

MINERALOGY – ANIMIKIE

Mineral Name	Colour	RGB Code	<div> <div>First</div> <div>Display Priority</div> <div>Last</div> </div>
Sulphide		255, 255, 20	
White Mica (NH ₄ -rich)		70, 70, 220	
Sulphate (Fe-rich)		163,41,122	
Gypsum		213,87,171	
Kaolinite		148,138,84	
Carbonate (Fe-rich)		0,108,105	
Carbonate		0,255,255	
Chert + Carbonate (Fe-rich)		0,176,172	
Epidote		188,255,55	
Montmorillonite		175,175,255	
Hydrous Silica/Quartz		0,176,240	
Goethite		255,153,0	
Hematite		204,102,0	
Chlorite + White Mica*		196,215,155	
White Mica		58,102,156	
Chlorite		0,192,0	
Chert		209,209,209	
Sediment (Fe-rich)		112,104,64	
Sediment 1		128,0,0	
Sediment 2		88,0,0	
Aspectral		95,95,95	

* Only displayed in the class map

MINERAL COMPOSITION PARAMETERS: IMAGING THRESHOLD



Image	Measurement*	Lower Threshold	Upper Threshold
Carbonate (all) 2340nm wavelength	L2340	2330nm	2345nm
Chlorite 2250nm wavelength	L2250	2245nm	2255nm
Iron oxide 900nm wavelength	L900	860nm	920nm
White Mica 2200nm crystallinity	$(D2200^2)/A2200$	0	0.0015
White Mica 2200nm wavelength	L2200	2200nm	2210nm

*L = wavelength (in nm) at feature minimum, R = reflectance, A = area, D = depth at feature minimum