

(i)

(i) ABSTRACT

1. Surveyed area : BFc2a, BFc2b, BFc2c, BFc2d, Bf2a, Bf2b, Bf2c, Bf2d, Bf2f, Bf3a, Bf3c, Bf3f, Bf4f, Bf4h, Bf4k, Bf4n, Bfg1a, Bfg1b, Bfg1c, sub-watersheds, Beas Catchment, Tehsil and Distt. Kullu (H.P).
2. Total area : 34690 ha.
3. Kind of Survey : Detailed Soil Survey.
4. Period of Survey : May 88 to July, 88
May 90 to July, 90
May 92 to July, 92
5. Soil series mapped and area covered by each series.

<u>S.No.</u>	<u>Soil Series</u>	<u>Area</u>	<u>Percentage</u>
1.	Dalash (D)	12991	37.5
2.	Kanda (R)	8352	24.1
3.	Nagan (N)	287	0.8
4.	Ruhni (R)	282	0.8
5.	Sanoti (S)	1984	5.7
6.	Ulwa (U)	1664	4.8
----- Subtotal		25560	

	Rockout	181	0.5
	Area under water	290	0.8
	Misc. Land	346	1.0
	Snow bounded	8313	24.0
----- Grand total		34690	100.00

6. AREA UNDER DIFFERENT EROSION CLASSES

<u>Erosion Class</u>	<u>Total Area</u>	<u>Percentage</u>
1. None to slight erosion.	70	0.2
2. Moderate erosion.	10585	30.4
3. Severe erosion.	14905	43.1

Sub total	25560	

Rock out	181	0.5
Area under water	290	0.8
Mis. Land	346	1.0
Snow bounded	8313	24.0

Grand total	34690	100.00

(iii)

7. AREA UNDER DIFFERENT LAND CAPABILITY CLASSES:

ARABLE LAND

Land capability

	<u>Total area.</u>	<u>Percent</u>	<u>Series</u>
II Good land with minor limitations	311	0.9	Nagan, Ruhni
III Moderately good land with moderate limitations	1743	4.9	Ruhni, Sanoli, Ulwa
IV Marginal land, major limitations.	2163	6.3	Sanoti, Ulwa

SUB-TOTAL	4217	12.1	

NON ARABLE LANDS

VII Major limitations	8352	24.1	Kanda
Forest	12991	37.5	Dalash
Rockout	181	0.5	
Area under water	290	0.8	
Misc. Land	346	1.0	
Snow bounded	8313	24.0	

Grand Total	34690	100.00	

SALIENT FEATURES & SPECIFIC PROBLEMS

1. Out of 34690 hectares, only 4217 ha. (12.1%) is suitable for agriculture.
2. About 12991 hectares (37.5%) of the area is under moderately dense to dense forest.
3. More than 73.5% of the total area is suffering from moderate and severe erosion hazards.
4. Steep slopes are also suffering from land slides and land slips. Denudation, faulty terraces and tillage practices and cultivation on very steep slopes further promotes erosion hazards.