

A B S T R A C T

1. Surveyed area : Mh4a, Mh4b and Mh4d sub-watersheds  
Sahibi catchment, Tehsil Bairat Nagar,  
District Jaipur, Rajasthan.
2. Total area : 6275 ha.
3. Kind of survey : Detailed soil survey
4. Period of survey : May to July, 1982
5. Soil series mapped and area covered under each series :

Sl. No.	Name of the soil series	Total area in ha. (%)	Subwatershed-wise distribution		
			Area in ha. (Percentage)		
			Mh4a (%)	Mh4b (%)	Mh4d (%)
1.	Baliawas	38 (0.6)	--	--	38 (1.3)
2.	Ishroda	3000 (47.8)	1242 (66.1)	1078 (67.4)	680 (24.3)
3.	Luhadera	385 (6.1)	87 (4.7)	166 (10.4)	132 (4.7)
4.	Roopwas	1412 (22.5)	90 (4.8)	--	1322 (47.2)
5.	Roond Tijara	795 (12.7)	210 (11.2)	74 (4.6)	511 (18.3)
6.	Tijara	281 (4.5)	117 (6.3)	164 (10.2)	--
7.	Miscellaneous	40 (0.6)	12 (0.6)	5 (0.3)	23 (0.8)
8.	River	324 (5.2)	117 (6.3)	113 (7.1)	94 (3.4)
<b>Total</b>		<b>6275</b>	<b>1875</b>	<b>1600</b>	<b>2800</b>

6. Land Capability Units

<u>Land capability unit</u>	<u>Soil Series</u>	<u>Area in ha.</u>	<u>Percent-age</u>
II e-1	Baliyawas	38	0.6
III s-1	Ishroda	31	0.5
IIIes-1	Ishroda, Luhadera Roond Tij-ara.	2085	33.2
IIIew-1	Tij-ara.	281	4.5
IVes-1	Ishroda, Luhadera, Roond Tijara.	1332	21.1
VIIes-1	Roopwas	1412	22.5
VIIes-2	Roond Tijara	742	11.8
<b>Total</b>		<b>5911</b>	<b>93.7</b>

