

Detailed soil survey of Re1b, Re1c and Re1e subwatershed of Deotagao subwatershed, Ramganga catchment Distt. Pauri Garhwal and Almorah Utter Pradesh.

A b s t r a c t

1. Survey area : Re1b, Re1c and Re1e subwatershed Ramganga Tehsil Lansdown Pauri Garhwal and Tehsil Ranikhet, Almorah District U.P.
2. Total area surveyed : 7547 ha.
3. Period of work : 30th April 1978 to 16th July 1978.
4. Soil series mapped and area covered under each :

S.N.	Soil series	Subwatershed (Area in ha)						Total	%
		Re1b	%	Re1c	%	Re1e	%		
1.	Adalikhhal	1147	38.0	68	4.1	30	1.0	1245	16.5
2.	Betal	-	-	66	4.0	-	-	66	0.9
3.	Bhatwara	137	4.5	33	2.0	139	4.8	309	4.1
4.	Chinwali	526	17.4	197	11.9	370	19.7	1093	14.5
5.	Dhumakot	858	28.4	807	48.8	1197	41.6	2862	37.9
6.	Jimar	-	-	-	-	92	3.3	92	1.2
7.	Manhet	262	8.7	93	5.6	-	-	355	4.7
8.	Marchula	31	1.0	274	16.6	-	-	305	4.0
9.	Nala	-	-	-	-	859	29.9	859	11.4
10.	Siroli	8	0.3	45	2.7	8	0.3	61	0.8
11.	Misc.	50	1.7	70	4.3	180	6.4	300	4.0
Total		3019		1653		2875		7547	

5. Land capability classes with area under each land capability class.

Capability class	Subwatershed (area in ha)						Total	%	Soil series
	Re1b	%	Re1c	%	Re1e	%			
II	37	1.2	45	2.8	8	0.3	90	1.0	Siroli Manhet
III	1154	38.9	68	4.2	122	4.2	1344	18.2	Adalikhhal Jimar, Manhet
IV	741	24.4	356	21.6	399	3.9	1496	19.8	Betal, Chinwal Manhet, Nala
VI	148	9.8	33	2.0	139	4.8	320	4.0	Bhatwara Chniwali
VII	-	-	-	-	830	28.9	830	11.0	Nala
Forest land	889	29.4	1081	65.4	-	41.6	3167	42.0	Dhumakot Marchula
Misc.	70	2.3	50	3.0	180	6.3	300	4.0	
Total	3019	100	1653	100	2875	100	7647	100	

