

ABSTRACT

1. SURVEY AREA :

Soil survey of Nigahi and Mehrauli projects of Northern Coal fields, District : Sidhi, M.P.

2. TYPE OF SURVEY :

Intensive detailed soil survey

3. Total area surveyed and mapped :

Nigahi - 3340.7 ha

Mehrauli - 1525.0 ha.

4. Period of Survey :

December 1990 to February 1991

SOIL SERIES MAPPED AND THEIR DISTRIBUTION (Area in ha.)

IN NIGAHI OCP

Sl.No. 1	Soil Series 2	No. of Mapping units 3	Total area in ha. 4	Percentage 5
1	Amlohri (AL)	3	219.5	6.7
2	Amw tikar (AT)	8	1097.8	32.9
3	Bairya (BY)	4	82.4	2.5
4	Kinamar (KI)	3	178.3	5.3
5	Latcher (LH)	5	142.0	4.2
6	Salodeeh (SD)	3	87.9	2.6
7	Tappokhas (TK)	1	49.5	1.5
8	Udipur (UP)	7	458.1	13.7
9	Zalim (ZM)	8	587.6	17.6
	Tot 1	42	2903.1	86.9

Sl.No.	Particulars	Area in ha.	Percentage
10.	Miscellaneous area	437.6	13.1
a	Habitat ion	152.7	4.6
b	Mine Infrastructure	45.7	1.4
c	Over burden material (OBM)	172.5	5.2
d	Quarry	19.0	0.6
e	Road	18.4	0.5
f	Waterways	29.3	0.8
Grand total		3340.7	100.0

SAILENT FEATURES :

5 A. LAND CAPABILITY CLASSIFICATION :

Sl.No.	Land Capability Classification	Area in ha.	Percentage
1	II	631.4	18.9
2	III	862.7	25.8
3	IV	132.9	3.9
4	VI	178.3	5.4
5	VII	1097.8	32.9
Total		2903.1	86.9