MINERALOGY – ANIMIKIE SEDEX

Mineral Name	Colour	RGB Code
Sulphide 1		255,0,255
Sulphide 2		255, 255, 20
Sulphide 3		255,151,151
White Mica (NH_4-rich)		70, 70, 220
Carbonate (Fe-rich)		108,105
Carbonate		255,255
Kaolinite		191,183,143
Montmorillonite		151,151,255
Hydrous Silica/Quartz		83,141,213
Goethite		255,153,0
Hematite		204,102,0
Chlorite + White Mica*		196,215,155
White Mica		58,102,156
Chlorite		0,191,0
Chert (high albedo)*		166,166,166
Chert (low albedo)*		209,209,209
Sediment 1		128,0,0
Sediment 2		88, 0, 0
Sediment 3		151,071,0
Sediment 4		112, 104, 64
Aspectral		95,95,95

First

Display Priority

Last

** Only displayed in the class map*

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MINERAL COMPOSITION PARAMETERS: IMAGING THRESHOLD

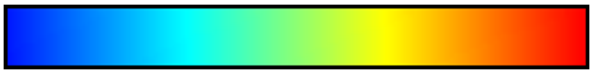

Image	Measurement*	Lower Threshold	Upper Threshold
Carbonate (all) 2340nm wavelength	L2340	2330nm	2345nm
Chlorite 2250nm wavelength	L2250	2245nm	2255nm
Iron oxide 900nm wavelength	L900	860nm	920nm
Kaolinite 2284nm crystallinity	R2184/R2164	0.94	1.01
White Mica 2200nm crystallinity	$(D2200^2)/A2200$	0	0.002
White Mica 2200nm wavelength	L2200	2200nm	2210nm

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

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