

DETAILED SOIL SURVEY OF POLAR-KA-KHALA WATERSHED  
(Gb2f AND Gb2h SUBWATERSHEDS), GIRI R.V.P.  
CATCHMENT, TEHSIL RENUKA, DISTRICT SIRMUR, H.P.

ABSTRACT FOR Gb2f and Gb2h SUBWATERSHEDS

1. Survey area : Polar-Ka-Khala watershed (Gb2f and Gb2h subwatersheds), Giri R.V.P. Catchment, Tehsil Renuka, District Sirmur H.P.
2. Location : 30°42'-30°45' N.L.  
77°25'-77°32' E.L.
3. Total area : 3302 hectares
4. Period of survey : May -June, 1980
5. Type of survey : Detailed soil survey
6. Soil series mapped and area covered under each series

S.No.	Soil series	Area in ha				Total area	Percentage
		Gb2f	%	Gb2h	%		
1	Arat	-	-	663	29.2	663	20.2
2.	Bhon Kadian	212	20.5	329	14.6	541	16.3
3.	Ludhiana	124	12.0	61	2.7	185	5.6
4.	Sainj	357	34.6	404	17.7	761	23.0
5.	Trimalga	308	30.0	367	16.1	675	20.5
Subtotal		1001	97.1	1824	80.3	2825	85.6
Rock outcrops		-	-	410	18.1	410	12.4
Miscellaneous lands		30	2.9	37	1.6	67	2.0
Sub-total		30	2.9	447	19.7	477	14.4
Grand total		1031	100.0	2271	100.0	3302	100.0

7. Land capability classes

Land capability unit	Subwatershed-wise Area in ha				Total	Per-centage	Series
	Gb2f	%	Gb2h	%			
<u>Arable lands</u>							
IIIe-1	226	21.9	194	8.6	420	12.7	Bhon Kadian Ludhiana
IVe-1	33	3.1	23	1.0	56	1.7	Bhon Kadian
IVe-2	77	7.5	117	5.2	194	5.8	Bhon Kadian & Ludhiana
Subtotal	336	32.5	334	14.8	670	20.2	-

