

Detailed Soil Survey of Gambhar Khad watershed (Sd1b, Sd1c, Sd1d, Sd1e, Sd1f, Sd1g, Sd2c, Sd2d, Sd5a, Sd5b, Sd5c and Sd5d) in Sutlej RVP catchment Distt; Solan (H.P).

A B S T R A C T

1. Survey Area : Gambhar Khad watershed, Sutlej R.V.P. catchment, Tehsils Arki, Kasauli and Nalagarh, Distt. Solan (H.P).
2. Total Area : 17,982 hectares.
3. Period of Survey : May to July, 1981 and April to July, 1982.
4. Kind of Survey: Detailed Soil Survey
5. Soil Series mapped and area covered by each series :

Subwatershed-wise distribution - Area in hectares and (%)

Sl. No.	Combined area Name of the Soil Series	Total	Sd1b	Sd2c	Sd1d	Sd1e	Sd1f	Sd1g	Sd2c	Sd2d	Sd5a	Sd5b	Sd5c	Sd5d
1.	Bakaunte (B)	3311 (18.4)	254 (19.8)	460 (28.7)	280 (18.0)	223 (13.3)	104 (11.0)	280 (19.9)	262 (21.1)	174 (8.9)	411 (24.7)	343 (17.1)	125 (14.5)	395 (21.9)
2.	Barag (BG)	8248 (45.9)	-	450 (28.1)	715 (46.2)	222 (13.3)	714 (75.8)	595 (42.4)	687 (55.2)	1331 (68.0)	1024 (61.5)	1170 (58.5)	270 (31.4)	1070 (59.5)
3.	Chandi (C)	609 (3.4)	-	-	-	-	-	-	-	-	56 (3.4)	229 (11.5)	227 (26.4)	97 (5.4)
4.	Doli (D)	262 (1.5)	6 (0.5)	37 (2.3)	8 (0.5)	60 (3.5)	-	-	44 (3.5)	26 (1.3)	33 (2.0)	-	38 (4.4)	10 (0.5)
5.	Jabal(J)	49 (0.3)	-	-	-	-	-	-	-	-	-	49 (2.4)	-	-
6.	Kiar (K)	612 (3.4)	28 (2.2)	175 (11.0)	163 (10.4)	61 (3.6)	47 (5.0)	102 (7.3)	-	-	-	-	13 (1.5)	23 (1.3)
7.	Tilla(T)	3154 (17.5)	851 (66.5)	456 (28.5)	338 (22.0)	770 (45.8)	-	393 (28.0)	205 (16.5)	141 (7.2)	-	-	-	-
8.	Rockout	130 (0.7)	-	-	40 (2.6)	90 (5.4)	-	-	-	-	-	-	-	-
9.	Misc.	1607 (8.9)	141 (11.0)	23 (1.4)	5 (0.3)	254 (15.1)	77 (6.2)	34 (2.4)	46 (3.7)	286 (14.6)	140 (8.4)	209 (10.5)	187 (21.8)	205 (11.4)
	GRAND TOTAL	17982 (100.0)	1280 (100.0)	1601 (100.0)	1549 (100.0)	1680 (100.0)	942 (100.0)	1404 (100.0)	1244 (100.0)	1958 (100.0)	1664 (100.0)	2000 (100.0)	860 (100.0)	1800 (100.0)

