Appendix 3: photos

PHOTO 1: EXAMPLE OF SULPHIDE MINERALIZATION AT MATILDE

Pyrite +/- chalcopyrite veinlets in the matrix to altered granodiorite host rock from drill hole 20MT_001 at about 190.00 metres.

Sulphides are surrounded by sericite/chlorite and quartz (silica) flooding. Original feldspar minerals are being altered to mica minerals. The pinkish-red colouration is hematite.

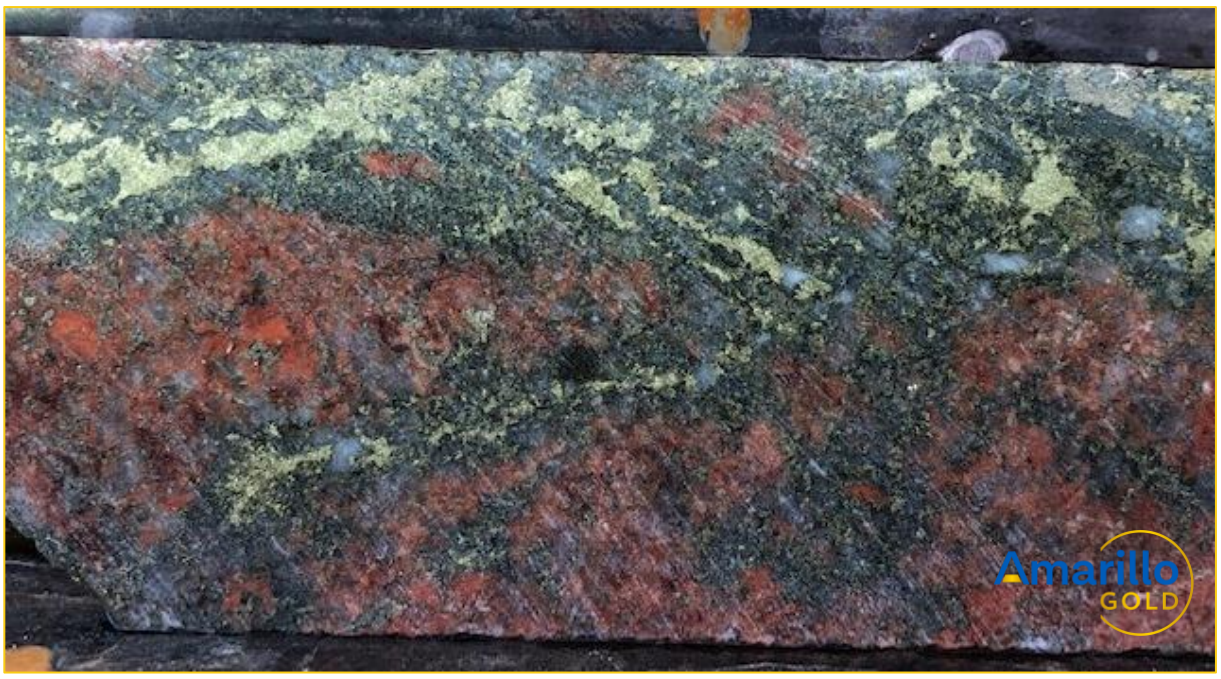

PHOTO 2: TYPICAL ALTERED HYDROTHERMAL BRECCIA AT MATILDE FROM DRILL HOLE 20MT_001

Original granodiorite host rock is being pervasively altered by hydrothermal fluids resulting in a hydrothermal breccia.

Original feldspar minerals being replaced by sericite (yellow minerals) and hematite (scarlet red and pink minerals). Silica occurs in the matrix to feldspar fragments.

PHOTO 3: MINERALIZED HYDROTHERMAL BRECCIA FROM DRILL HOLE 20MT_002.

Disseminated sulphide (pyrite – metallic mineral), sericite (green and yellow) and silica (quartz) matrix supports pinkish feldspar fragments.

Note the original granodiorite host rock has been transformed into a breccia through hydrothermal activity. Original feldspar minerals are broken down by hydrothermal activity to create the breccia.