FACTSHEET: PAMBADENIYA MICROWATERSHED

BASIC DATA: Location:

Pambadeniya micro-watershed with area of 83 hectares which is located in *Pambadeniya* and *Panwilathanna* GN divisions of *Doluwa* divisional secretariat division and Pambadeniya GN division covers 85% of this micro watershed. *Pambadeniya* micro watershed is located in *Atabage oya* sub-watershed of *Mahaweli* river basin.

Figure 1:Pambadeniya watershed location in the Doluwa Divisional Secretary area - source Questionnaire survey 2018

Population

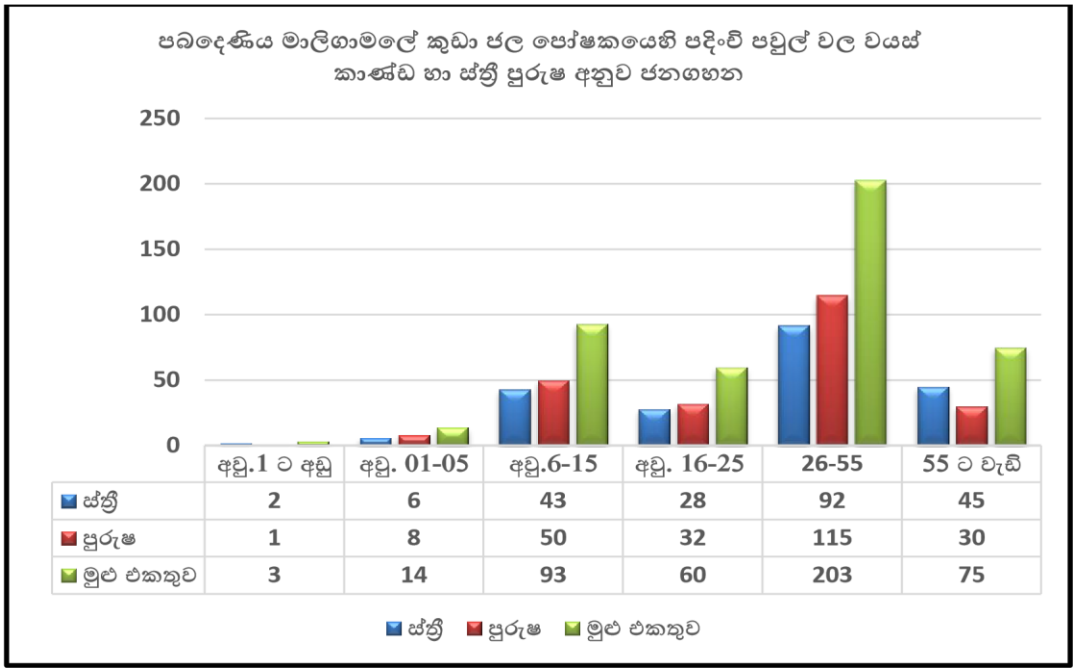

Figure 2:Population distribution of the Pambadeniya mini watershed

Table 1: Land use and basic data

Micro watershed name	**Pabadeniya,**
DS Division	Doluwa
GN Divisions	Pabadeniya (1148) Panvilathenna (1147)
Number of farmers	135
Micro watershed extent (ha)	83
Agricultural land extent (ha)	59
Tea (ha)	30
Home garden (ha)	10
Mixed crops (ha)	19
Abandoned agricultural paddy lands (ha)	3.5
Abandoned agricultural up lands (ha)	4.4
Forest (ha)	15
Other (cemetery, playground etc) (ha)	1
Total	82.8

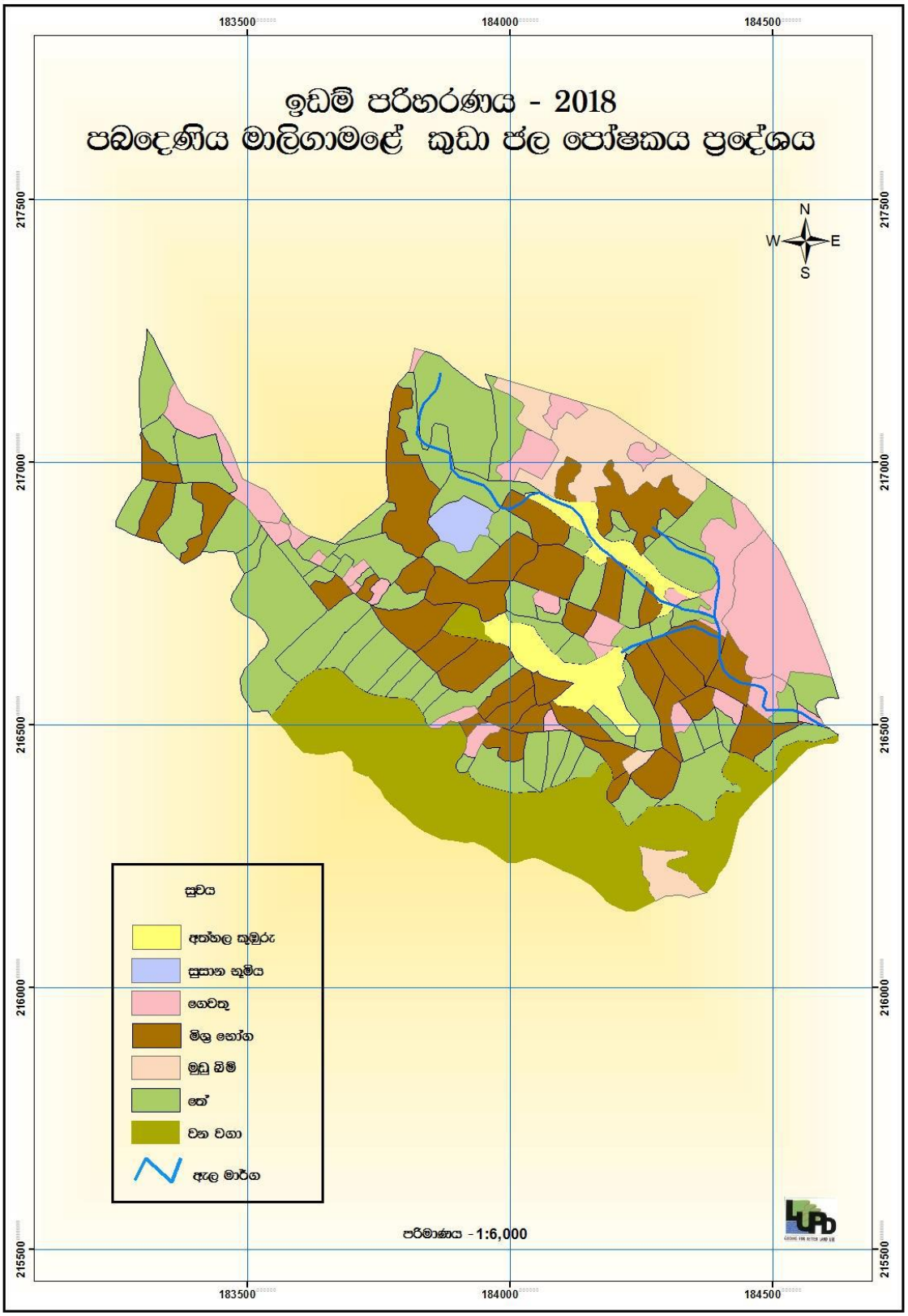

Figure 3: Land use map - source Questionnaire survey 2018

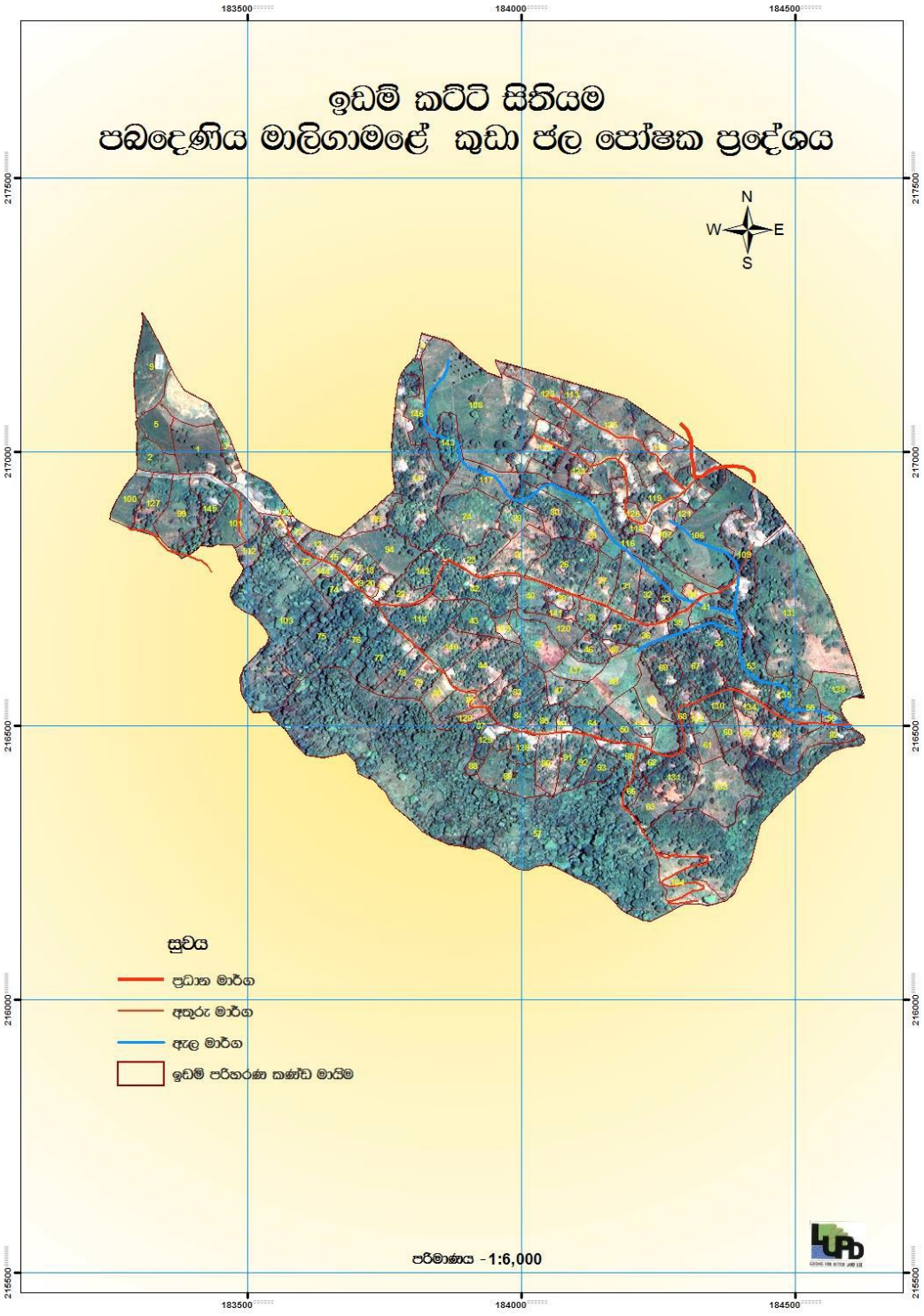

Figure 4: Google image - source Questionnaire survey 2018

Figure 5: Heavily eroded lands around the houses

Figure 6: Low productive tea land

Figure 7: Degredaed agricultural lands

Table 2;Income from different crop combination

	Monthly income LKR and number of farmers under each category					
Income source	Less than 5000	5001-15000	15001-25000	25001-35000	35001-45000	Above 45000
Tea	20	30	5	4	5	7
Home garden	12	5	2			
Mixed crops	5	10	16	4	3	2

SUMMARY OF REQUESTED INTERVENTIONS FROM THE PROJECT BASED ON THE PRA OF PLUP

1. Establish forest cover around the water fountain which is the drinking water source
2. Bund conservation along the *Maligamale* stream
3. Technical and financial assistance for conservation of degraded agricultural lands
4. Training and demonstrations on SLM techniques
5. Preparation of farm plan for individual farmers
6. Promote farmers' attitudes and capacity to maintain proper plant density
7. Support the needy farmers with planting materials after adopting the conservation techniques
8. Train and support farmers on shade management knowledge, techniques
9. Crop diversification for increased income and SLM approach
10. Introduce self-employment opportunities
11. Deeds for deedless lands
12. Minimize wild animal damages
13. Off-farm conservation activities such as culvert, lining of heavily eroded locations
14. Construction of community center for the village.

PROJECT INTERVENTIONS

1. Training on sustainable land management practices
2. Introduction of sustainable land management techniques
3. Introduction of crop dairy integrated model
4. Introduction of Vanilla for women farmers in the area

TRAINING ON SUSTAINABLE LAND MANAGEMENT PRACTICES AND INTRODUCTION OF SUSTAINABLE LAND MANAGEMENT TECHNIQUES

Date	Training Description	Type	Male	Femele
18-Jul-18	Field Training on SLM for Tea farmers	Exposure visit	9	21
12-Sep-18	Exposure visit to visit to Rikillagaskada - Wetakedeniya on vanilla cultivation for Pambadeniya farmers	Exposure visit	11	24
14-Oct-18	Field Training on SLM for Vanilla growers	Exposure visit	12	34
22-Feb-19	Awareness and farm planning training for small holder farmers in Pambadeniya	Training	6	16
1-Mar-19	Awareness and farm planning training for smallholder farmers	Awareness and training	26	20
6-Mar-19	Group discussion, awareness and motivation on SLM	Awareness and training	16	30
7-Mar-19	Field training programme of SLM practices for stallholder farmers in Pambadeniya	Training		8
11-Mar-19	Training workshop for demo farmers for tea sector by TSHDA Kandy in Pambadeniya	Training	13	6

Figure 8: Introduction of A-frame

Figure 9: Field training

Figure 10: Implementation of soil conservation techniques

Figure 11: Training on land preparation for vanilla

Figure 12: Vanilla with soil conservation

Figure 13: well establish vanilla beds with proper soil conservation