

4. Land Capability Classification:

Land Capability Sub-Class	Subwatersheds										Total Area	Soil Series
	Nd1f	Nd1g	Nd1h	Nd1j	Nd1k	Nd1m	Nd1n	Nd1p	Nd1t	Nd1u		
IIs	-	1	-	-	53 (1.5)	15 (0.9)	-	-	-	-	69 (0.3)	Chhipabad Semli
IIses	-	23 (0.6)	112 (4.2)	-	40 (1.1)	23 (1.4)	15 (0.7)	-	5 (0.2)	6 (0.2)	224 (0.9)	Chhipabad, Narmada Semli
IIIses	51 (2.7)	154 (3.8)	77 (2.9)	-	83 (2.4)	34 (2.0)	109 (4.9)	31 (2.2)	32 (1.1)	3 (0.1)	574 (2.3)	Chhipabad Pokharni Semli
IVes	201 (10.6)	440 (11.0)	315 (11.9)	14 (0.6)	726 (20.5)	207 (12.3)	294 (13.3)	113 (7.9)	301 (9.9)	141 (5.7)	2752 (10.9)	Chhipabad Khardi Narmada Pokharni
VIses	195 (10.3)	430 (10.7)	447 (16.8)	38 (1.7)	287 (8.1)	194 (11.5)	241 (10.9)	162 (11.3)	247 (8.1)	53 (2.1)	2294 (9.1)	Amla Khardi
VIIIses	361 (19.1)	960 (23.8)	918 (34.6)	485 (21.2)	1761 (49.7)	1161 (69.0)	1441 (65.0)	985 (68.6)	847 (27.9)	430 (17.4)	9349 (37.0)	Amla
Sub-Total	808 (42.7)	2008 (49.9)	1869 (70.4)	537 (23.5)	2950 (83.3)	1634 (97.1)	2100 (94.8)	1291 (90.0)	1432 (47.2)	633 (25.5)	15262 (60.5)	
Forest Land	1036 (54.8)	1915 (47.6)	759 (28.6)	1742 (76.2)	479 (13.5)	-	49 (2.2)	89 (6.2)	1566 (51.7)	1788 (72.1)	9423 (37.3)	
Misc. Land	48 (2.5)	103 (2.5)	26 (1.0)	7 (0.3)	113 (3.2)	49 (2.9)	67 (3.0)	55 (3.8)	34 (1.1)	58 (2.4)	560 (2.2)	
Grand total (%)	1892 (100)	4026 (100)	2654 (100)	2286 (100)	3542 (100)	1683 (100)	2216 (100)	1435 (100)	3032 (100)	2479 (100)	25245 (100)	

5. Salient features:

- ❖ The deep to very deep soils cover only 1660 ha. This accounts for 6.6% of the total surveyed area of 25245 ha.
- ❖ An area of 3025 ha. (12.0%) is under gentle slopes.
- ❖ An area of 1672 ha. (6.6%) suffers from moderate erosion hazards, whereas 22944 (90.9%) has the problem of severe and very severe erosion which needs immediate soil conservation measures.