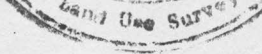


ABSTRACT



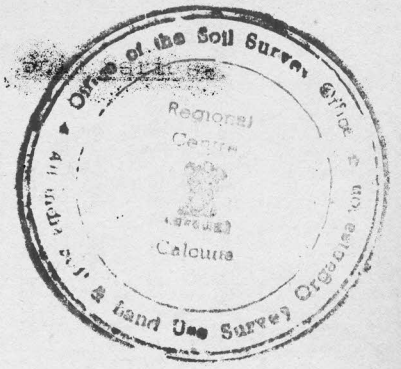
1. Survey area: Ta1c, Ta1d, Ta1g, Ta2a, Ta3f, Ta3g, Ta4d of Tista R.V.P Catchment, Sikkim State.
- 2.a) Total area reported:- 31639 ha.
- b) Period of survey:- November '79 to June 1980
- c) Type of survey:- Detailed.
3. Soil series mapped and areas covered under each.

<u>Sl.No.</u>	<u>Series.</u>	<u>Area in ha.</u>	<u>%</u>
1.	Aho (AH)	872	2.7
2.	Assam(A)	1247	4.0
3.	Burdang(BD)	41	0.1
4.	Bushuk(B)	237	0.7
5.	Gompa(G)	1095	3.4
6.	Kadamtam(KD)	414	1.3
7.	Kalejkhola(KK)	25	0.08
8.	Lagyap(L)	97	0.3
9.	Lingze(LN)	2324	7.3
10.	Naitam(NT)	4588	14.5
11.	Namgechanga(N)	4397	13.9
12.	Namphing(NP)	3287	10.5
13.	Pokyong(P)	2039	6.5
14.	Ramite(RT)	5954	18.9
15.	Samardang(SD)	113	0.4
16.	Sarmasa(SM)	406	1.2
17.	Sarik(SU)	3742	11.9
18.	L.S. & Misc. Rocky land type	59 & 702	0.1 & 2.2
		761	2.3

Total:- 31639 ha. 100%

4. Land capability classes with area under each.

Land capability unit	Area in ha.	%
IIE-1	439	1.4
IIE-2	406	1.3
IIIE-1	1362	4.4
IIIEs-1	41	0.1
IVE-1	9511	30.1
IVes-1	334	1.0
VIes-1	7224	22.8
VIIes-1	12322	39.0
<b>Total :-</b>	<b>31639</b>	<b>100%</b>



Sub-Watershed wise distribution of area different series.

Sl.No.	Series name with symbol.	Area in ha.	Name of sub watersheds.						
			Ta1c	Ta1d	Ta1g	Ta2a	Ta3f	Ta3g	Ta4d
1.	Aho (AH)	872	-	-	-	103	405	112	252
	%	100	-	-	-	11.8	46.5	12.9	28.9
2.	Assam (A)	1247	-	-	-	664	361	82	140
	%	100	-	-	-	53.2	29.0	6.6	11.2
3.	Burdang (BD)	41	25	16	-	-	-	-	-
	%	100	61.0	39.0	-	-	-	-	-
4.	Bushuk (B)	237	-	-	-	156	-	81	-
	%	100	-	-	-	65.9	-	34.1	-
5.	Gompa (G)	1095	380	560	-	58	-	20	75
	%	100	34.7	51.3	-	5.3	-	1.8	6.9
6.	Kadmtam (KD)	414	-	-	-	192	58	71	93
	%	100	-	-	-	46.3	16.0	17.1	22.6
7.	Kalejkhola (KK)	25	-	25	-	-	-	-	-
	%	100	-	100	-	-	-	-	-
8.	Lagyap (L)	97	-	-	-	77	-	20	-
	%	100	-	-	-	79.3	-	20.7	-
9.	Lingze (LN)	2324	-	-	-	566	550	214	994
	%	100	-	-	-	24.4	23.7	9.2	42.7
10.	Naitam (NT)	4588	417	188	1121	485	224	499	1734
	%	100	9.0	4.0	24.0	10.5	4.9	10.5	37.1
11.	Namgechanga (N)	4397	1148	788	446	1480	376	142	47
	%	100	26.1	17.9	10.1	33.5	8.4	3.2	1.0
12.	Namphing (NP)	3287	508	1668	1111	-	-	-	-
	%	100	15.4	50.7	33.9	-	-	-	-
13.	Pakyong (P)	2039	348	401	800	257	87	81	65
	%	100	17.4	19.6	39.2	12.6	4.2	3.9	3.1
14.	Ramite (RT)	5954	1903	674	1713	-	853	61	750
	%	100	32.0	11.3	28.8	-	14.3	1.0	12.6
15.	Samardong (SD)	133	133	-	-	-	-	-	-
	%	100	100	-	-	-	-	-	-
16.	Sarmasa (SM)	406	57	-	-	122	-	30	56
	%	100	14.2	-	-	30.0	-	7.3	7.3
17.	Sumik (SU)	3742	2279	1463	-	-	-	-	-
	%	100	60.9	39.1	-	-	-	-	-
18.	L.S & R.C Misc. land type	761	-	-	-	425	260	20	56
	%	100	-	-	-	56.0	34.1	2.6	7.3

