



**Supplemental Figure 3.** 904 nm to 1009 nm slope map images for each of the Pancam magnet observations, showing capture magnet at top and filter magnet at bottom. These images were created by calculating the slope between 904 and 1009 nm and mapping those values such that the brighter areas represent more positive slopes. Images are stretched identically from 0.0 to 0.0004. The “dark” capture magnet dust appears bright in these images because of its characteristic positive NIR slope. ([suppfig3a.jpg](#), [suppfig3b.jpg](#), [suppfig3c.jpg](#), [suppfig3d.jpg](#), [suppfig3e.jpg](#), [suppfig3f.jpg](#), [suppfig3g.jpg](#), [suppfig3h.jpg](#), [suppfig3i.jpg](#), [suppfig3j.jpg](#))