

Detailed soil survey and land use of Si2c and Sica
subwatersheds, Sutlej ; RVP catchment, Tehsil
Karsog, Distt. Mandi (H.P)

ABSTRACT

1. Surveyed area : Si2c and Si3a, Subwatersheds,
Sutlej, RVP Catchment, Tehsil
Karsog, Distt.Mandi (H.P)
2. Total area : 4104 ha.
3. Kind of survey : Detailed Soil Survey
4. Period of Survey : May - July, 1987.
5. Soil Series mapped and area covered by each series.

<u>Soil series</u>	<u>Area in ha.</u>	<u>Percentage</u>
1. Dalash	1644	40.10
2. Kanda	1375	33.5
3. Nagan	14	0.3
4. Ruhni	35	0.9
5. Sanoti	173	4.2
6. Ulwa	822	21.1
7. Miscellaneousland	41	1.0

or River.

Grand Total 4104 100%

6. Area under different Land capability classes :

S.No.	Land capability	Area in ha.	Percentage	Soil series.
-------	-----------------	-------------	------------	--------------

Arable land classes.

1.	II	203	5.1	Nagan, Ruhni Sanoti.
2.	III	136	3.3	Ulwa
3.	IV	700	17.0	Ruhni, Sanoti Ulwa.

Sub-total		1044	25.4	
-----------	--	------	------	--

Non-Arable Land

4.	VII	1375	33.5	Kanda
5.	F3	1644	40.1	Dalash

Sub-total		3019	73.6	
-----------	--	------	------	--

Miscellaneous land		41	1.0	
--------------------	--	----	-----	--

Total		4104	100.0	
-------	--	------	-------	--

7. Area under different Erosion classes.

S.No.	Erosion classes	Area in ha.	Percentage
-------	-----------------	-------------	------------

1.	None to slight	-	-
2.	Moderate	2043	49.8
3.	Severe	2020	49.7
	Miscellaneous land	41	1.0

Total		4104	100.0
-------	--	------	-------

Salient features :

1. Of the total area 4104 ha., only 1044 ha. (25.4%) is suitable for agriculture.
2. About 1644 ha. (40.1%) area is under forest and needs fire protection and check an unauthorised cutting.
3. About 1375 ha. (33.5%) area is under grazing lands/grass lands, can be suitable used for social forestry and grassland development.
4. About 49.7% area suffer with severe erosion hazards and need immediate attention.