

A B S T R A C T

Surveyed area : Sample Soil Survey of palamu district,
Bihar State.

Type of Survey : Sample soil Survey

Total area of the district : 12, 01 890 Hect.

Size of Sample block : 64 ha.

Total No. of Sample blocks in the district : 389

Periods of Survey : November, 1977 to June, 1979

Soil series mapped and their distribution in the district.

Name of Series (Symbol)	Area in ha.	(%)	No. of P.S.	Total No. mapping units in the series
2	3	4	5	6
AMRA (AR)	2,29,512	19.09	21	6
AMVATIKAR (AT)	53,954	4.48	5	3
BAIRYA (BY)	1,12,153	9.33	19	3
BALIA (B)	70,715	5.88	15	7
BARALOTA (BL)	40,314	3.35	21	3
BHIKRI (BH)	16,894	1.40	14	2
BELWADAMAR (BD)	4,686	0.39	1	1
CHIRO (CR)	9,364	0.78	1	2
DUMKA (D)	2,32,148	19.39	22	9
HOYA (HY)	7,678	0.64	7	3
HURLONG (HR)	48,803	4.06	14	4
KAJURYA (K)	15,980	1.32	17	3
LACHMIPUR (L)	1,11,260	9.24	19	7
MAJHAULI (MJ)	21,560	1.79	18	3
MARAN (MR)	1,26,801	10.54	25	5
PIPRAKALAN (PN)	25,875	2.15	15	4
TOTAL	11,27,697	93.83	-	65
Misc. Lands	74,193	6.17	-	-
GRAND TOTAL	12,01,890	100.00	25	65

II

Distribution of Land capability units in the district

No. No.	Land capability units	Total No. of P.S.	Area in hec.	%	No. of mapping units.
1	2	3	4	5	6
1.	II	70	3,58,095	29.8	21
2.	III	52	1,20,549	10.03	12
3.	IV	57	1,60,475	13.35	15
4.	VI	49	4,43,040	36.87	13
5.	VII	13	45,540	3.79	4
	TOTAL :	-	11,27,697	93.83	65
	Misc. Land	-	74,193	6.17	-
	GRAND TOTAL	25	12,01,890	100.00	65