

ABSTRACT

DETAILED SOIL AND LAND USE SURVEY REPORT OF PRIORITY SUBWATERSHEDS Taif & Taik OF TISTA R.V.P. P.S. RABANGLA AND MONGAN, DIST. NORTH AND SOUTH SIKKIM, SIKKIM STATE.

1. Survey area:- Priority subwatershed No. Taif and Taik of Tista R.V.P. catchment P.S. Rabangla and Mongan, dist. south and North Sikkim, Sikkim state.

2.a. Total area surveyed:- 10,035 ha.

b. Period of survey - January to April 1984

c. Type of survey - Detailed.

3. Soil series mapped and areas covered under each.

<u>Sl.No.</u>	<u>Soil series</u>	<u>Taif</u> <u>Area in ha.%</u>	<u>Taik</u> <u>Area in ha.%</u>
1.	Assam(A)	67 (0.6)	41 (0.4)
2.	Kadamtan(KD)	67 (0.6)	-
3.	Lingze(LN)	333 (3.3)	278(2.8)
4.	Naitam(NT)	407(4.1)	4465(44.5)
5.	Namgechanga(N)	948(9.5)	415(4.1)
6.	Pakyong(P)	339(8.4)	263(2.6)
7.	Others features like river, nala, land slides and rock clips etc.	206(2.1)	1706(17.0)
	Grand total	2867(28.6)	7168(71.4)

Land capability classes with area under each series.

<u>Sl.No.</u>	<u>Land capability</u> <u>unit</u>	<u>Taif</u> <u>area in ha</u> <u>(%)</u>	<u>Taik</u> <u>area in ha</u> <u>(%)</u>	<u>Name of the soil series</u>
1.	II-1	67(2.3)	-	Kadamtan
2.	III-1	679(23.7)	221(3.1)	Lingze and pakhyong
3.	IIIc-1	227(7.9)	41(0.6)	Assam, pakhyong
4.	IVe-1	66(2.3)	246(3.4)	Lingze, Pakhyong
5.	IVe-2	267(9.3)	74(1.0)	Lingze
6.	IVes-1	475(16.6)	114(1.6)	Namgechanga
7.	VIs-1	473(16.5)	301(4.2)	"
8.	VIs-1	407(14.2)	4202(58.6)	Naitam
9.	VIIes-2	-	263(3.7)	"
10.	Other features like land slides rock clips, river, nala etc.	206(7.2)	1706(23.8)	
	Total	2867	7168	