Bot Claims
105G-10
GEOLOGY WORK SHEET

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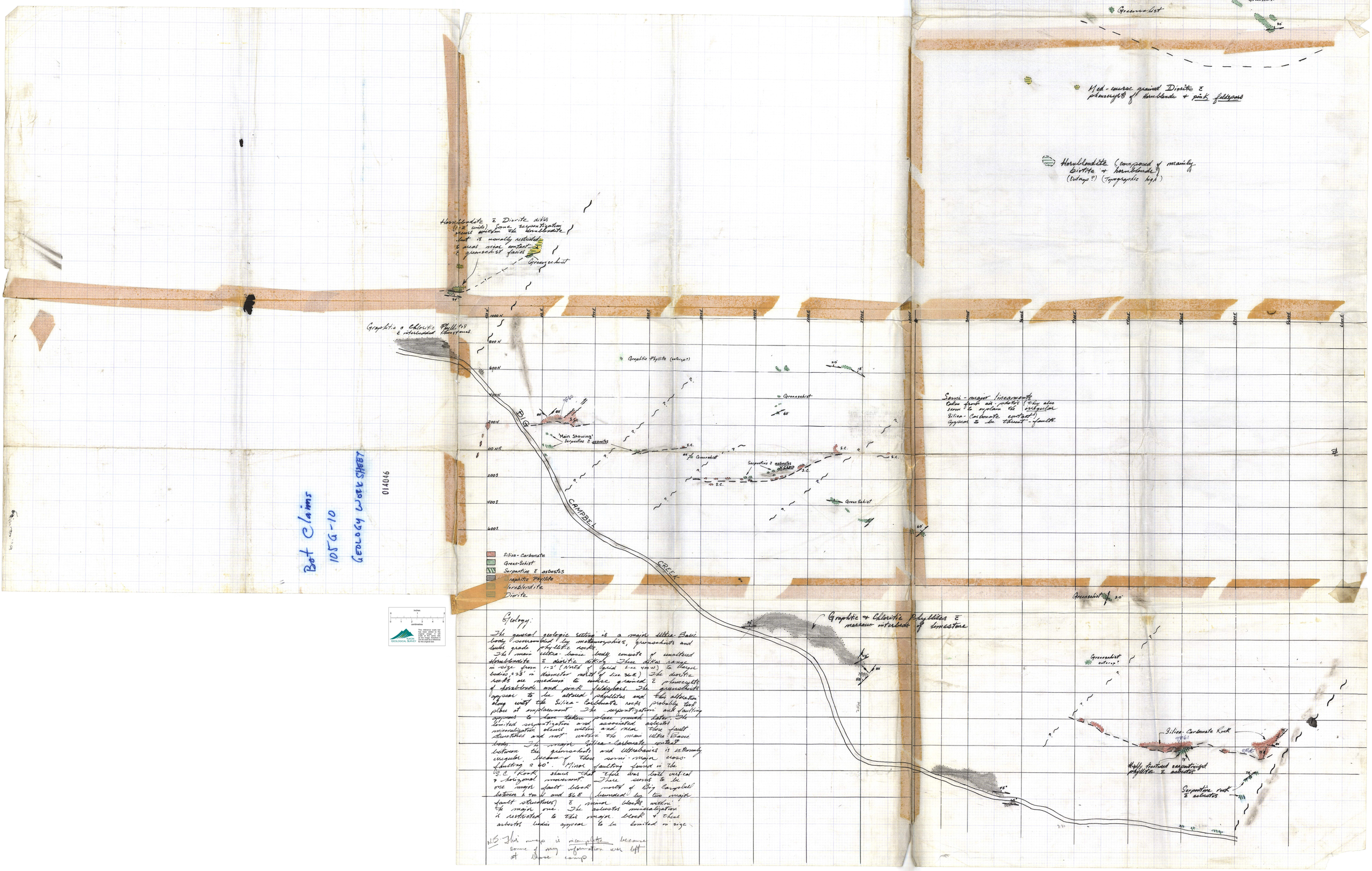

Geology:

The general geologic setting is a major Ultra-Basic body surrounded by metamorphics, greenschists and lower grade phyllitic rocks.

The main ultra-basic body consists of altered hornblendite & diorite dikes. These dikes range in size from 1-2' (North of Grid line 400 N) to large bodies 333' in diameter north of (grid line 2+00 N). The diorite rocks are medium to coarse grained & phenocrysts of hornblende and pink feldspars. The hornblendite appear to be altered phyllites and the alteration along with the Silica-Carbonate rocks probably took place at emplacement. The serpentization and faulting appears to have taken place much later. The limited serpentization and associated asbestos mineralization occurs within and near these fault structures and not within the main ultra-Basic body. The major Silica-Carbonate contact between the greenschists and ultrabasics is irregular because of these semi-major cross-faulting & 60°. Minor faulting found in the U.G. Rock shows that there was both vertical & horizontal movement. There seems to be one major fault block north of Big Campbell between 1+00 W and 3+00 E (bounded by two major fault structures) & minor blocks within the main one. The asbestos mineralization is restricted to this major block & these asbestos bodies appear to be limited in size.

N.B. This map is incomplete because some of my information was left at Dease camp