

REPORT ON HIGH INTENSITY DETAILED SOIL SURVEY OF
NOIDA PARK AREA, TEHSIL DADRI, DISTRICT GHAZIABAD (U.P.)

ABSTRACT

1. Survey Area - NOIDA Park area, Tehsil Dadri, District Ghaziabad (U.P.)
2. Total area - 284 ha.
3. Kind of survey - High intensity detailed Soil Survey.
4. Period of Survey - April, 1990
5. Agro-climatic Region - Sub-humid & humid Sutlaj Ganga alluvial zone.
6. Soil series mapped and area covered by each unit.

<u>Name of Series</u>	<u>Mapping Units</u>	<u>Area in ha</u>	<u>Percentage</u>
Chhalera Series	C5eA1	47	17
	C5fA1	165	58
	C5mA1	54	19
	Misc.	10	3
	Water logged	8	3
		284	100%

7. Land Capability Class

Soil Series

- (a) Arable lands
Good land with minor
limitations
Chhalera series

784

II 266 94%

10. Land under slope gradient

	<u>Slope</u>	<u>Series</u>	<u>Area in ha</u>	<u>Percentage</u>
i)	Nearly level (0-1%)	Chhalera	266	94
ii)	Miscellaneous land		10	3
iii)	Water logged		8	3
TOTAL			284	100%

SAILENT FEATURES

1. Nearly 94 per-cent of the surveyed area is suitable for agriculture and plantation purposes, while rest of the area can be made suitable for plantation after necessary reclamation.
2. The total area is suitable for irrigation.
3. This is a non-paddy growing area, however, around 19% of the area is suitable and can be brought under rice cultivation.
4. About 94% area is under none to slight erosion.
5. By and large, the quality of water in the park area is suitable for irrigation.
6. About 3% of this area is under water-logging hence necessary reclamation measures like network of drainage channels are suggested to be adopted.