

**REPORT ON DETAILED SOIL SURVEY AND LAND USE OF Pw4j, Pw4k, Pw4p, Pw4q, Pw4s, Pw4t, Pw4u, Pw4v AND Pw4w
SUBWATERSHEDS OF POCHAMPAD RVP CATCHMENT, TAHSIL - BHOKARDAN AND SILLOD , DISTRICT- JALNA AND
AURANGABAD , MAHARASHTRA**

ABSTRACT

1) **Surveyed Area:** Subwatersheds Pw4j, Pw4k, Pw4p, Pw4q, Pw4s, Pw4t, Pw4u, Pw4v And Pw4w of Pochampad Catchment, Tahsil – Bhokardan And Sillod., District – Jalna And Aurangabad , Maharashtra

2) a) **Total Area (reported & mapped) :** 41,141 ha.

b) **Type of survey :** Detailed Soil Survey

c) **Period of survey :** December 1998 to June 1999.

3) **Soil series mapped and their extent (ha)**

Sr. No	Name of soil series	No. of mapping units	Total area in ha. (%)	SUBWATERSHEDS								
				Pw4j	Pw4k	Pw4p	Pw4q	Pw4s	Pw4t	Pw4u	Pw4v	Pw4w
1	Anvi (AN)	4	2174	-	-	-	-	-	-	1467	-	707
			(5.3)	-	-	-	-	-	-	(3.7)	-	(1.7)
2	Babhulgaon (B)	4	2531	20	40	587	9.7	189	150	97	541	-
			(6.2)	(0.05)	(0.1)	(1.4)	(2.2)	(0.5)	(0.4)	(0.2)	(1.3)	-
3	Dongaon(D)	8	11959	1034	2084	957	421	137	1137	843	1100	4246
			(29.1)	(2.5)	(5.1)	(2.4)	11.8	(0.3)	(2.8)	(2.0)	(2.6)	(10.3)
4	Godhankheda (G)	3	2573	-	798	550	-	-	326	-	194	705
			(6.3)	-	(1.9)	(1.3)	-	-	(0.8)	-	(0.5)	(1.7)
5	Khamkheda (K)	4	4719	233	213	1236	625	856	204	621	484	247

			(11.4)	(0.6)	(0.5)	(3.0)	(1.5)	(2.1)	(0.5)	(1.5)	(1.2)	(0.6)
6	Laghul(L)	3	284	79	36	-	-	-	-	-	65	104
			(0.7)	(0.2)	(0.1)	-	-	-	-	-	(0.2)	(0.3)
7	Mahura(MT)	4	1057	12	177	-	-	33	65	284	227	259
			(2.6)	(0.0)	(0.4)	-	-	-	(0.2)	(0.7)	(0.6)	(0.6)
8	Malegaon (ML)	3	3359	474	886	468	196	199	294	348	117	377
			(8.2)	(1.2)	(2.2)	(1.2)	(0.5)	(0.5)	(0.7)	(0.8)	(0.3)	(0.9)
9	Masrul(MR)	3	1572	537	210	137	78	27	167	367	49	-
			(3.8)	(1.3)	(0.5)	(0.3)	(0.2)	-	(0.4)	(0.9)	(0.1)	-
10	Nivdunga (ND)	1	86	-	14	-	-	-	-	46	-	26
			(0.2)	-	(0.0)	-	-	-	-	(0.1)	-	-
11	Palaskheda (PN)	4	7187	2086	1038	362	847	499	447	785	433	690
			(17.4)	(5.1)	(2.5)	(0.8)	(2.1)	(1.2)	(1.0)	(1.9)	(1.1)	(1.8)
12	Tapovan(TP)	4	568	252	48	-	50	25	16	72	19	86
			(1.4)	(0.6)	(0.1)	-	(0.1)	(0.06)	(0.04)	(0.2)	(0.05)	(0.2)
13	Tembhurni (T)	6	1614	193	330	-	-	316	101	317	340	17
			(3.9)	(0.5)	(0.8)	-	-	(0.9)	(0.3)	(0.8)	(0.8)	-
	Total	51	39683	4920	5874	4297	3124	2281	2907	5247	3569	7464
			(96.5)	(12.0)	(14.3)	(10.4)	(7.6)	(5.5)	(7.1)	(12.8)	(8.7)	(18.1)
(ii)	Other features including River, Road, Tank, Hab.etc.		1458 (3.5)	81 (0.2)	182 (0.4)	134 (0.3)	108 (0.3)	168 (0.4)	105 (0.3)	365 (0.9)	102 (0.2)	213 (0.5)
	Grand Total		41141	5001	6056	4431	3232	2449	3012	5612	3671	7677
	%		(100.0)	(12.2)	(14.7)	(10.7)	(7.9)	(5.9)	(7.4)	(13.7)	(8.9)	(18.6)

