

# Inventory of Soil Resource Mapping of Kolasib District of Mizoram, Using Remote Sensing Techniques

## ABSTRACT

1. **Survey Area** : Kolasib district, Mizoram.
2. **Geographical Extent** : 92°32' to 92°54' E Longitude and 23°52' to 24°32' N Latitude
3. **Total area Mapped** : 1,38,251 ha
4. **Agro Climatic Region** : Eastern Himalayan Region (II) as per Planning Commission.
5. **Kind of Survey** : Soil resources mapping using remote sensing techniques.
6. **Scale of Mapping** : 1 : 50,000
7. **Period of Survey** : March 2003
8. **Soil Series / Association mapped and their Extent :**

Sl No.	Mapping Unit	Map Symbol	Name of Series / Association	Area in ha	%
1.	CGc6c(a)1	1	Moupui - Saza	902	0.7
2.	CGc6c1	2	Kolasib- Saza-Moupui	1261	0.9
3.	CGc6c2	3	Maupui - Zauawk	2417	1.7
4.	CGc6c3	4	Moupui - Kamjawl	5004	3.6
5.	CGc6b1	5	Kolasib – Mat	1543	1.1
6.	CGb7b1	6	Mat – Pachang	1654	1.2
7.	CGb7c(a)1	7	Pukupui – Thingdawl	2995	2.2
8.	CGf7c1	8	Dawn - Farmveng	10169	7.3
9.	CGf7c2	9	Kamzawl - Pachang	27173	19.7
10.	CGf8c(a)1	10	Dawn – Buate – New Dawn	8313	6.0
11.	CG8c1	11	Haurang - Dawn	13825	10.0
12.	CGf9c1	12	Dumlui - Khampuilam	15422	11.2
13.	CGf9c2	13	Dawn – New Dawn	43649	31.6
14.	ALg4a1	14	Tuichhuahen – Chanwangpui – Bhairabi	721	0.5
15.	ALg4c1	15	Dimagiri – Chanwngpui	1192	0.9
16.	ALh4e1	16	Bhairabi – Tuichhuahen	291	0.2
17.	f	17	Build up area	1118	0.8
18.	g	18	Waterbody/ River	602	0.4
<b>Total</b>				<b>138251</b>	<b>100.0</b>