

A B S T R A C T

1. Survey area : Subwatershed nos. Tc2b, Tc2h, Tc2j, Tc2k, Tc2p, Tj1a, Tk1c of Tista R.V.P. West Bengal, P.S. Kalimpong and Ronglee, Dist: Darjeeling.
- 2.a. Total area reported and mapped : 11,418 ha.
- b. Period of survey : 26th November, 1982 to 14th February, 1983 and 14th May to 9th July, 1983
- c. Type of survey : Detailed.

3. SUBWATERSHEDSWISE AREA IN HA. MAPPED UNDER DIFFERENT SOIL SERIES:

SOIL SERIES (AREA AND %)

Sl. no.	Subwater-sheds	Total area in ha.	Durbin(DB)	Jit(J)	Lolegaon(L)	Paparkheti(P)	Others like L.S. River Ponds, etc.
a.	Tc2b	614(5.4)	-	435(70.9)	-	-	179(29.1)
b.	Tc2h	4810(42.1)	91(1.9)	2854(59.3)	1509(31.4)	274(5.7)	82(1.7)
c.	Tc2j	1602(14.0)	-	1135(70.9)	213(13.3)	254(15.8)	-
d.	Tc2k	1458(12.8)	-	292(20.0)	951(65.2)	215(14.8)	-
e.	Tc2p	1384(12.1)	31(2.2)	357(25.8)	789(57.0)	207(15.0)	-
f.	Tj1a	983(8.6)	42(4.3)	627(63.8)	161(16.4)	-	153(15.5)
g.	Tk1c	567(5.0)	19(3.4)	278(49.0)	193(34.6)	16(2.8)	50(10.2)
Total:-		11,418(100%)	183(1.6)	5978(52.4)	3819(33.5)	966(8.5)	472(4.0)

4. Land capability class

Sl. No.	Land capability	Area in ha	%	Soil series
1.	IV-1	717	6.2	Lolegaon, Paparkheti
2.	IVe-1	877	7.7	Lolegaon, Paparkheti
3.	VIe-1	3191	28.0	Lolegaon
4.	VIIes-1	3933	34.0	Jit
5.	VIIes-1	2228	20.0	Durbin, Jit
6.	Others	472	4.1	Misc.

5. Specific problems:

Sl. no.	Subwater-shed, code.	Area in ha.	Nature of problems		Other features.		%	Name of the series.	
			Mod. erosion.	% Severe erosion.					
1.	Tc2b	614	75	12.2	355	57.8	179	29.0	Jit,
2.	Tc2h	4810	3106	64.6	1316	27.4	82	1.7	Durbin, Jit, Lolegaon, Paparkheti
3.	Tc2j	1602	833	52.0	769	48.0	-	-	Jit, Lolegaon, Paparkheti
4.	Tc2k	1458	1264	86.7	133	9.1	-	-	-do-
5.	Tc-2p	1384	581	42.0	453	32.7	-	-	Durbin, Jit, Lolegaon, Paparkheti
6.	Tj1a	983	124	12.6	706	71.8	153	15.5	Durbin, Jit, Lolegaon
7.	Tk1c	567	212	37.4	297	52.4	58	10.2	Durbin, Jit, Lolegaon, Paparkheti
Total		11,418	6195	54.3	4029	35.3	472	4.1	