

Report on detailed soil survey of Gm7f, Gp1a, Gp1f, Gp1g, Gp1j, Gp1k, Gp2a, Gp2b, Gp2c, Gp3a and Gp4a subwatersheds of Gomathi F.P.R. Catchment, Tehsil Mishrik and Sitapur, District Sitapur, Uttar Pradesh.

ABSTRACT

1. Surveyed area : Gm7f, Gp1a, Gp1f, Gp1g, Gp1j, Gp1k, Gp2a, Gp2b, Gp2c, Gp3a, & Gp4a subwatersheds, Gomathi F.P.R. Catchment, Tehsil Mishrik & Sitapur, District Sitapur, (U.P).
2. Total area surveyed : 20,820 hectares
3. Period of survey : May to June 1986
November, 86 to March, 1987
4. Kind of survey : Detailed soil survey
5. Soil series mapped and area covered by each series :

Name of Soil Series	Subwatersheds (Total area in hectares)											Grand Total	%
	Gm7f	Gp1a	Gp1f	Gp1g	Gp1j	Gp1k	Gp2a	Gp2b	Gp2c	Gp3a	Gp4a		
Asodar	139	8	12	53	-	59	22	105	231	494	90	1203	5.8
Gangapur	147	-	-	-	-	-	49	-	24	-	-	220	1.0
Hamirpur	1126	195	100	130	125	187	406	241	914	614	91	4129	19.9
Jairampur	756	583	498	292	351	161	641	497	252	215	353	4599	22.0
Lalpur	254	338	488	1546	237	243	337	455	1246	-	630	5774	27.8
Nemisarayan	133	73	157	840	322	178	427	255	238	398	797	3818	18.3
Misc.	145	53	70	135	47	64	67	60	214	143	79	1077	5.2
Total	2700	1250	1325	2996	1082	892	1949	1613	3109	1864	2040	20820	100%

6. Salient features

- a) Nearly 18076 hectares (86.9%) found to be suitable for agriculture out of total area of 20,820 hectares.
- b) Nearly (6.9%) of the total area fall under undulating landscape & suffers from surface erosion.
- c) About 220 hectares (1.0%) of the land suffer from salinity and alkalinity problem which needs reclamation measures.