ABSTRACT

1. Survey area - Tc2d, Tf2f, Tf3b, Tf3c, Th1a, Th1b, Th1c, Th1f, Th1g Th1j and Th1l Subwatersheds of Tista R.V.P. -P.S.-Garubathan, kalimpong or Rang-li District - Darjeeling - West Bengal.
2. A) Total area reported and Mapped :- 22,369 ha.
   B) Period of survey :- December 1980 to June 1981.
   C) Type of Survey :- Detailed.
3. Soil series mapped and area covered by each (ha) - Subwatershed wise.

S.N.	Soil Series	Area in ha. %	SUBWATERSHED AREA (Ha.) AND %										
			Tc2d	Tf2f	Tf3b	Tf3c	Th1a	Th1b	Th1c	Th1f	Th1g	Th1j	Th1l
1.	Dalapchand (D)	940 (4.2)	-	-	-	-	-	940 (35.7)	-	-	-	-	-
2.	Durbin (DB)	1314 (5.9)	281 (10.2)	633 (15.3)	32 (1.3)	-	-	249 (9.5)	80 (15.5)	39 (6.2)	-	-	-
3.	Fagu (F)	108 (0.5)	20 (0.7)	42 (1.0)	-	-	-	-	-	-	46 (2.2)	-	-
4.	Jit (J)	8782 (39.3)	2224 (80.5)	1768 (42.7)	1523 (63.4)	1229 (48.0)	522 (21.3)	658 (25.0)	118 (22.9)	135 (21.3)	23 (1.1)	212 (33.5)	370 (24.4)
5.	Lolegaon (L)	2808 (12.5)	-	59 (1.4)	-	-	839 (34.2)	442 (16.8)	-	-	908 (42.9)	45 (7.1)	515 (34.0)
6.	Paparkheti (P)	4823 (21.6)	50 (1.8)	847 (20.4)	313 (13.0)	1138 (44.5)	830 (33.8)	262 (10.0)	-	179 (28.3)	576 (27.2)	281 (44.5)	347 (22.9)
7.	Sakam (S)	192 (0.9)	-	192 (4.6)	-	-	-	-	-	-	-	-	-
8.	Other features Land slides, Rocky Land Gullied Land River/Jula)	3402 (15.1)	189 (6.8)	603 (14.6)	535 (22.3)	192 (7.5)	264 (10.7)	81 (3.0)	318 (61.6)	280 (44.2)	563 (26.6)	94 (14.9)	283 (18.7)
	TOTAL :-	22369	2764	4144	2403	2559	2455	2632	516	633	2116	632	1515
	%	100	100	100	100	100	100	100	100	100	100	100	100

S.N.	Land capability units.	Area in ha.	SUBWATERSHED AREA IN (Ha.) AND %										
			Tc2d	Tf2f	Tf3b	Tf3c	Th1a	Th1b	Th1c	Th1f	Th1g	Th1j	Th1l
1.	III-1	88 (0.4)	-	42 (1.0)	-	-	-	-	-	-	46 (2.2)		
2.	IIIe-1	373 (1.7)	20 (0.7)	124 (3.0)	-	-	-	-	-	-	100 (0.9)	41 (6.5)	-
3.	IV-1	4433 (19.0)	-	330 (8.0)	259 (10.8)	972 (30.0)	753 (30.7)	1457 (55.4)	-	61 (9.6)	140 (7.0)	175 (27.7)	278 (10.3)
4.	IVe-1.	2032 (9.1)	50 (1.8)	505 (14.0)	54 (2.2)	166 (6.5)	310 (12.6)	187 (7.1)	-	110 (10.7)	420 (20.2)	65 (10.3)	69 (4.6)
5.	VIe-1.	1945 (8.7)	-	59 (1.4)	-	-	606 (24.7)	-	-	-	720 (34.0)	45 (7.1)	515 (34.0)
6.	VIIes-1	10096 (45.1)	2505 (90.7)	2401 (57.9)	1555 (64.7)	1229 (40.0)	522 (21.3)	907 (34.4)	190 (30.4)	174 (27.5)	23 (1.1)	212 (33.5)	370 (24.4)
7.	Other features like land slide Rocky land. gullied land. River/Nula.	3402 (15.1)	109 (6.8)	603 (14.6)	535 (22.3)	192 (7.5)	264 (10.7)	81 (3.0)	318 (61.6)	200 (44.2)	563 (26.6)	94 (14.9)	203 (10.7)