


## MINERALOGY – DULUTH COMPLEX VANADIUM

Mineral Name	RGB Code	Colour	 <div>First</div> <div>Display Priority</div> <div>Last</div>
Sulphide 1	255,0,255		
Sulphide 2	167,37,255		
Iddingsite*	151,71,0		
Goethite	255,153,0		
Hematite	204,102,0		
Natrolite	190,160,200		
Saponite	70,70,220		
Smectite (Mg-rich)	105,105,255		
Montmorillonite	175,175,255		
White Mica + Chlorite*	188,207,230		
White Mica	58,102,156		
Epidote	196,215,155		
Chlorite	155,187,89		
Calcite	0,255,255		
Prehnite	83,141,213		
Amphibole	50,50,80		
Talc (Fe-rich)	255,151,151		
Talc	255,200,200		
Phlogopite	237,185,220		
Antigorite	44,109,0		
Serpentine 2	45,95,45		
Serpentine 1	52,82,52		
Serpentinised Olivine	200,220,115		
Serpentinised Pyroxene	0,108,105		
Magnetite	95,95,95		
Orthopyroxene	191,183,143		
Clinopyroxene	0,219,214		
Diopside	0,176,172		
Olivine (Fe-rich)	255,255,20		
Olivine (MgFe-rich)	223,255,159		
Olivine (Mg-rich)	188,255,55		
Aspectral	209,209,209		
Bright Fine-grained Material	255,0,0		
Fine-grained Material	128,0,0		
Dark Fine-grained Material	88,0,0		

*\*only displayed in the class map*

## MINERAL COMPOSITION PARAMETERS: IMAGING THRESHOLD



Image	Measurement*	Lower Threshold	Upper Threshold
Pyroxene – Olivine 1000nm wavelength	L1000nm	900	1100

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