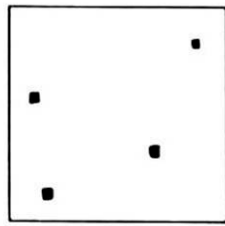## CHARTS FOR ESTIMATING PROPORTIONS OF MOTTLES AND COARSE FRAGMENTS
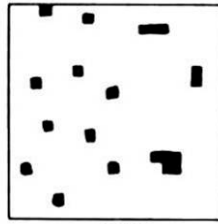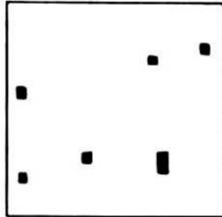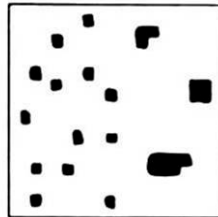

1% 5%
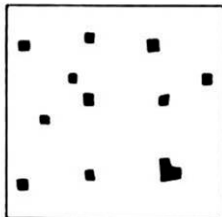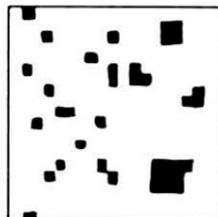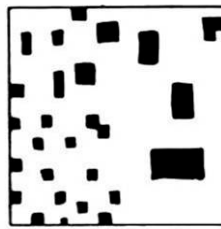
2% 7%

3% 10%
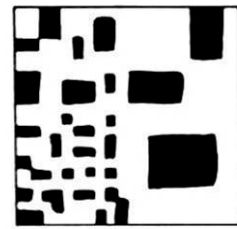
15% 30%

20% 40%

25% 50%

Each fourth of any one square has the same amount of black

Soil Color Contrast using Munsell notation

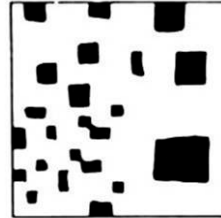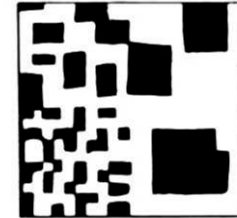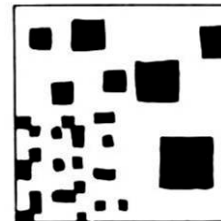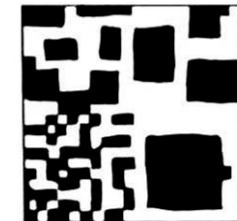| Hues are the same (Δ h = 0)			Hues differ by 2 (Δ h = 2)		
Δ Value	Δ Chroma	Contrast	Δ Value	Δ Chroma	Contrast
0	≤ 1	Faint	0	0	Faint
0	2	Distinct	0	1	Distinct
0	3	Distinct	0	≥ 2	Prominent
0	≥ 4	Prominent	1	≤ 1	Distinct
1	≤ 1	Faint	1	≥ 2	Prominent
1	2	Distinct	≥ 2	---	Prominent
1	3	Distinct	**Hues differ by 3 or more (Δ h ≥ 3)**		
1	≥ 4	Prominent	Δ Value	Δ Chroma	Contrast
≤ 2	≤ 1	Faint	Color contrast is prominent, except for low chroma and value.		
≤ 2	2	Distinct			
≤ 2	3	Distinct			
≤ 2	≥ 4	Prominent	**Note: If both colors have values of ≤ 3 and chromas of ≤ 2, the color contrast is *Faint* (regardless of the difference in hue).**		
3	≤ 1	Distinct			
3	2	Distinct			
3	3	Distinct			
3	≥ 4	Prominent			
≥ 4	---	Prominent			
Hues differ by 1 (Δ h = 1)					
Δ Value	Δ Chroma	Contrast			
0	≤ 1	Faint			
0	2	Distinct			
0	≥ 3	Prominent			
1	≤ 1	Faint			
1	2	Distinct			
1	≥ 3	Prominent			
≤ 2	≤ 1	Distinct			
≤ 2	2	Distinct			
≤ 2	≥ 3	Prominent			
≥ 3	---	Prominent			