

Explanation for automated ASTER mineral mapping: Attribute name: Materialid advanced argillic (+/- ferric iron) argillic and weathered phyllic +/- minor alunite and (or) pyrophyllite argillic and weathered phyllic + ferric iron +/- minor alunite and (or) pyrophyllite carbonate-propylitic carbonate-propylitic + ferric iron carbonate-propylitic + sericite carbonate-propylitic + sericite + ferric iron carbonate-propylitic +/- hydrous silica (may include some dolomite) carbonate-propylitic +/- hydrous silica + ferric iron (may include some dolomite) carbonate-propylitic + ferrous iron dolomite (may include chlorite or epidote in volcanic terranes) dolomite + ferrous iron (may include chlorite or epidote in volcanic terranes) dolomite + ferric iron (may include chlorite or epidote in volcanic terranes) ferrous iron green vegetation hydrous silica jarosite +/- sericite +/- smectite, or hydrous silica + ferric iron major ferric iron minor ferric iron sericite + chlorite or Fe/Mg sericite sericite + chlorite or Fe/Mg sericite + ferric iron sericite and (or) smectite sericite and (or) smectite + ferric iron

a.

b.