

DETAILED SOIL SURVEY AND LAND USE OF SK1h AND Sp1a SUBWATERSHEDS  
OF SUTLEJ RVP CATCHMENT, TEHSIL ANI AND NIRMAND, DISTRICT KULLU  
(HIMACHAL PRADESH)

ABSTRACT

1. Survey area:
  - a. Hydrologic units : SK1h and Sp1a subwatersheds, Sutlej RVP Catchment (H.P.)
  - b. Administrative details : Tehsil - Ani and Nirmand district Kullu (H.P.)
  - c. Geographical
    - i) Sp1a subwatershed  
: Latitudes - 31<sup>o</sup> 23' to 31<sup>o</sup> 29'  
Longitudes - 77<sup>o</sup> 19' to 77<sup>o</sup> 22'
    - ii) SK1h Subwatershed  
Latitudes 31<sup>o</sup> 26' to 31<sup>o</sup> 32'  
Longitudes 77<sup>o</sup> 36' to 77<sup>o</sup> 38'
2. Total area 4294 ha.
3. Type of survey Detailed soil survey
4. Period of survey May to July, 1993

5. Soil Series mapped and their extent under different subwatersheds

S.NO.	Name of the soil series	Subwatersheds Area(in hec.)			Percentage
		sK1h	Sp1a	Total	
1.	Averi	-	33	33 (0.8)	0.8
2.	Dalash	755 (17.6)	276 (6.4)	1031	24.0
3.	Kanda	916 (21.3)	1388 (32.4)	2304	53.7
4.	Nagan	7 (0.2)	51 (1.1)	58	1.3
5.	Sanoti	125 (2.9)	-	125	2.9
6.	Ulwa	314 (7.4)	264 (6.1)	578	13.5
7.	Miscellaneous	27 (0.6)	138 (3.2)	165	3.8
Total		2144 (49.9)	2150 (50.1)	4294	100%

6. Series wise distribution of area under different land capability units

Land capability of unity	Area under each soil series						(Area in hec)	
	Averi	Dalash	Kanda	Nagan	Sonoli	Ulwa	Total Area (ha)	Percentage
II - 1	-	-	-	33 (0.8)	-	-	33	0.8
IIe - 1	-	-	-	25 (0.6)	-	-	25	0.6
IIIe - 1	-	-	-	-	125 (2.9)	-	125	2.9
IIIes-1	33 (0.8)	-	-	-	-	242 (5.6)	275	6.4
IVes - 1	-	-	-	-	-	336 (7.8)	336	7.8
VIIes-1	-	-	2304 (53.7)	-	-	-	2304	53.7
VIIes-2	-	1031 (24.0)	-	-	-	-	1031	24.0
Miscellaneous	-	-	-	-	-	-	165	3.8
<b>Total</b>	<b>33 (0.8)</b>	<b>1031 (24.0)</b>	<b>2304 (53.7)</b>	<b>58 (1.4)</b>	<b>125 (2.9)</b>	<b>578 (13.4)</b>	<b>4294</b>	<b>100.0</b>