

## MINERALOGY – INTERNATIONAL FALLS GREENSTONE GOLD

Mineral Name	Colour	RGB Code	<div>First</div> <div>Display Priority</div> <div>Last</div>
Tourmaline		167,37,255	
Garnet		255,151,151	
Green Mica		58,102,156	
Talc		0,255,0	
Epidote		188,255,55	
Prehnite		155,187,89	
Zeolite		255,237,105	
Biotite		128,0,0	
Amphibole		52,82,52	
Carbonate (Fe-rich)		185,255,255	
Carbonate		0,255,255	
Sepiolite		196,215,155	
Hydrous Silica/Quartz		250,250,250	
Montmorillonite		175,175,175	
White Mica + Chlorite*		148,138,84	
White Mica + Aspectral*		188,207,230	
Gypsum		213,87,171	
White mica		83,141,213	
Chlorite		0,191,0	
Amphibole (Fe-rich)		45,95,45	
Orthopyroxene		112,104,64	
Clinopyroxene		168,128,0	
Aspectral		209,209,209	
Aspectral 2		166,166,166	
Aspectral (Fe-rich)		0,108,105	

*\*Only displayed in the class map*

## MINERAL COMPOSITION PARAMETERS: IMAGING THRESHOLD



Image	Measurement*	Lower Threshold	Upper Threshold
<b>Amphibole 2310nm wavelength</b>	L2310	2310nm	2334nm
<b>Biotite 2250nm wavelength</b>	L2250	2245nm	2252nm
<b>Carbonate (all) 2340nm wavelength</b>	L2340	2315nm	2345nm
<b>Chlorite 2250nm wavelength</b>	L2250	2249nm	2262nm
<b>Epidote 1550nm wavelength</b>	L1550	1548nm	1558nm
<b>Tourmaline 2200nm wavelength</b>	L2200	2200nm	2205nm
<b>Tourmaline 2350nm crystallinity</b>	(D2350 <sup>2</sup> )/A2350	0.0001	0.001
<b>Tourmaline 2350nm wavelength</b>	L2350	2350nm	2365nm
<b>Tourmaline Fe-slope</b>	R1850/R1350	0.75	1.25
<b>White Mica (all) 220nm crystallinity</b>	(D2200 <sup>2</sup> )/A2200	0.001	0.008
<b>White Mica (all) 2200nm wavelength</b>	L2200	2195nm	2215nm

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