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REPORT ON SOIL AND LANDUSE INVENTORY, POTENTIAL, PROBLEMS
AND TREATMENT NEEDS OF RATLAM DISTRICT, MADHYA PRADESH STATE.

A B S T R A C T

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1. Survey area : Ratlam District
(Madhya Pradesh)
- Total area reported : 4,86,474 ha.
- Total sample blocks surveyed and mapped : 170 (Each of 64 ha.)
- Type of survey : Sample Soil Survey
- Period of survey : April, 1983 to
April, 1984.

2. Soil Series Mapped and Area covered by each Series

Sl. No.	Soil Series (Symbol)	Name of Tehsils					Total of the district
		Alote	Bajna	Jaora	Ratlam	Sailana	
1.	2.	3.	4.	5.	6.	7.	8.
1.	Baloda (B)	16751 (17.7)	-	33369 (24.5)	17610 (13.2)	-	67730 (13.9)
2.	Gordha (GA)	12196 (12.9)	190 (0.3)	16804 (12.4)	772 (0.6)	-	29962 (6.1)
3.	Harsaur (H)	5116 (5.4)	-	10989 (8.1)	5638 (4.2)	-	21743 (4.5)
4.	Jaggakheri (J)	10233 (10.8)	5220 (7.6)	19114 (14.1)	8960 (6.7)	4436 (8.1)	47963 (9.8)
5.	Kamliakheri (K)	14439 (15.3)	3892 (5.7)	18796 (13.8)	22091 (16.6)	8669 (15.9)	67887 (14.0)
6.	Mundri (M)	3574 (3.8)	15946 (23.4)	4619 (3.4)	15524 (11.6)	13207 (24.1)	52870 (10.9)

ii.

1.	2.	3.	4.	5.	6.	7.	8.
7. Panchdaria (P)		15210 (15.1)	31702 (46.5)	4699 (3.5)	18075 (13.6)	22481 (41.1)	92167 (19.0)
8. Runeja (R)		3995 (4.2)	5221 (7.7)	6690 (4.9)	8574 (6.5)	3630 (6.6)	28110 (5.7)
9. Jarol (S)		9392 (9.9)	1424 (2.1)	14177 (10.4)	21087 (15.9)	-	46080 (9.5)
Sub-total		90906 (96.1)	63595 (93.3)	129257 (95.1)	118331 (88.9)	52423 (95.8)	454512 (93.4)
Miscellaneous area		3646 (3.9)	4555 (6.7)	6689 (4.9)	14753 (11.1)	2319 (4.2)	31962 (6.6)
Total reported area and mapped		94552 (100.0)	68150 (100.0)	135946 (100.0)	133084 (100.0)	54742 (100.0)	476474 (100.0)

NB: Miscellaneous area includes the lands that are under water bodies built up area, railway roads, tracks, barren lands or rockout-crops etc.

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