

Latitude: -20.29

Figure 10 displays two panels showing depth profiles of SWIR and TIR spectral groups. The left panel is for SWIR (0-1000 nm) and the right panel is for TIR (1000-2500 nm). Both panels show Spectral Contribution (0-100%) and SNR (0-1500) on the y-axis (Depth in m, 0-300). The x-axis for both panels is Error (0-1000). The SWIR panel shows a large area of WHITE-MICA (yellow) and KAOLIN (red) at the bottom. The TIR panel shows a large area of SILICA (pink) and SULPHATE (dark green) at the bottom. A legend at the bottom identifies the spectral groups: WHITE-MICA, KAOLIN, INVALID, SULPHATE, SMECTITE, CARBONATE, SILICA, PLAGIOCLASE, and K-FELDSPAR.