

REPORT ON PRIORITIZATION OF SUB-WATERSHEDS IN THE MOREL (2D2A)
SUB-CATCHMENT OF BANAS (2D2) CATCHMENT (RAJASTHAN)

A B S T R A C T

1. Survey Area : Morel sub-catchment (2D2A) of Banas Catchment (2D2); Jaipur, Dausa, Tonk and Sawai Madhopur Districts, Rajasthan State.
2. Location : 25° 54' to 27° 08' North latitudes and 75° 44' to 76° 59' East longitudes.
3. Total Area : 807,835 ha.
4. Period of Survey : December, 1997 to March, 1998.
5. Type of Survey : Rapid reconnaissance survey for priority delineation.
6. Base material : Survey of India Toposheets in the scale of 1:50,000.
7. Run off potential mapping units and their extents.

S.No.	Mapping units	Area (in ha)	Percentage
1.	A1	2900	0.36
2.	A2	88290	10.92
3.	A3	67610	8.36
4.	A4	6000	0.74
5.	A5	58415	7.23
6.	A6	88715	10.97
7.	A7	4595	0.56
8.	A8	2625	0.32
9.	A9	15460	1.90
10.	A10	2050	0.25

S.No.	Mapping units	Area (in ha)	Percentage
11.	A11	1225	0.15
12.	A12	350	0.04
13.	A13	250	0.03
14.	A14	6175	0.75
15.	A15	1100	0.13
16.	A16	7255	0.80
17.	A17	8215	1.21
18.	A18	1770	0.22
19.	A19	47540	5.88
20.	A20	2475	0.30
21.	A21	18870	2.32
22.	A22	3685	0.46
23.	AE1	34465	4.26
24.	AE2	123760	15.31
25.	AE3	455	0.05
26.	AE4	5310	0.64
27.	C1	825	0.10
28.	C2	6135	0.76
29.	C3	6125	0.20
30.	C4	1015	0.12
31.	C5	7100	0.87
32.	E1	650	0.08
33.	E2	1140	0.14
34.	E3	750	0.09
35.	E4	4670	0.58
36.	E5	5175	0.64

S.No.	Mapping units	Area (in ha)	Percentage
37.	E6	5855	0.72
38.	E7	4050	0.50
39.	E8	24975	3.08
40.	E9	1090	0.13
41.	E10	7725	0.94
42.	E11	605	0.07
43.	E12	365	0.04
44.	E13	340	0.04
45.	E14	400	0.04
46.	E15	1825	0.27
47.	E16	325	0.04
48.	Q1	395	0.04
49.	Q2	8060	0.99
50.	Q3	9340	1.15
51.	Q4	10970	1.35
52.	Q5	5760	0.71
53.	Q6	895	0.11
54.	Q7	1540	0.19
55.	Q8	2125	0.26
56.	S1	1350	0.16
57.	S2	12305	1.51
58.	S3	1775	0.21
59.	S4	3375	0.41
60.	S5	2690	0.33
61.	S6	1505	0.17
62.	S7	19975	2.47

S.No.	Mapping units	Area (in ha)	Percentage
63.	S8	9725	1.20
64.	S9	200	0.02
65.	S12	1485	0.18
66.	S13	75	0.00
67.	S14	750	0.09
68.	S15	125	0.01
69.	S16	6575	0.81
70.	M-1	8720	1.08
71.	M-2	21820	2.70
Grand Total		8,07,835	100.00

