Mg/Ce	Mango with Coconut	1.04	8.65
Mg	Newly planted Mahogany	.37	8.07
Ce	Cassava	.30	6.88
SGF	Secondary Growth Forest	.50	3.16
TOTAL		12.02	100.00

PRESENT LAND-USE MAP  
SCALE 1:10,000



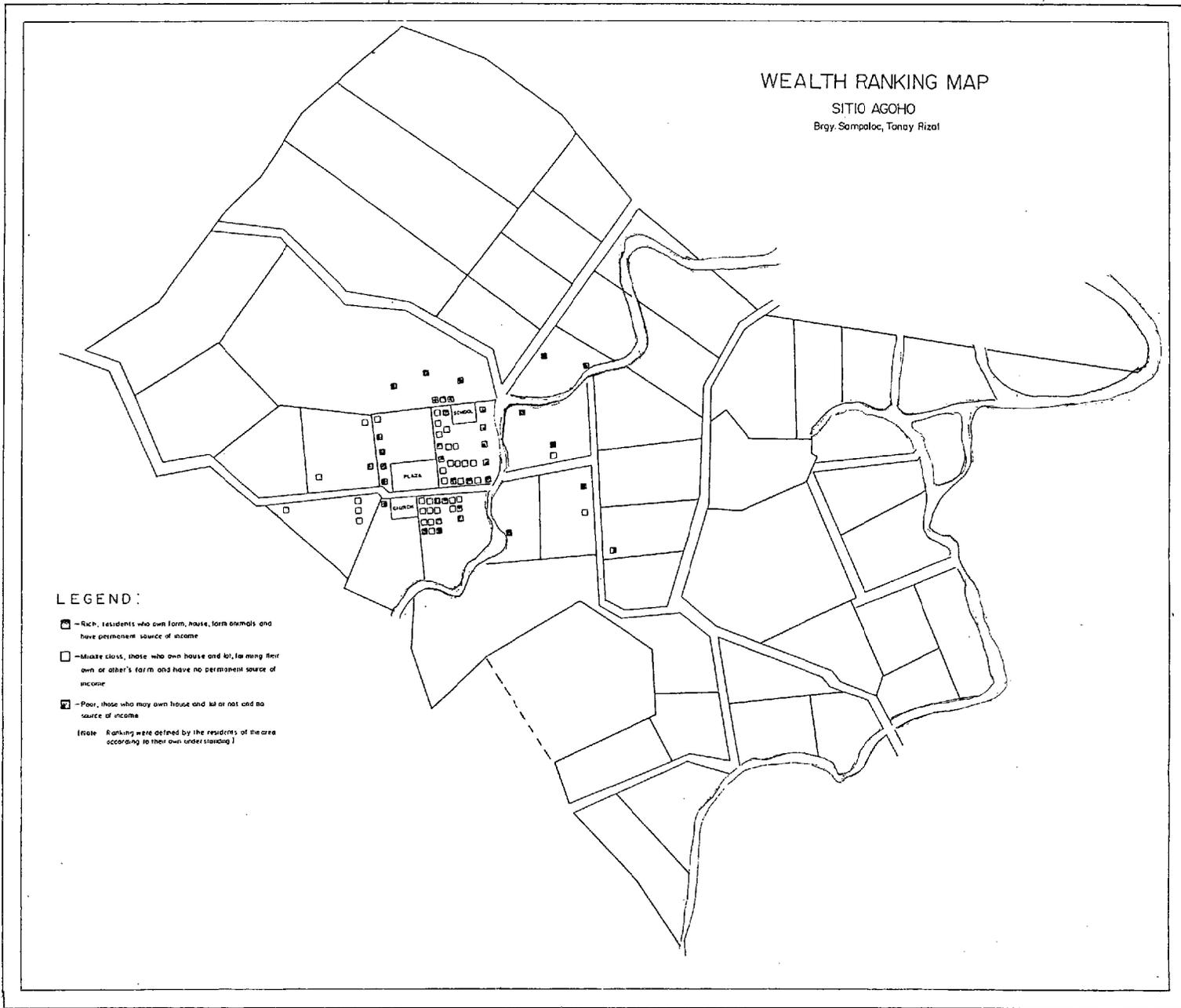
**LEGEND**

	Bench Mark No. 1, Base of main tree Mark 1, Elevation 300.00m assumed.		Buffer		Project Boundary
	Bench Mark No. 2, Base of 10m tree Mark 2, Elevation 292.464 m.		Hedge-row		
	Utility line		Precision Meter System		
	Road		Agroforestry Community Management		
	Road		Rice		
	Road		Farm House		
	Road		Boundary of Area Surveyed		

Lot no.	Land-use	Crops to be Planted	Planting Calendar	Area (ha.)	RECOMMENDED SOIL, WATER CONSERVATION MEASURES AND CULTURAL MANAGEMENT PRACTICES	
I	Diversified Cropland	Citricids Fruit trees: - Citrus - Guava - Carabao - Sinaloa - Chico - Mango Cash crops: - Pineapple (1st. Season) - Ginger and - Rice/Corn - Peanut - Gobi / here - Vegetables May - June May - June	April - May May - June	6.43	1. Contour planting / planting. 2. Hedge-row planting. 3. Inter-cropping / Multi-storey cropping. 4. Agricultural residue management. 5. Establishment of runoff interceptors with soil building materials. 6. Liming and organic / inorganic fertilization (Base on laboratory analysis). 7. Proper water management.	
	Orchard	Fruit trees: - Mango - Citrus - Jack fruit - Sinaloa - Carabao - Chico Cash crops: - 1st cropping - 2nd - 3rd - 4th - 5th - 6th - 7th - 8th - 9th - 10th May - June May - June October	May - June	1.30	1. Contour planting 2. Multi-storey cropping 3. Cover cropping 4. Buffer strip cropping 5. Planting cash crops 6. Agricultural residue management 7. Liming and fertilization (Base on laboratory analysis). 8. Use of runoff interceptors with soil building materials.	
III	Agro forest	Forest trees: - Mangrove - Nipa - Lumn - Molberry Cash crops: - Pineapple - Gobi / Ubi May - June May - June	May - June	.78	1. Contour planting 2. Cover cropping 3. Planting cash crops 4. Liming and fertilization (Base on laboratory analysis). 5. Use of runoff interceptors with soil building materials.	
IV	Wood land	Forest tree - Lumn - Nipa - Mangrove Cash crops: - Pineapple - Ubi - Gobi May - June	May - June	.51	1. Contour planting 2. Cover cropping 3. Liming and fertilization (Base on laboratory analysis). 4. Planting cash crops	
V	Crop land	Pineapple Rice/Corn Ginger Vegetables 1st cropping May - June 2nd cropping October	May - June	27	1. Hedge-row/Alley cropping 2. Agricultural residue management 3. Crop rotation/relay cropping 4. Application of organic and inorganic fertilizer (Base on laboratory analysis). 5. Use of runoff interceptors with soil building materials.	
VI	Buffer	Bamboo - do - - Grass May - June	May - June	2.73	1. Contour planting 2. Buffer strip planting 3. Use of runoff interceptors with soil building materials.	
<b>TOTAL AREA (Has.)</b>					<b>12.02</b>	

**PRELIMINARY FARM PLAN**  
SCALE 1:10,000

資料 7-4 TDF 地図 (タナ) (PRELIMINARY FARM MAP: Sampaloc, Tanay, Rizal)





Detailed Soil Survey of EPMMA Project  
Intavas, La Fortuna, Impasug-ong, Bukidnon

**I-A. Soil Suitability Classification**

Soil map Code No.	Soil Type Name	Soil Name Description	Soil Mapping Unit Code	Soil Taxonomy Classification	Area (ha.)	Percent (%)	Suitability Classification				
							Leafy Vegetables	Aspa-ragus	Corn	Coffe/ Cacao	Banana
1	Adtuyon silty clay loam	Adtuyon silty clay loam, very deep solum, 2.0-5.0 percent slope, not subject to erosion	AdM5 Beo	<i>Isothermic, Fine</i>	0.97	15.52	S1	S1	S1	S1	
	Adtuyon silty clay loam	Adtuyon silty clay loam, very deep solum, 5.0-8.0 percent slope, subject to slight erosion	Adm5 Ce1	<i>Loamy, Typic</i>	1.57	25.15	S1	S1	S1	S1	
	Adtuyon silty clay loam	Adtuyon silty clay loam, very deep p solum, 8.0 to 15.0 percent slopes to moderate erosion	Adem5 De2	<i>Hapludults</i>	0.79	12.64	S2	S1	S2	S1	
4	Adtuyon silty clay loam	Adtuyon silty clay loam, very deep solum, 15.0-25.0 percent slopes, subject to moderate/severe erosion	Adem5 Ee2/3		2.67	33.12	S2/3	S2	S2/3	S2	S1
	Adtuyon silty clay loam	Adtuyon silty clay loam, deep solum, 25.0-45.0 percent slopes, subject to severe erosion	Adm4 Fe3		0.78	12.48	S3	S2	S3	S2	
	Adtuyon silty clay loam	Adtuyon silty clay loam, deep solum, 45.0-60.0 percent slopes, subject to extreme erosion	Adm4 Ge4		0.07	1.12	NS	S3	S3	S3	S3

Soil map Code No.	Lamination	Management Requirements
1	Low pH	Proper management practices that include proper land preparation, liming, proper application of organic and inorganic fertilizer, establishment of adequate drainage and green manuring.
	Low pH and erosion	Proper management practices that include contour farming, terracing, strip cropping and buffer strip cropping, crop rotation and green manuring, proper application of recommended fertilizers.
	Slopes erosion and Low pH	Proper management practices that includes, selection of shallow rooted crops, terracing, strip cropping, cover cropping contour farming crop rotation, green manuring and fertilization.
4	Slopes erosion and Low pH	Control of destructive practices like plowing across the slopes, proper selection and use of suitable species of industrial crops, proper time and amount of application of fertilizers.
	Slopes erosion and Low pH	Proper maintenance of natural vegetation, planting of permanent crops along the contour and planting of hedge rows along the slope.
	Very steep slope, extremely erode and low pH.	-do-

**I-B. Suitability Class**

- S1 - Highly Suitable
- S2 - Moderately suitable
- S3 - Marginally suitable
- NS - Not suitable

**II. Soil Mapping and Classification Definition**

**A. Soil Type**

Adtuyon

**B. Soil Limitation**

- t- soil texture
- d- drainage
- s- slope
- e- Erosion
- m- Soil depth
- p- soil reaction (pH)

**C. Slope Class (%)**

- B - 2.0-5.0% - Nearly level to gently sloping
- C - 5.0-8.0% - Gently sloping undulating
- D - 8.0-15.0% - Undulating to rolling
- E - 15.0-25.0% - Rolling to strongly rolling
- F - 25.0-45.0% - Strongly rolling to steep slope
- G - 45.0-60.0% - Steep to very steep slope

**D. Effective Soil Depth**

- M4 - Deep soil
- M5 - Very deep soil

**E. Erosion Class**

- 0 - No apparent erosion
- 1 - Slightly eroded
- 2 - Moderately eroded
- 3 - Severely eroded
- 4 - Extremely eroded



