REPORT ON SOIL SURVEY OF NINE VILLAGES IN THE KANGSABATHI REHABILITATION AREA IN MIDNAPORE DISTRICT OF WEST BENGAL STATE.

I. INTRODUCTION:

The construction of a dam on the Kangsabathi river for irrigation purposes, displaces the villagers whose lands and homes fall in the submerged areas. The West Bengal Government had a proposal to allot to these displaced persons the Government waste lands in the following nine villages: 1) Adalia, 2) Hatia, 3) Jamsol, 4) Chotanakdona, 5) Baranakdona, 6) Dumuria, 7) Pinrasoli, 8) Bathantore & 9) Nischintapur; and hence requested for soil survey of these villages. This report details the findings of the soil survey conducted in these villages.

The report is accompanied by soil maps of each of the nine villages surveyed. Each map, in addition to showing location of the different defined soils occurring in the village contains land capability classification also. A combined soil map for the block of nine villages is also furnished.

The characteristics of the individual mapping units and suggestions regarding their management are set forth in this report after a brief review of general information on the survey area.

II. GENERAL DESCRIPTION OF THE AREA:

Location & Extent:

The area falls in between the longitudes of 87°07' E & 87°12' E and the latitudes of 22°44' N & 22°48' N and lies within the P.S. of Garbeta in the district of Midnapore, West Bengal. The survey area totalling to about 8811 acres covers the following nine villages:

Villages:	Area in acres:
1. Hatia:	1533.91
2. Adalia:	1604.16
3. Jamsol:	655.09
4. Chotanakdona:	1204.95
5. Baranakdona:	497.01
6. Dumuria:	1074.94
7. Bathantore:	619.46
8. Pinrasoli:	241.46
9. Nischintapur:	1379.69
Total:	8810.67 acres.

APPENDIX - 2- (ii)

b): Distribution of land subclass Areas - Village wise:

Sl.No.	Village:	Area in Acres of land Subclass: IIIw	IIIc:	IVc:	IVcs:	IVe:	IVes:	Vs:	Homestead acres:	Total area in acres:
1.	Hatia:	84.80	249.00	1158.91	-	24.40	-	4.80	12.00	1533.91
2.	Adalia:	-	123.04	1315.52	108.80	16.00	-	28.80	12.00	1604.16
3.	Jamsol:	64.00	162.90	426.09	-	-	-	-	2.10	655.09
4.	Chotanakdona:	32.00	150.40	496.15	312.00	54.40	6.40	145.60	8.00	1204.95
5.	Baranakdona:	95.20	118.21	101.80	54.90	16.00	-	105.90	5.00	497.01
6.	Dumuria:	49.74	224.00	597.40	-	91.60	14.40	92.80	5.00	1074.94
7.	Bathantore:	25.00	158.40	391.66	-	2.80	-	26.60	15.00	619.46
8.	Pinrasoli:	-	30.40	191.26	-	-	-	17.60	2.20	241.46
9.	Nischintapur:	-	148.80	1113.20	108.80	-	-	-	8.89	1379.69
	Total 9 villages:	350.74	1365.15	5791.99	584.50	205.20	20.80	422.10	70.19	8810.67