

ABSTRACT

1. Survey area : i) Gomai river watershed,
Ukai Catchment TG-1/4, 2/3 and 4/2
ii) Nagan river watershed,
Ukai Catchment-TN-9/1

2. (a) Total area reported and mapped : 13,693 ha

Priority - TG1/4 : 1293 ha

TG2/3 : 2035 ha

TG 4/2 : 6672 ha

TN 9/1 : 3693 ha

(b) Period of survey : December 1977 to April, 1978.

3. (i) Soil series mapped and area covered by each :

Sr. No.	Name of series	Total area (ha) %	Gomai River watershed			Nagan River watershed TN9/1
			TG1/4	TG2/3	TG4/2	
1.	Bhadgon	1279 (9.3)	-	-	1279 (9.3)	-
2.	Ghunsi	1000 (7.3)	-	34 (0.2)	558 (4.1)	408 (3.0)
3.	Jahur	385 (2.8)	-	-	385 (2.8)	-
4.	Jamda	365 (2.7)	-	-	-	365 (2.7)
5.	Khodamahuli	3537 (25.8)	755 (5.5)	842 (6.1)	1042 (7.6)	898 (6.6)
6.	Kherpada	2860 (20.9)	12 (0.1)	441 (3.2)	2017 (14.7)	390 (2.9)
7.	Mandara	1304 (9.5)	519 (3.8)	619 (4.5)	172 (1.2)	-
8.	Odli	85 (0.6)	-	11 (0.1)	74 (0.5)	-
9.	Pana	1330 (9.8)	-	-	277 (2.0)	1061 (7.8)
10.	Firmandal	1250 (9.2)	-	23 (0.2)	733 (5.4)	494 (3.6)
Total :		13,403 (97.9)	1,286 (9.4)	1,964 (14.3)	6,537 (47.7)	3,616 (26.5)

Figures in brackets indicate percentage of serie distribution.

Total : 15403 (97.9)
 ii) Other features : 290 (2.1)
 habitation,
 river, nallas
 etc.

Grand Total : 13,693 ha (100.00)

Land Capability Units

Capability Units	Area (ha)	Gomai River Watershed			Nagan River watershed TN9/1	Soil series
		TG1/4	TG2/3	TG4/2		
1	2	3	4	5	6	7
IIIs-1	162 (1.5)	-	-	123 (1.2)	39 (0.3)	Jahur, Pana
IIes-1	969 (9.2)	-	-	329 (3.1)	640 (6.1)	Jahur, Pana
IIIe-1	33 (0.3)	-	-	-	33 (0.3)	Jamda
IIIes-2	182 (1.7)	-	-	182 (1.7)	-	Jahur
IIIes-1	1965 (18.7)	424 (4.0)	425 (4.0)	827 (8.0)	289 (2.7)	Khodamahali
IVe-1	85 (0.8)	-	11 (0.1)	74 (0.7)	-	Odli
IVes-1	410 (3.9)	-	-	28 (0.3)	382 (3.6)	Pana
IVes-2	2048 (19.5)	331 (3.1)	433 (4.2)	339 (3.2)	945 (9.0)	Ghunsi, Khod Pirmandal
IVes-3	2399 (22.8)	531 (5.1)	631 (6.6)	691 (6.6)	546 (5.2)	Bhodgon, Ghu Kherpada, Ma
VIe-1	332 (3.2)	-	-	-	332 (3.2)	Jamda
VIe-2	773 (7.4)	-	-	603 (5.7)	170 (1.7)	Pirmandal

