

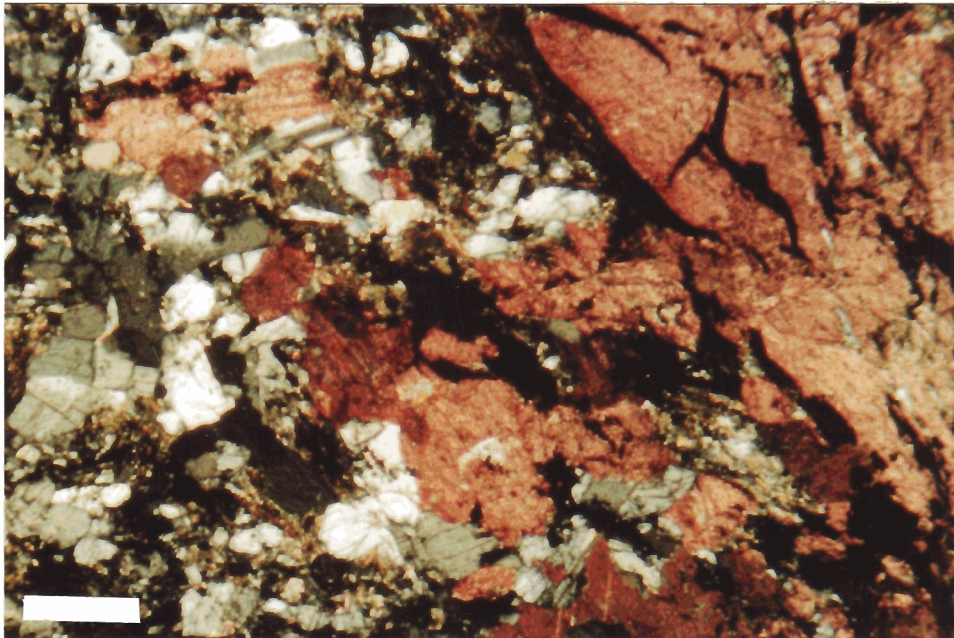


PLATE 67: Sericitic quartzite and graphitic marble. Collier fm.,
4580-90'.

XN

R-31

Bar represents 1/4 mm

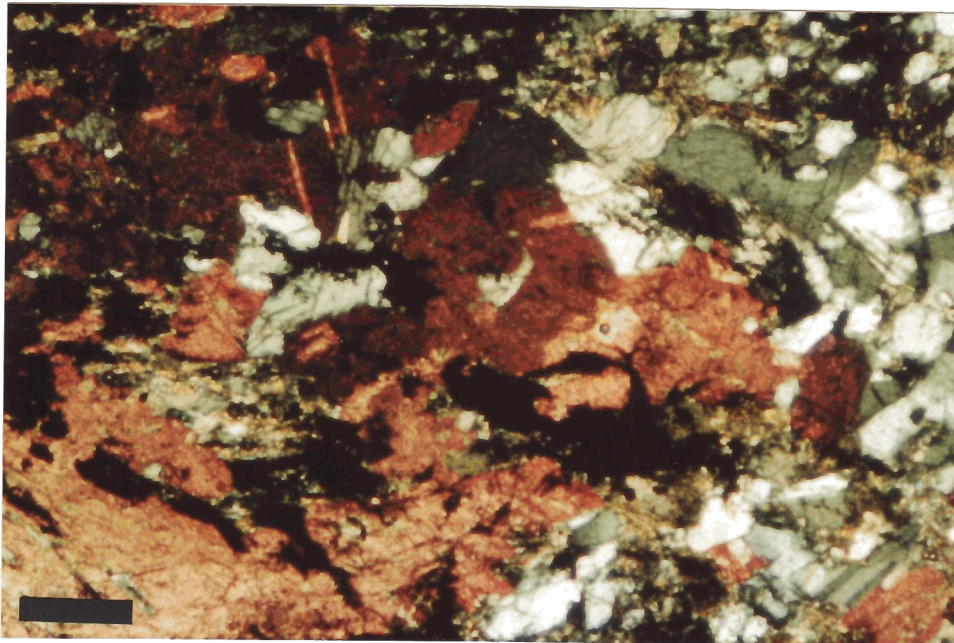


PLATE 68: Graphitic sericitic dolomitic sandy marble. Graphite - black,
sericite - tan fibrous, dolomite - tan rhombic. Calcite stained red.
Collier fm., 4580-90'.

XN

P-9

Bar represents 1/4 mm

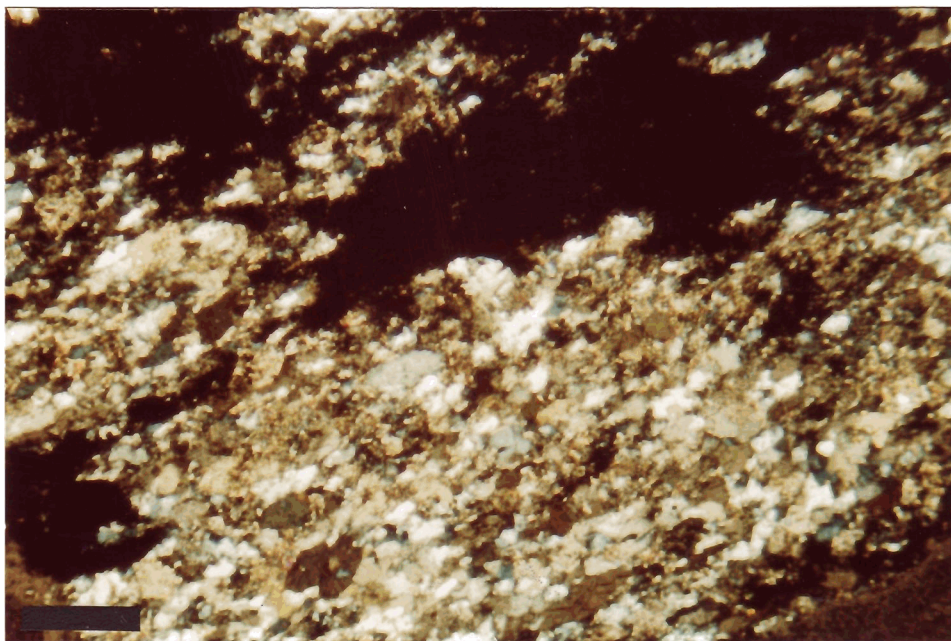


PLATE 69: Sericitic graphitic dolomitic quartzite. Collier fm.,
4580-90'.

XN

R-32

Bar represents 1/4 mm

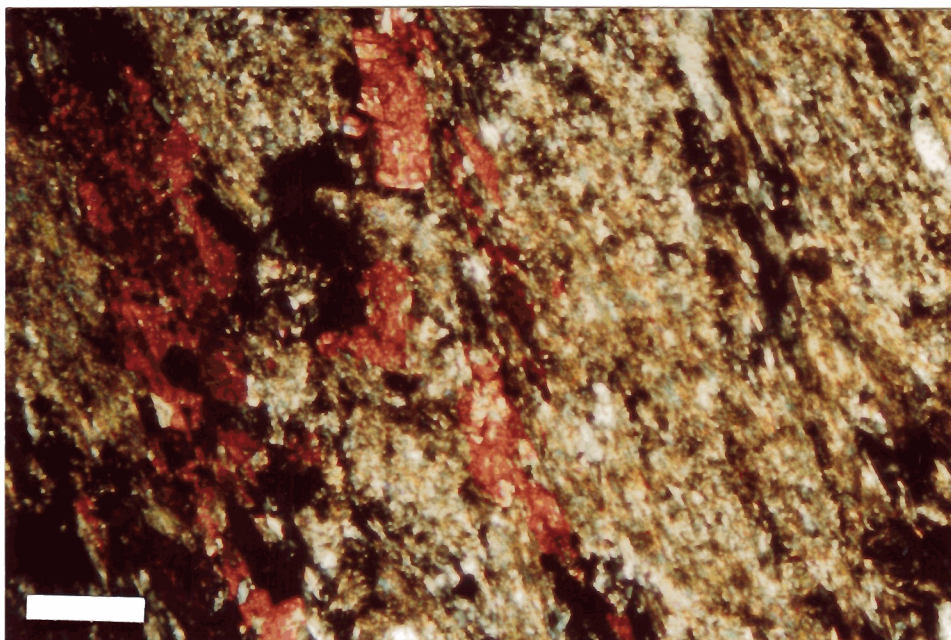


PLATE 70: Slightly sandy, calcareous and graphitic schist. Collier fm.,
4650-60'.

XN

R-33

Bar represents 1/4 mm

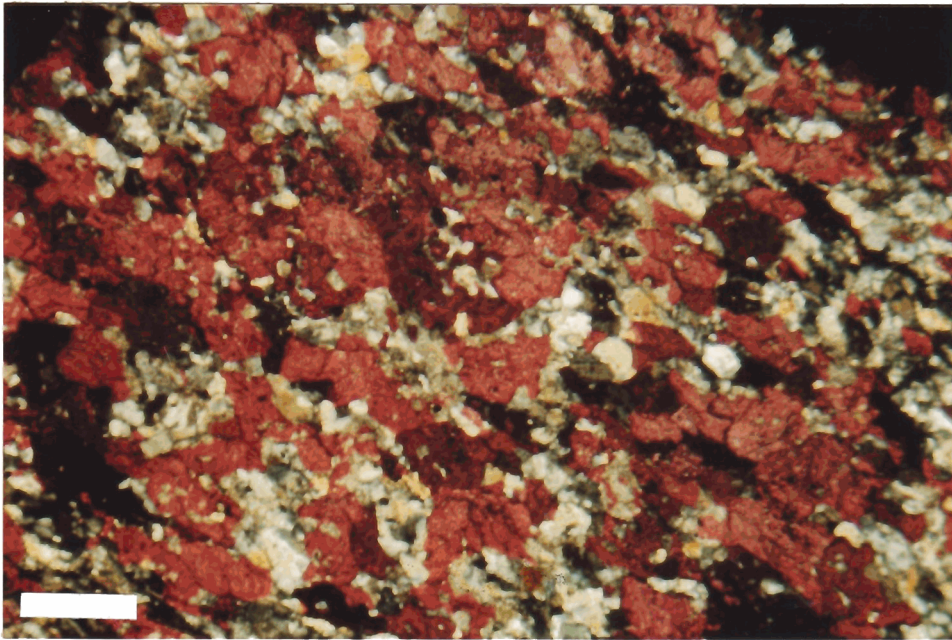


PLATE 71: Calcite replacement in fine grain quartzite. Collier fm.,
4700-10'.

XN

R-34

Bar represents 1/4 mm



PLATE 72: Sericite slightly graphitic quartzite. Collier fm., 4850-60'

XN

R-35

Bar represents 1/4 mm

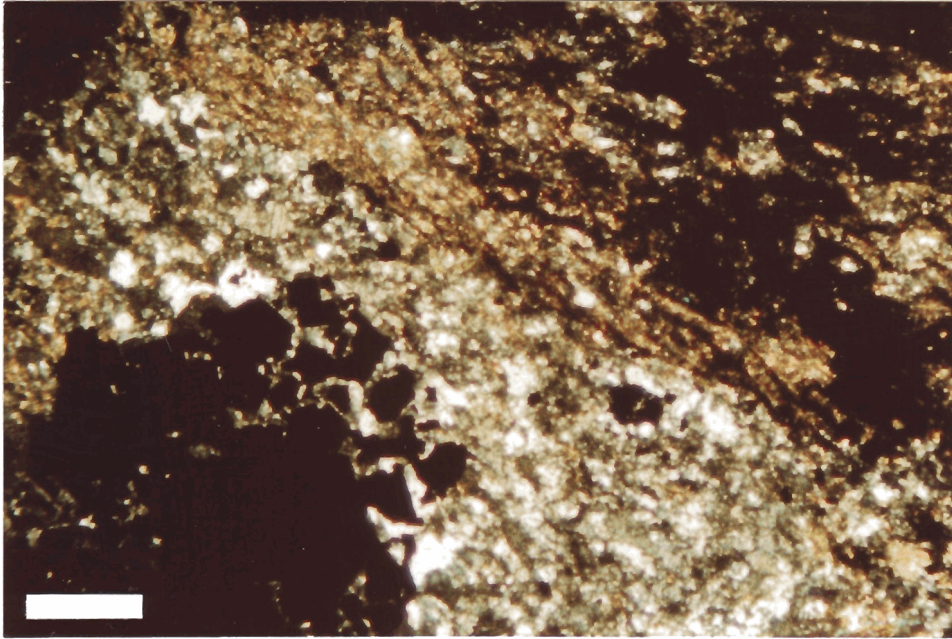


PLATE 73: Pyrite (lower left) in quartzite and graphitic sericite schist. Collier fm., 4850-60'.

XN

R-36

Bar represents 1/4 mm

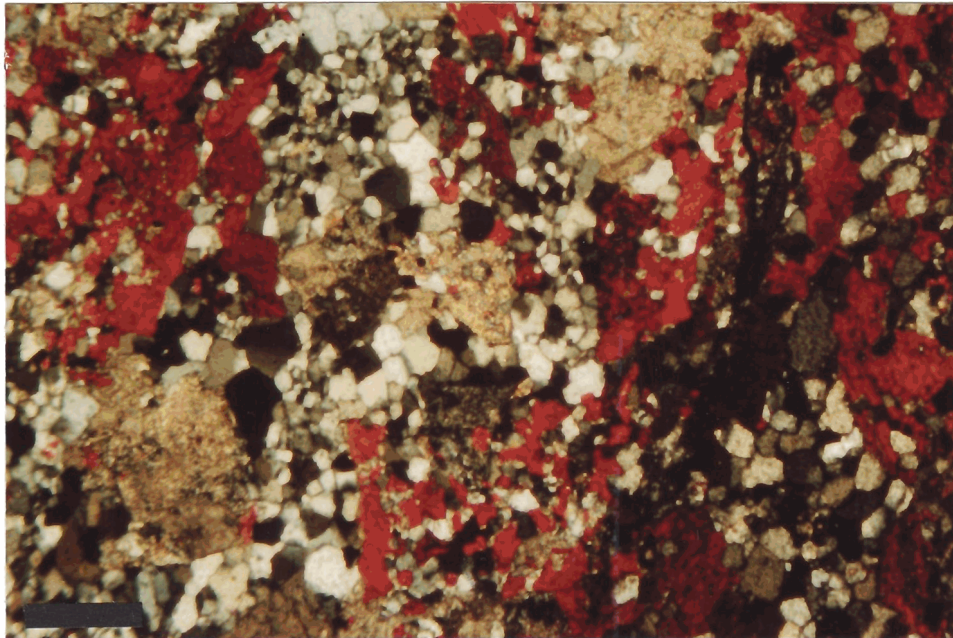


PLATE 74: Calcite and dolomite replacement in fine grained quartzite. Collier fm., 4890-00'.

XN

R-37

Bar represents 1/4 mm

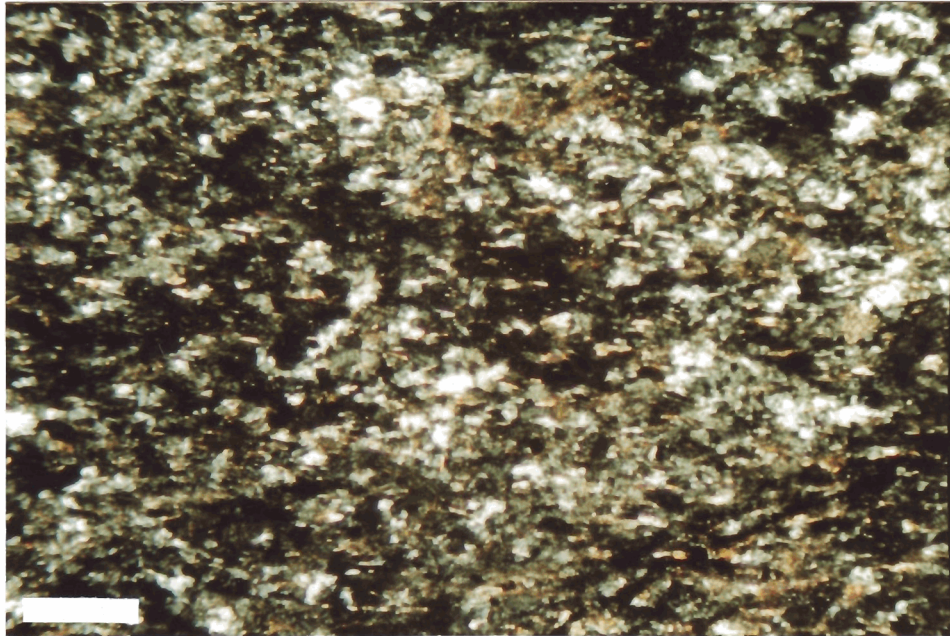


PLATE 75: Rutile needles in graphitic schistose quartzite. Collier fm.,
4980-90'.

XN

S-1

Bar represents 1/4 mm

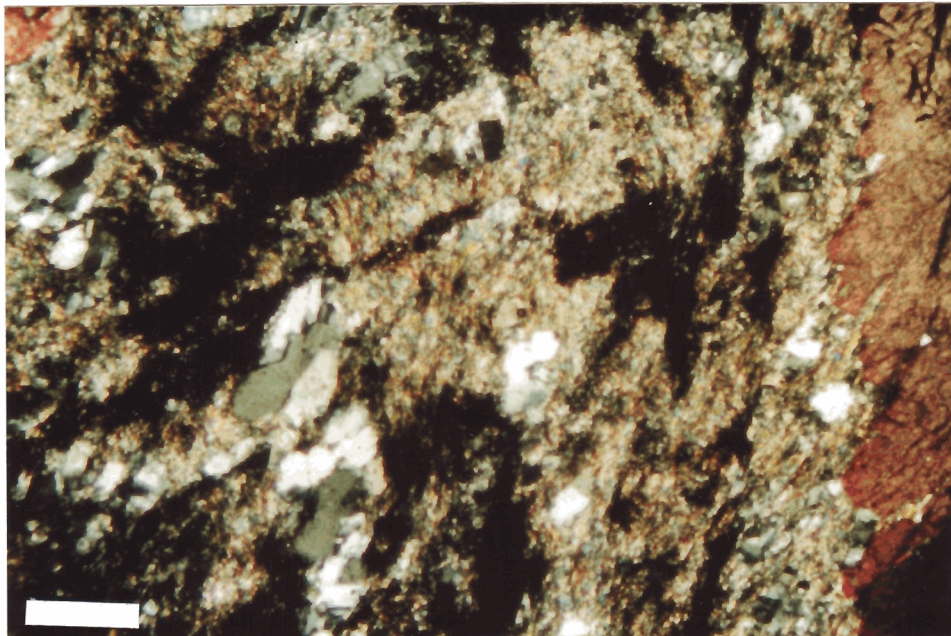


PLATE 76: Quartz grains in graphitic sericitic schist. Note calcite
replacement. Collier fm., 5050-60'.

XN

S-2

Bar represents 1/4 mm

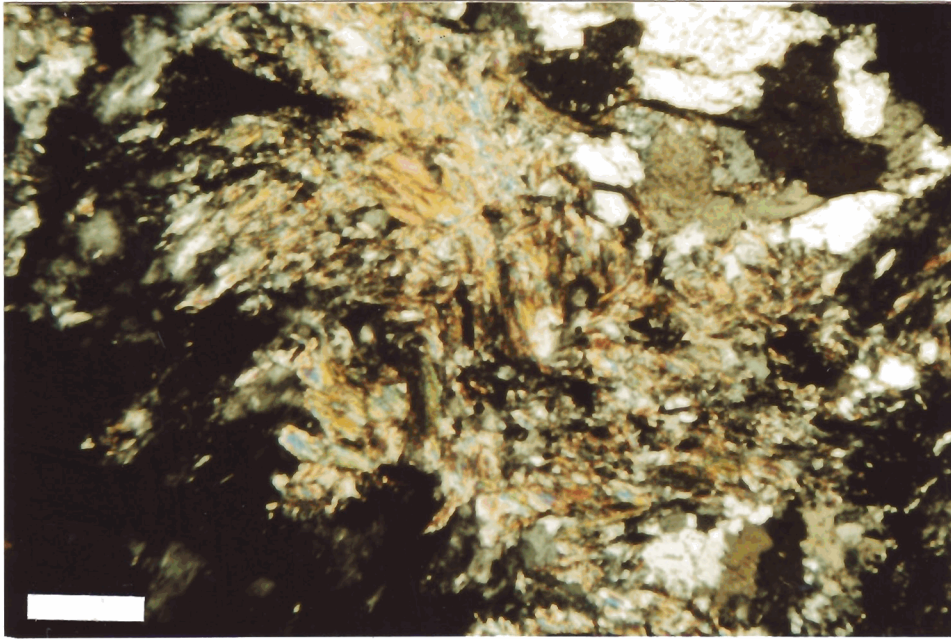


PLATE 77: Very shredded sheared sandy graphitic sericitic schist.
Collier fm., 5050-60'.

XN

S-3

Bar represents 1/4 mm

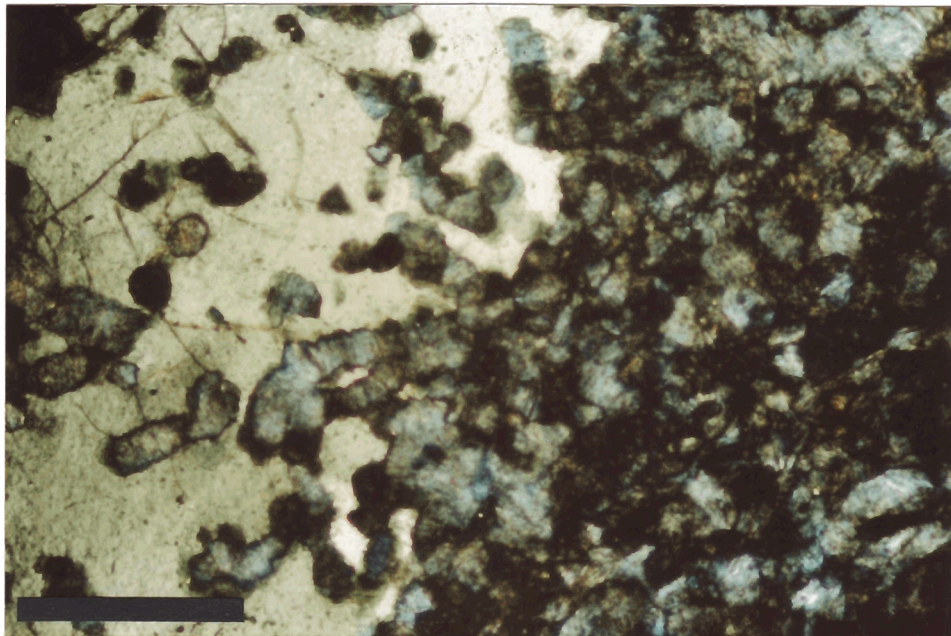


PLATE 78: Vermicular chlorite (blue) crystals in quartz. Note fractured nature of the quartz. Vermicular chlorite was a common constituent in the Ordovician Womble according to Honess (1923, PLATE XIII).
Womble fm., 5180-90'.

XN

S-4

Bar represents 1/4 mm

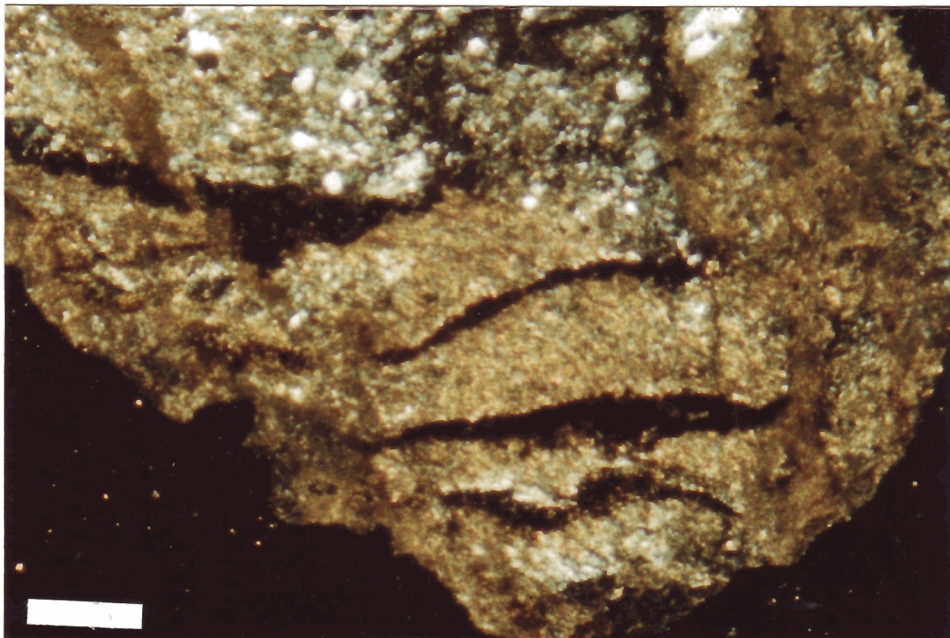


PLATE 79: Quartzite parting in graphitic sericitic schist. Collier fm.,
5180-90'.

XN

S-5

Bar represents 1/4 mm

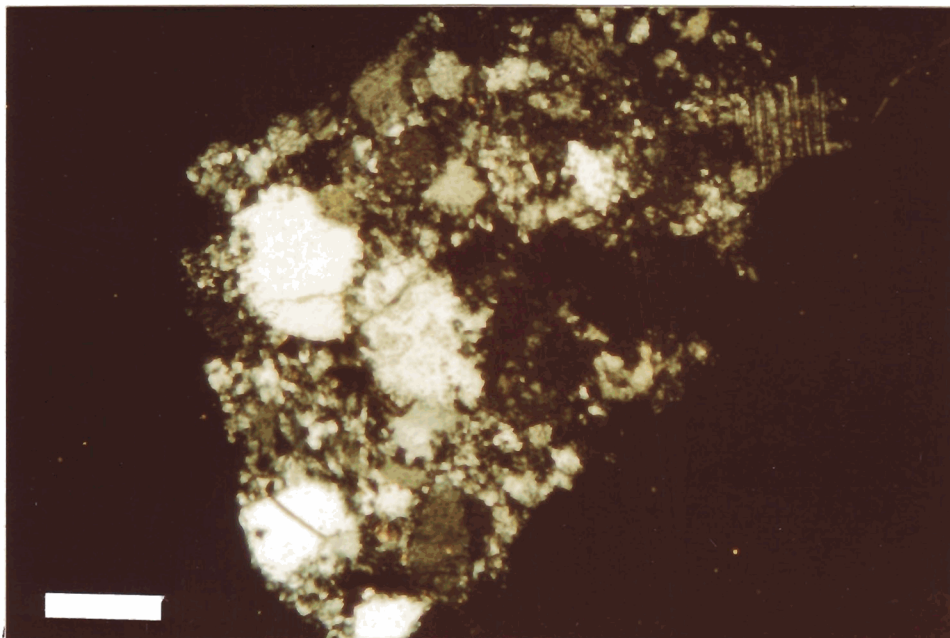


PLATE 80: Bimodal quartz in schistose quartzite. Note albite in upper
right. Womble fm., 5260-70'.

XN

S-6

Bar represents 1/4 mm

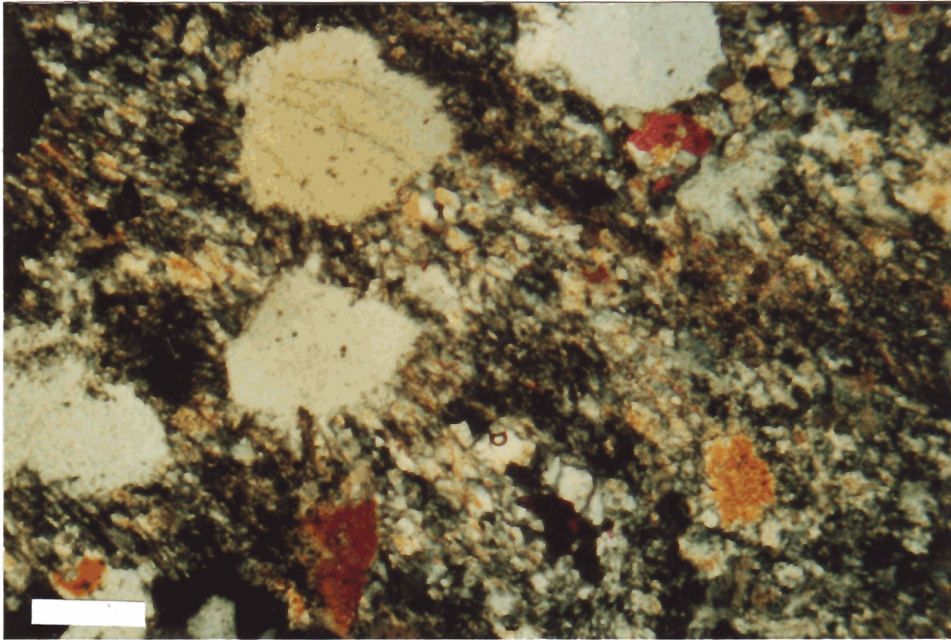


PLATE 81: Bimodal quartz in schistose quartzite. Womble fm., 5290-00'.
XN S-7 Bar represents 1/4 mm

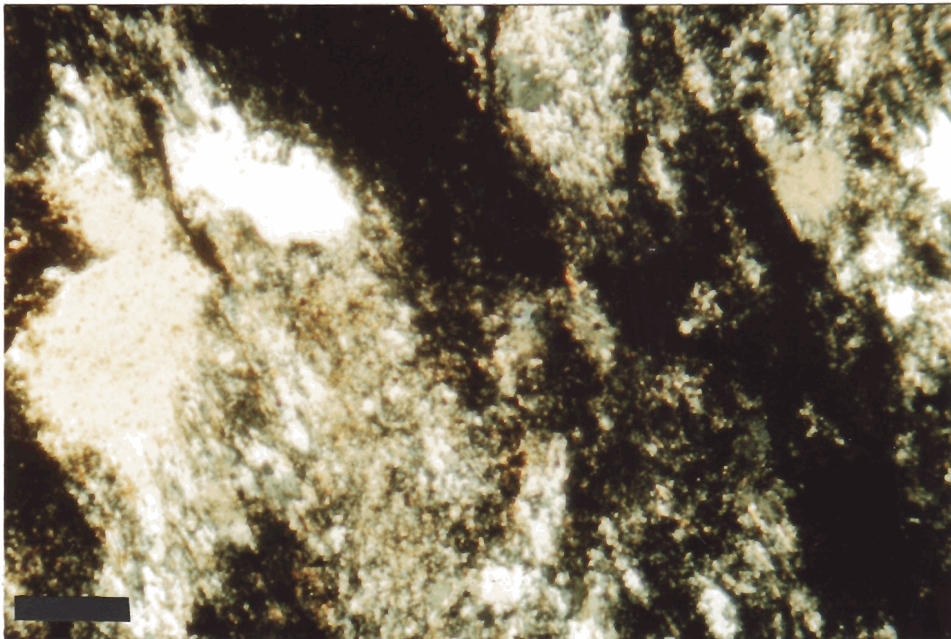


PLATE 82: Shredded sandy sericitic graphitic phyllite/schist. Collier
fm. caving(?), 5290-00'.
XN S-8 Bar represents 1/4 mm

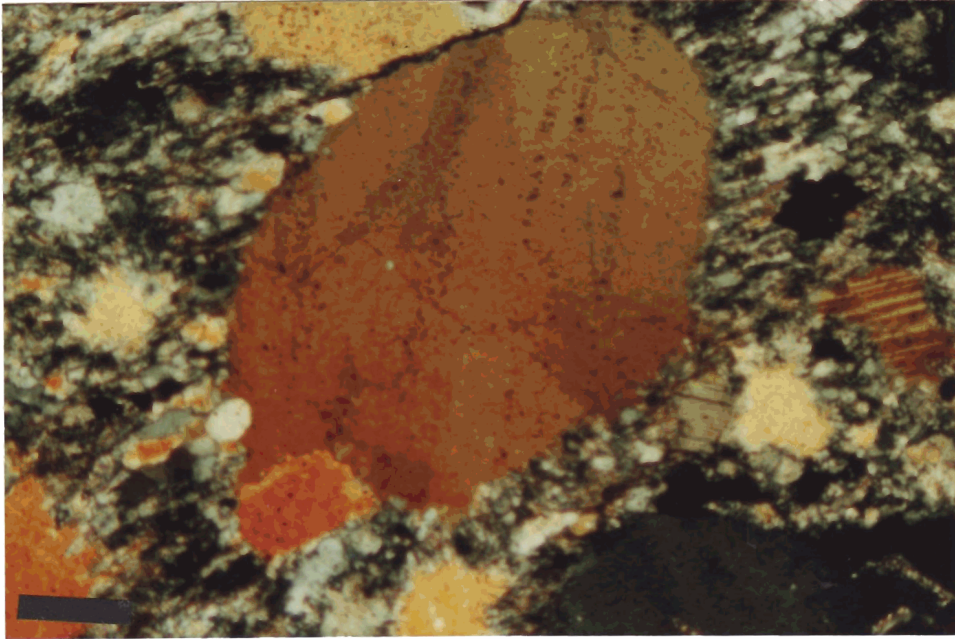


PLATE 83: Bimodal schistose quartzite with two (2) albite grains (center right). Womble fm., 5330-40'.

XN

S-9

Bar represents 1/4 mm

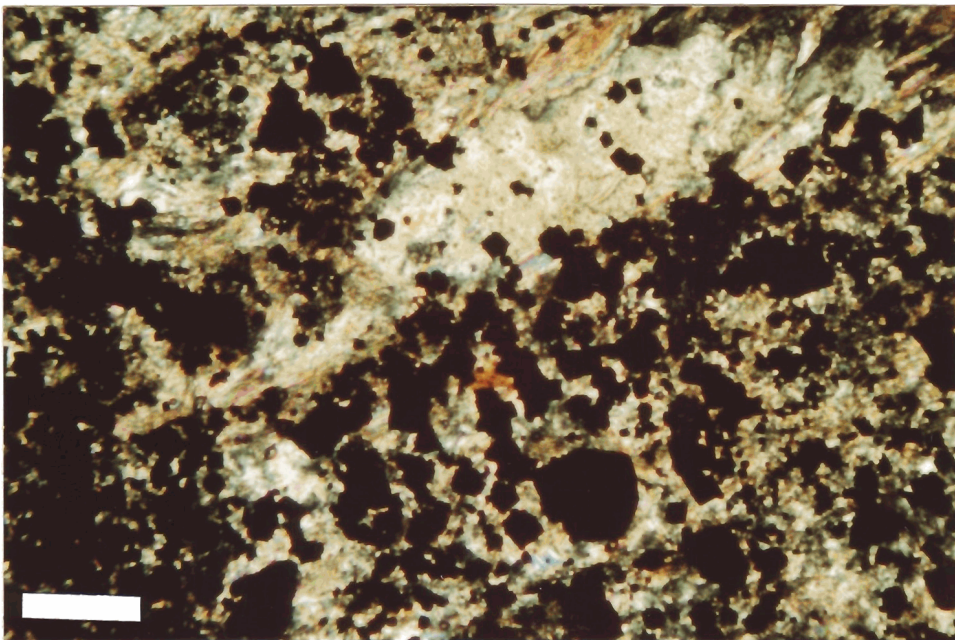


PLATE 84: Pyrite rich sandy mica schist. Womble fm., 5430-40'.

XN

S-10

Bar represents 1/4 mm

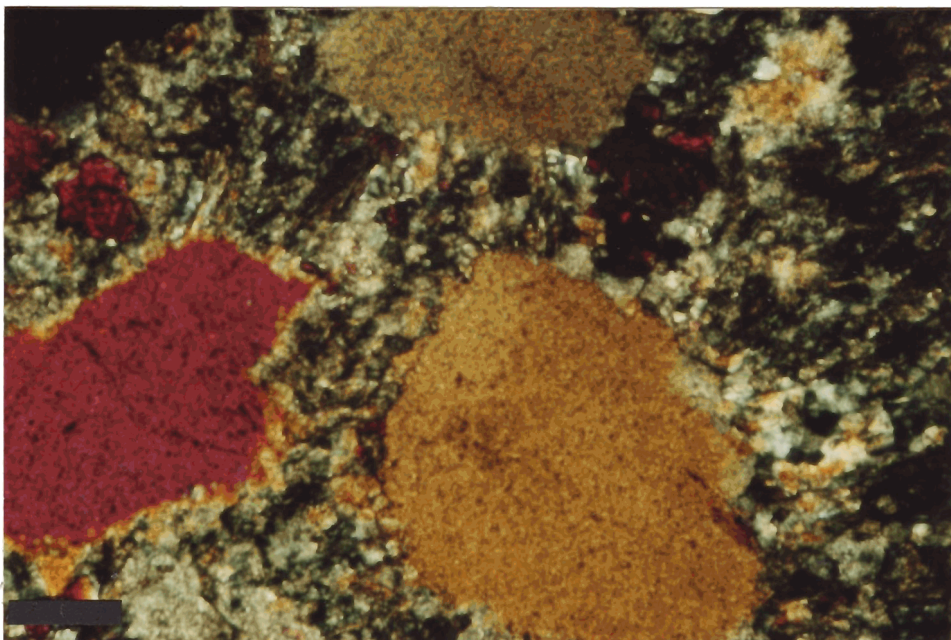


PLATE 85: Bimodal slightly calcareous sericitic quartzite. Calcite stained red. Womble fm., 5430-40'.

XN

P-10

Bar represents 1/4 mm

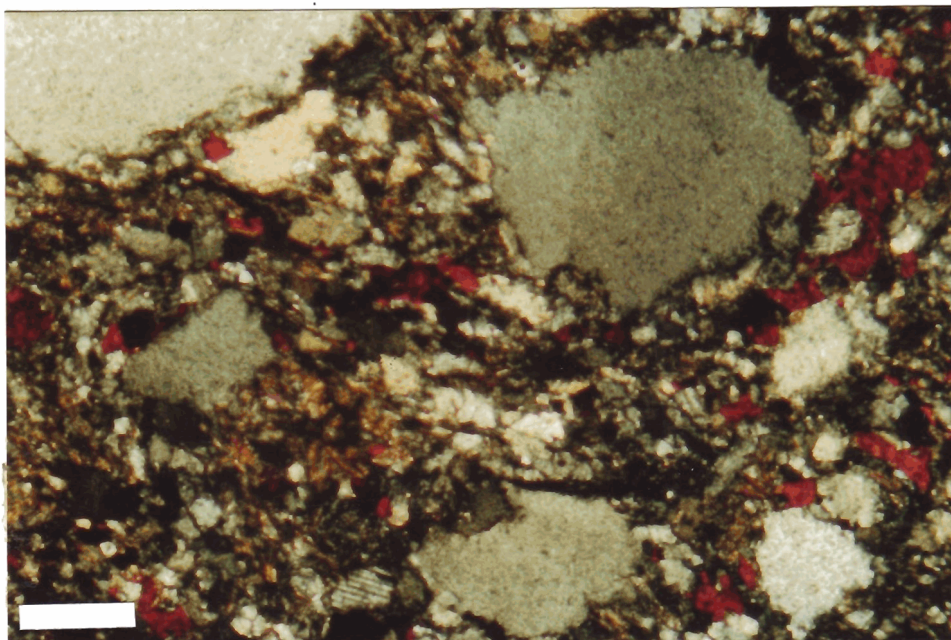


PLATE 86: Bimodal slightly calcareous schistose quartzite. Trace albite. Womble fm., 5480-90'.

XN

S-11

Bar represents 1/4 mm

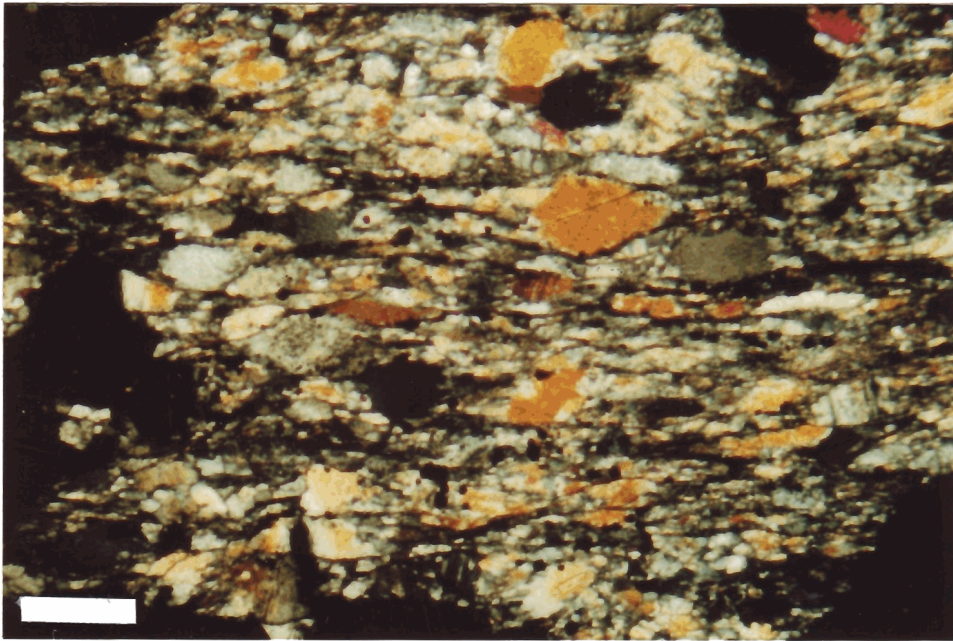


PLATE 87: Bimodal schistose quartzite exhibiting shear lineation. Womble fm., 5550-60'.
XN S-12 Bar represents 1/4 mm

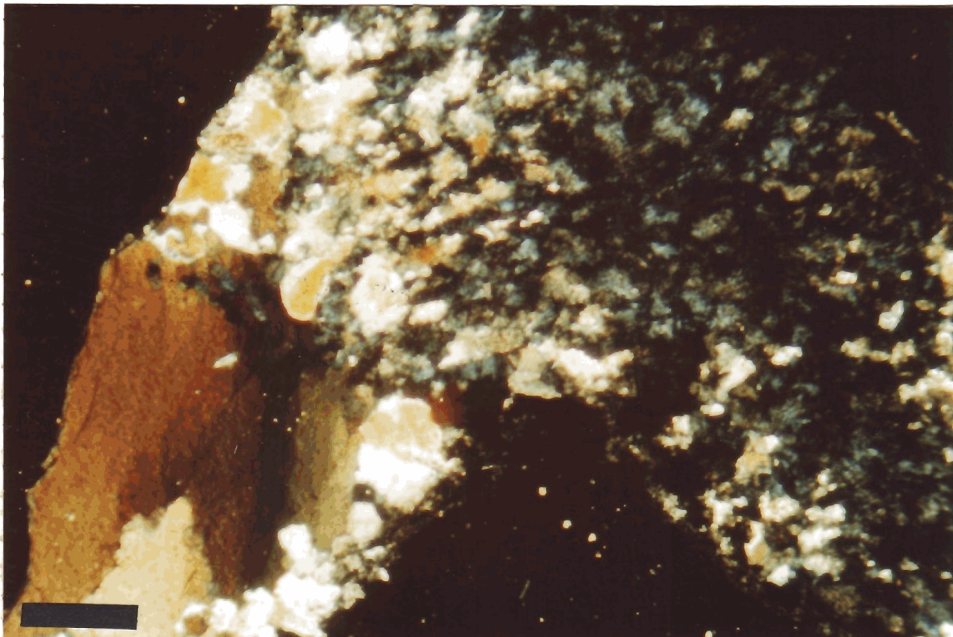


PLATE 88: Chlorite rich bimodal quartzite. Chlorite crystals are olive and blue in color. Womble fm., 5550-60'.
XN S-13 Bar represents 1/4 mm

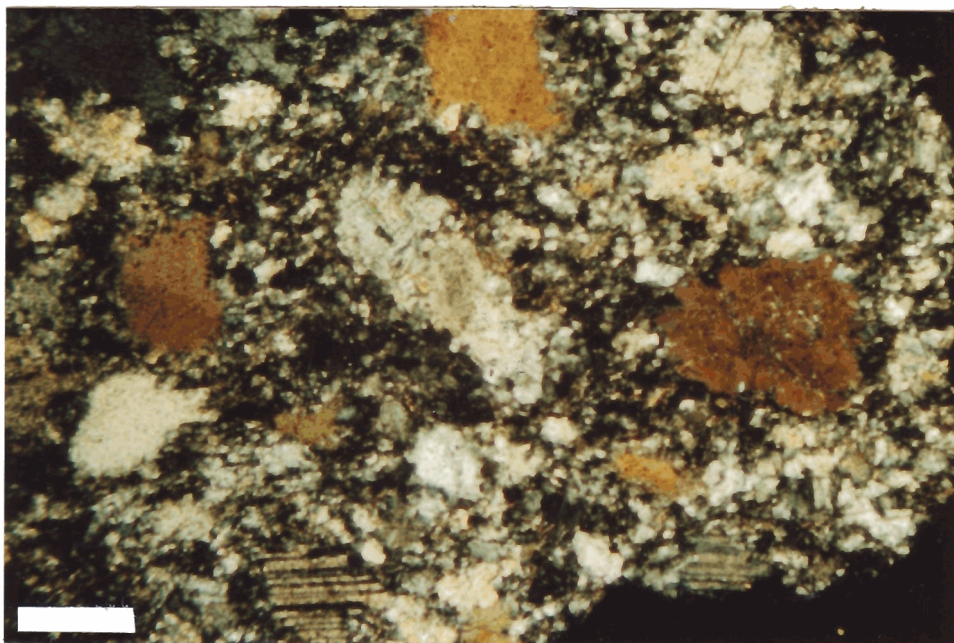


PLATE 89: Bimodal schistose quartzite. Trace albite. Womble fm.,
5630-40'.

XN

S-14

Bar represents 1/4 mm

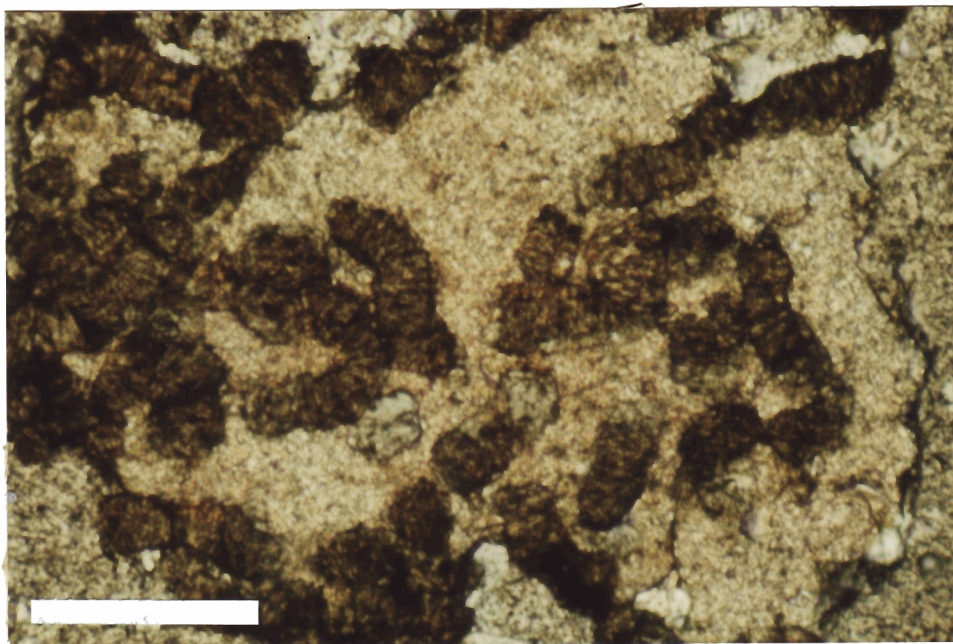


PLATE 90: Vermicular chlorite crystals in quartz (vein filling). This
sample is similar to PLATE XIII, figure A & B, Page 67 (Honess,
1923). Womble fm., 5630-40'.

P-12

Bar represents 1/4 mm

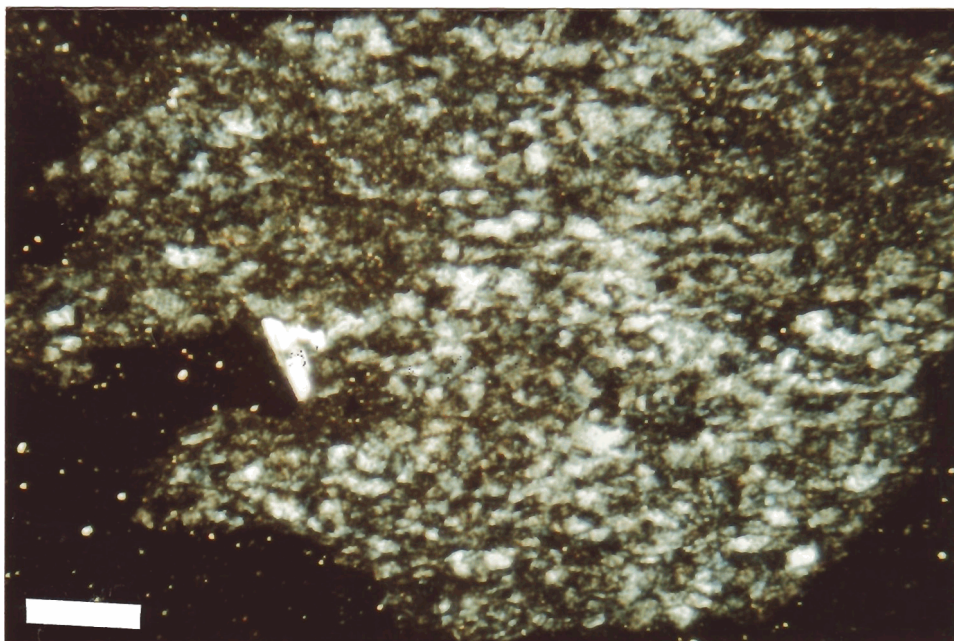


PLATE 91: Crystalline chlorite "sand". Womble fm., 5630-40'.
XN S-15 Bar represents 1/4 mm

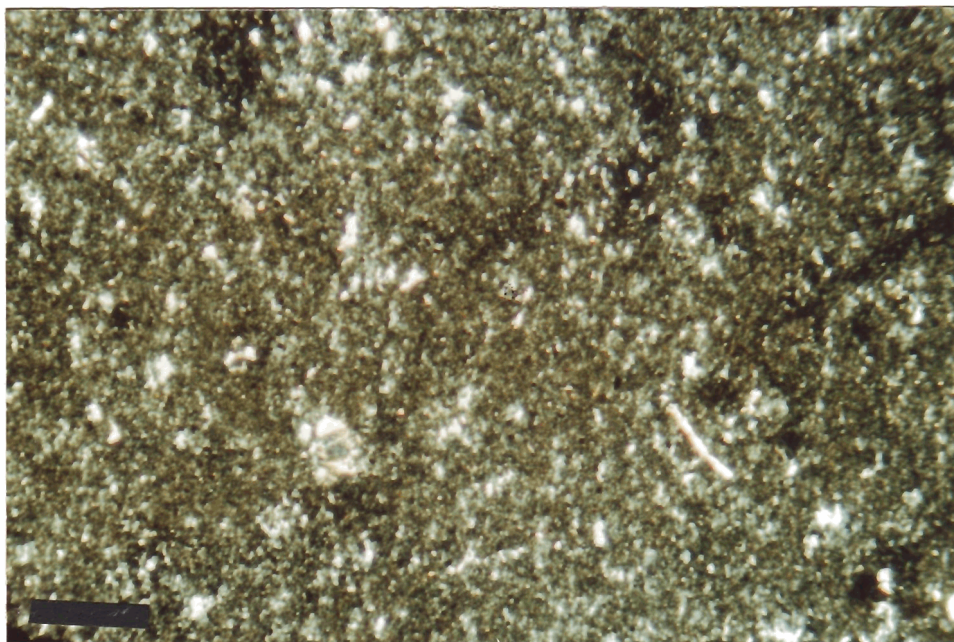


PLATE 92: Rutile needles(?) in slightly argillaceous chert. Womble fm.,
5790-00'.
XN S-16 Bar represents 1/4 mm

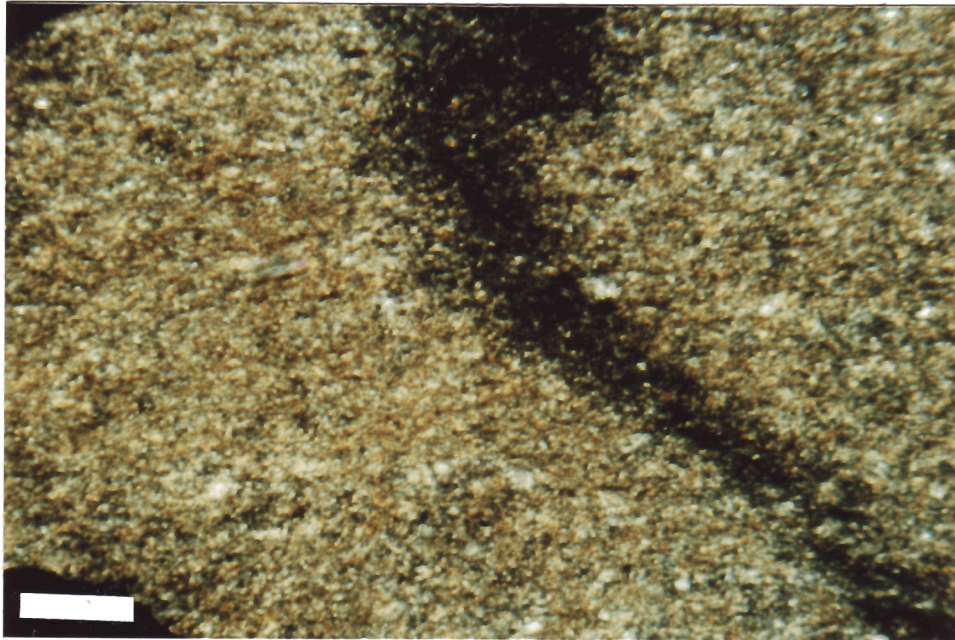


PLATE 93: Finely sandy mica phyllite. Trace rutile needles. Womble fm.,
6070-80'.
XN S-17 Bar represents 1/4 mm

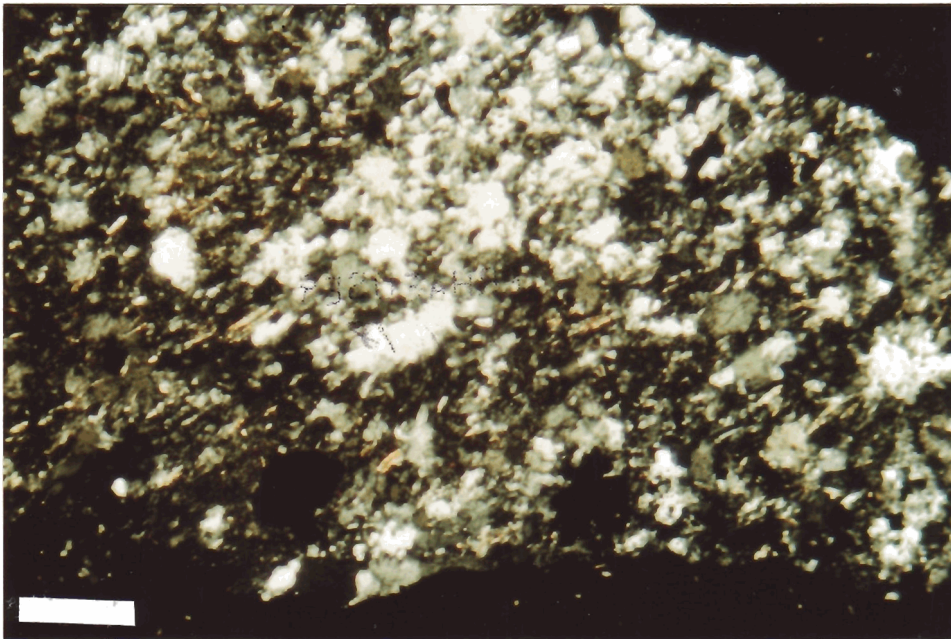


PLATE 94: Rutile needles in schistose quartzite. Womble fm., 6150-60'.
XN S-18 Bar represents 1/4 mm

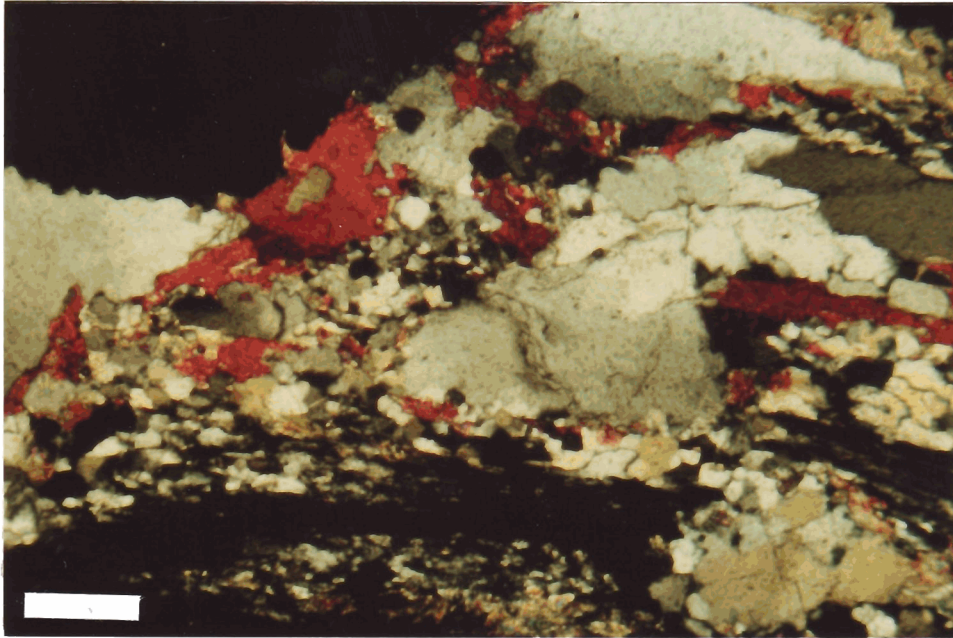


PLATE 95: Slightly calcareous sericitic chlorite bimodal schistose quartzite. Note sutured contacts between quartz grains. Womble fm., 6280-90'.

XN

S-19

Bar represents 1/4 mm

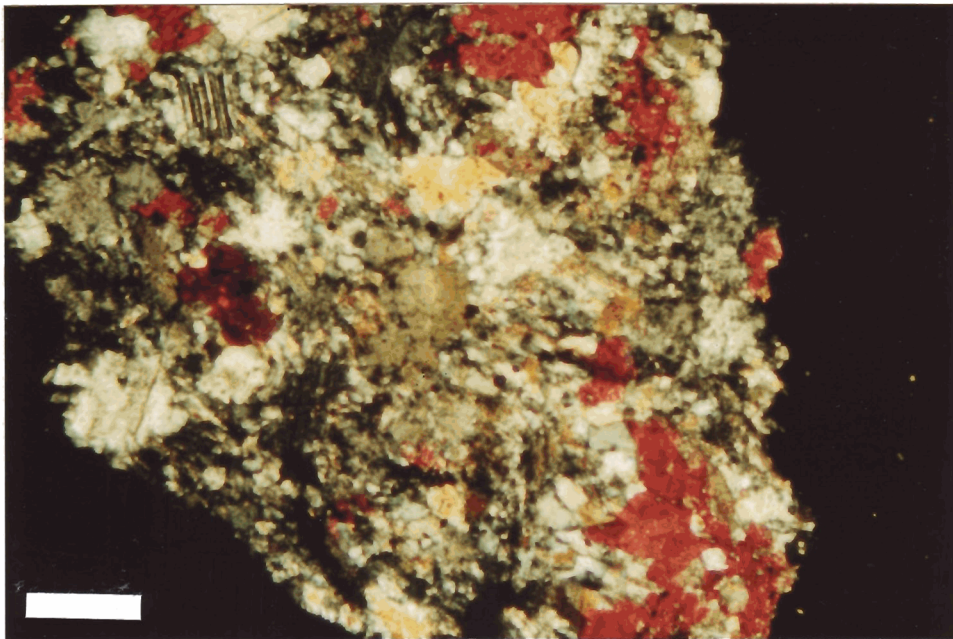


PLATE 96: Calcareous bimodal quartz grain schistose quartzite. Trace albite. Womble fm., 6280-90'.

XN

S-20

Bar represents 1/4 mm

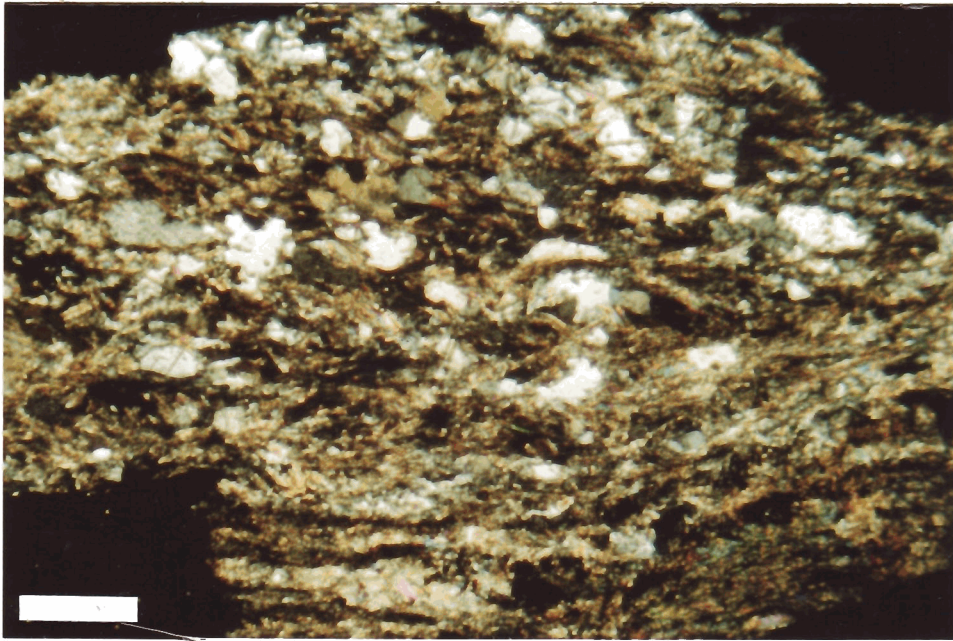


PLATE 97: Sandy sericitic chloritic schist. Womble fm., 6540-50'.
XN S-21 Bar represents 1/4 mm

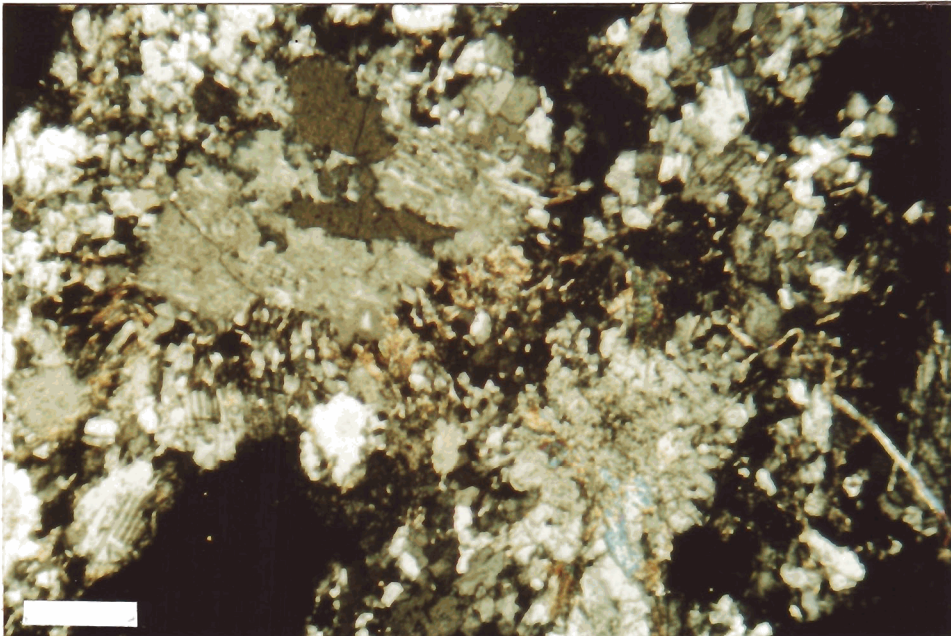


PLATE 98: Bimodal very ragged schistose quartzite. Note sericite (tan fibrous), albite (light gray striated), and rutile needles. Womble fm., 6540-50'.
XN S-22 Bar represents 1/4 mm

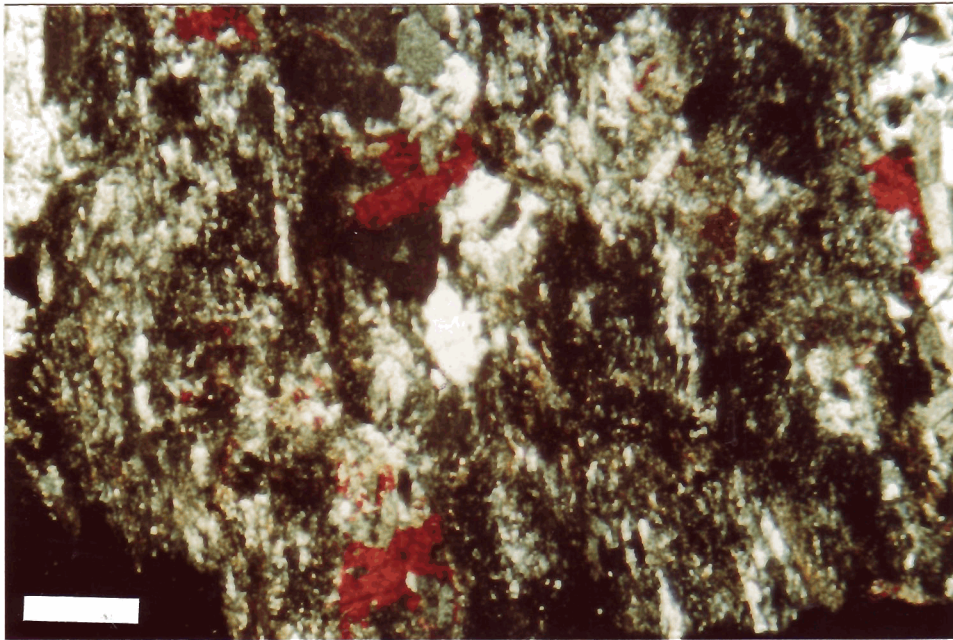


PLATE 99: Slightly calcareous sandy sericite chlorite schist. Womble fm., 6680-90'.

XN

S-23

Bar represents 1/4 mm

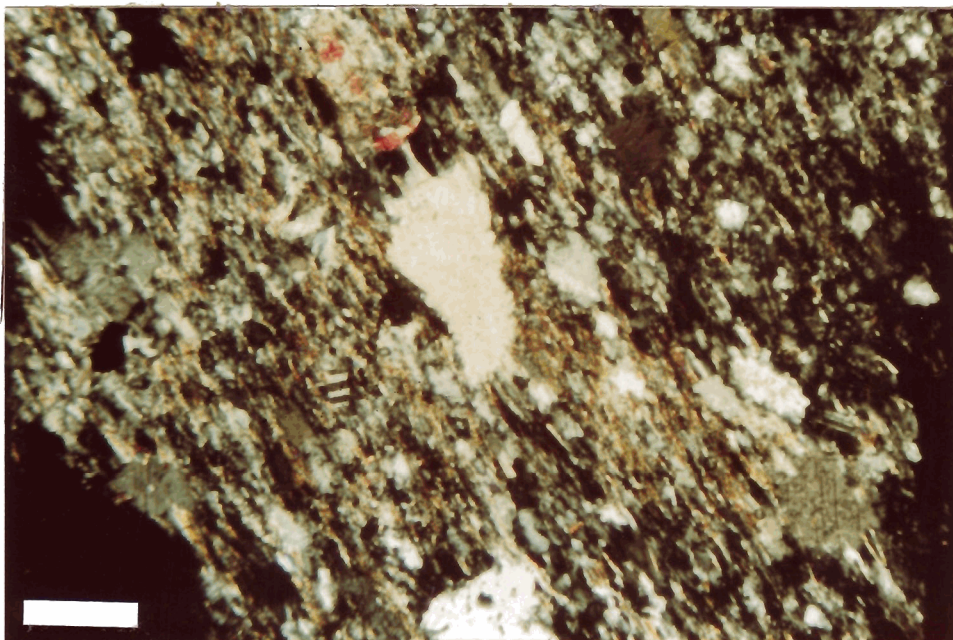


PLATE 100: Strongly shear stressed schistose quartzite. Note stretched nature of the quartz grains. Trace albite. Honess (1923 - PLATE XIV) observed this same rock type. Womble fm., 6840-50'.

XN

S-24

Bar represents 1/4 mm