A B S T R A C T (i)

1. Survey area. Priority sub water shed Nos. Talh, Talj, Ta2c, Tb4c, Tb4d, Tb5a and Tb7a of Tista R.V.P. Catchment, Sikkim State
2. (a) Total area reported 29079 ha.
   (b) Period of survey. November, 1982 to June, 1983
   (c) Type of survey: Detailed
3. Soil series mapped and area covered by each sub water shed wise in ha.

Sl.No.	Soil series	Area in ha %	Talh	Talj	Ta2c	Tb4c	Tb4d	Tb5a	Tb7a
1.	Assam(A)	606 2.1	143 3.3	-	-	53 1.5	-	98 4.6	312 7.0
		272	-	-	-	72	200	-	-
2.	Burdang(BD)	0.0				2.1	3.0		
		1905					108	332	1465
3.	Gompa(G)	6.6					1.6	15.5	32.8
4.	Lingze (LN)	1642 5.6	-	-	1506 31.3	26 0.8	-	110 5.1	-
5.	Naitam (NT)	8071 27.8	2241 52.1	1548 47.6	436 9.1	662 19.2	1886 28.3	50 2.3	1248 28.0
6.	Namgachangalg(N)	9268 31.9	433 10.1	653 20.0	1886 39.2	1755 50.8	3317 49.9	368 17.1	856 19.2
7.	Pakyong (P)	5189 17.8	897 20.9	769 23-7	664 13.8	565 16.3	864 13-0	1000 46.5	430 9.8
8.	Saramasa (SM)	136 0.4	52 1.2	12 0.4	72 1.5	-	-	-	-
9.	Other features like land slides rock clip & river	1990 6.9	534 12.4	269 8.3	248 5.1	323 9.3	281 4.2	192 8.9	143 3. 2
	Total:	29079	4300	3251	4812	3456	6656	2150	4454
	%		100	100	100	100	100	100	100

Area under different land capability classes
Sub-Watershed (Area in ha.)

Sl.No.	Land cap.class	Ta1h	Talj	Ta2c	Tb4c	Tb4d	Tb5a	Tb7a	Total
1.	II-1	52	12	72	-	-	-	-	136
	%	12	0.4	1.5					0.15
2.	III-1	897	300	770	296	381	992	430	4066
	%	2.1	9.2	16	8.6	5.8	46.1	9.7	14
3.	IIIe-1	-	-	-	-	-	98	312	410
	%						4.6	7.0	1.4
4.	IIIe-2	-	-	-	-	-	208	-	208
	%						9.7		0.7
5.	IIIs-1	-	-	-	27	140			167
	%				0.8	2.1			0.6
6.	IIIs-2	-	-	-	45	60	-	-	105
	%				1.4	1.0			0.4
7.	IVe-1	143	469	420	348	591	118	-	2089
	%	3.3	14.4	8.8	10.0	8.9	5.5		7.2
8.	IVe-2	-	-	980	-	-	124	1465	2569
	%			20.3			5.8	32.9	8.8
9.	IVes-1	48	530	889	-	-	44	20	1531
	%	1.1	16.3	18.4			2.0	0.4	5.2
10.	VIes-21	87	47	472	1755	1228	324	836	4749
	%	2.0	1.4	9.9	50.8	18.4	15.0	18.8	16.3
11.	VIes-2	298	76	525	-	2089	-	-	2988
	%	6.9	2.3	11		31.3			10.3
12.	VIIes-1	180	-	-	-	98	50	-	328
	%	4.1				1.4	2.3		1.1
13.	VIIes-2	2061	1548	436	662	1788	-	1248	7743
	%	48.0	47.7	9.0	19.1	26.9		28.0	26.7
	Total:	3766	2982	4564	3133	6375	1958	4311	2708
	Misc.	534	269	248	323	281	192	143	1990
	%	12.4	8.3	5.1	9.3	4.2	9.0	3.2	6.8
	Grand total:	4300	3251	4812	3456	6656	1250	4454	29079
		100	100	100	100	100	100	100	100