

Supplementary material S5 for the following article:

Petrography of the intrusive rocks at the diorite-hosted Regnault Au mineralization

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Journal: MDPI – Minerals

Information. Diorite and other samples observed in cathodoluminescence. This document contains images that complete Figure 5.

TR06 – phase 1a

K-feldspar

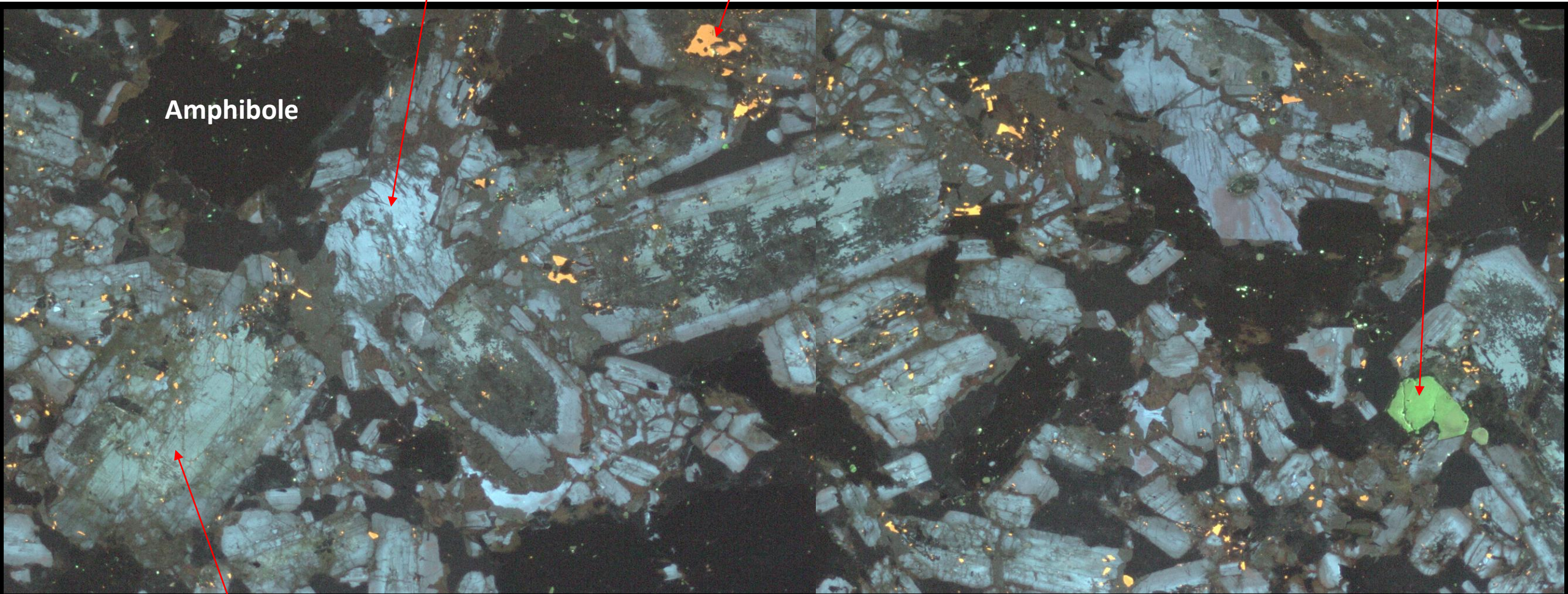
Carbonate

Apatite

Amphibole

Euhedral
plagioclase

1 mm



TR10 –
phase 1a

1 mm

Feldspar

Carbonate

Amphibole

Interstitial
quartz

Euhedral
plagioclase

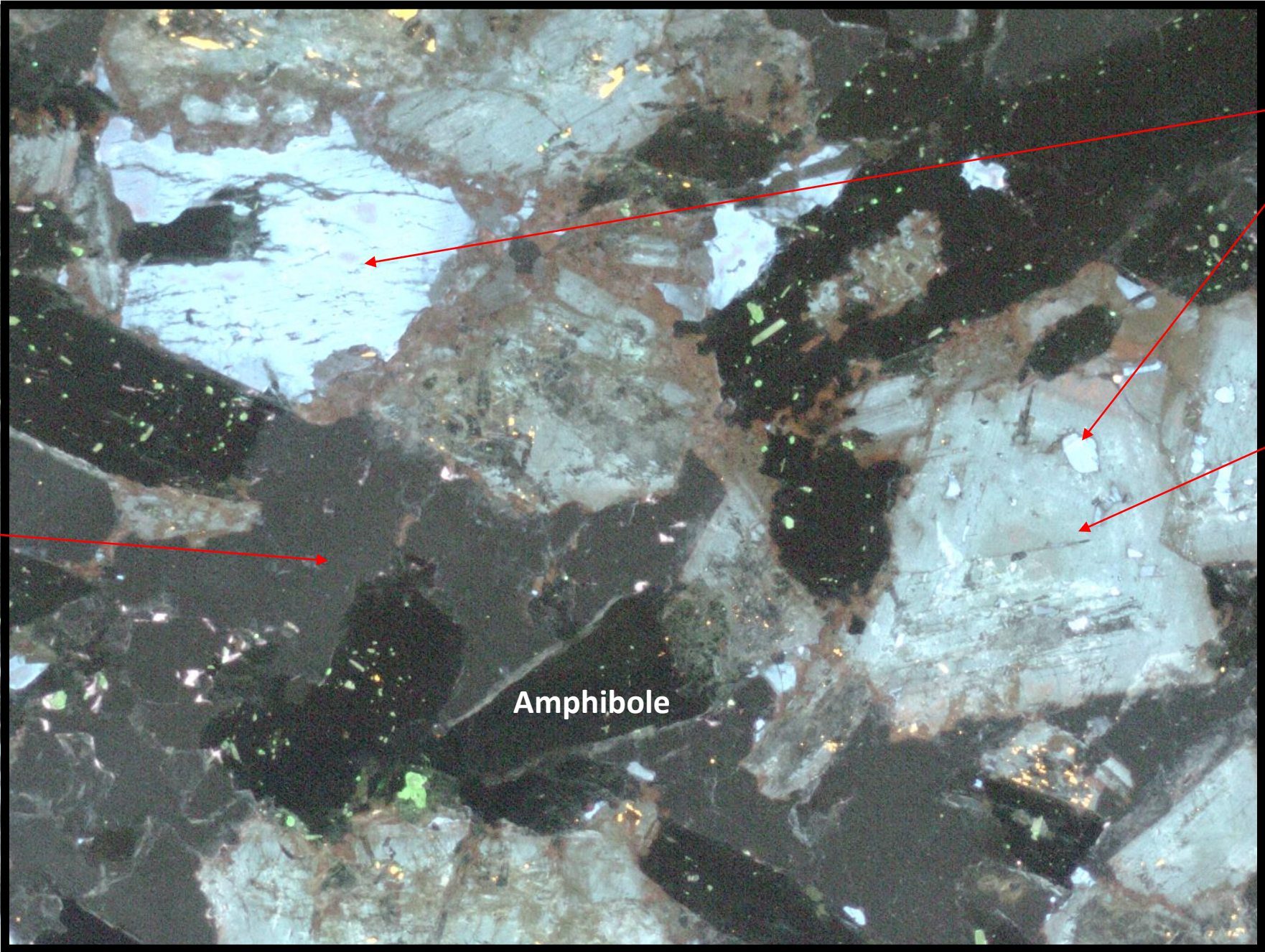
1 mm

Carbonate in
fracture

Interstitial
K-feldspar

Albitisation

TR41 –
phase 1a



K-feldspar

Plagioclase

Amphibole

Interstitial
quartz

1 mm

TR43 – phase 1a

Apatite

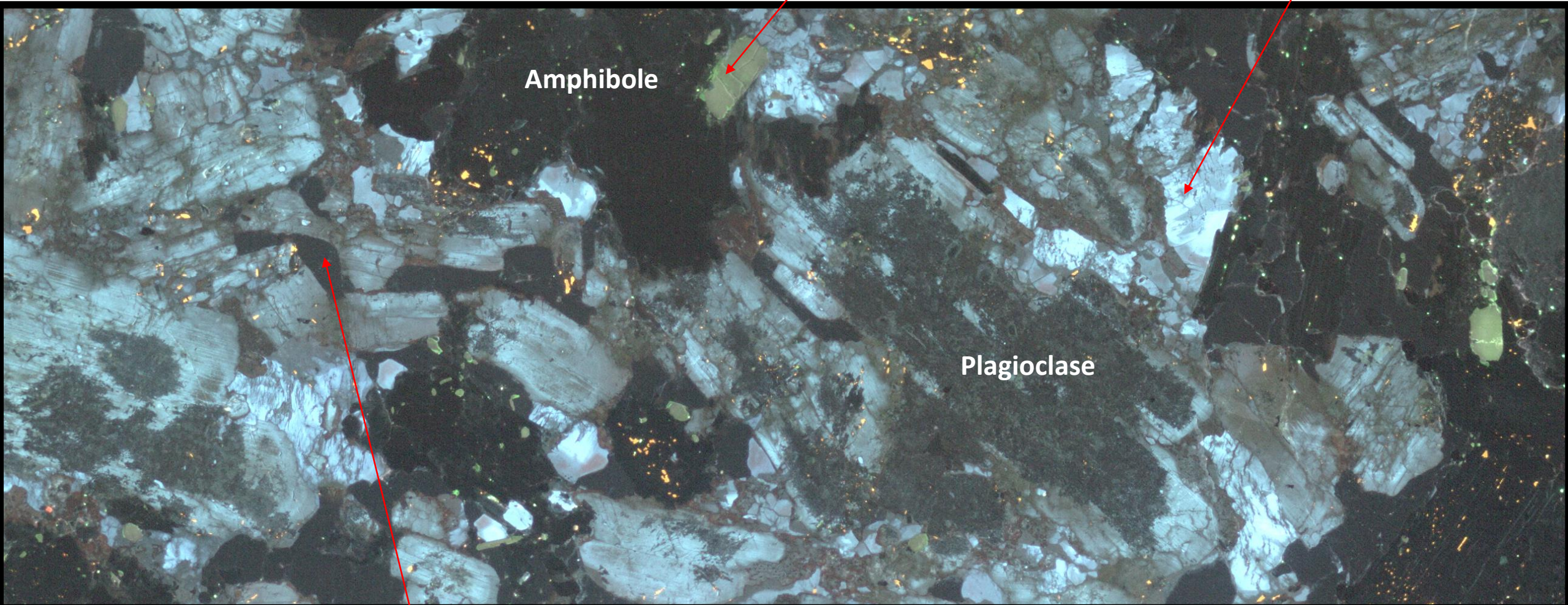
K-feldspar

Amphibole

Plagioclase

Quartz

1 mm



TR44 – phase 1a

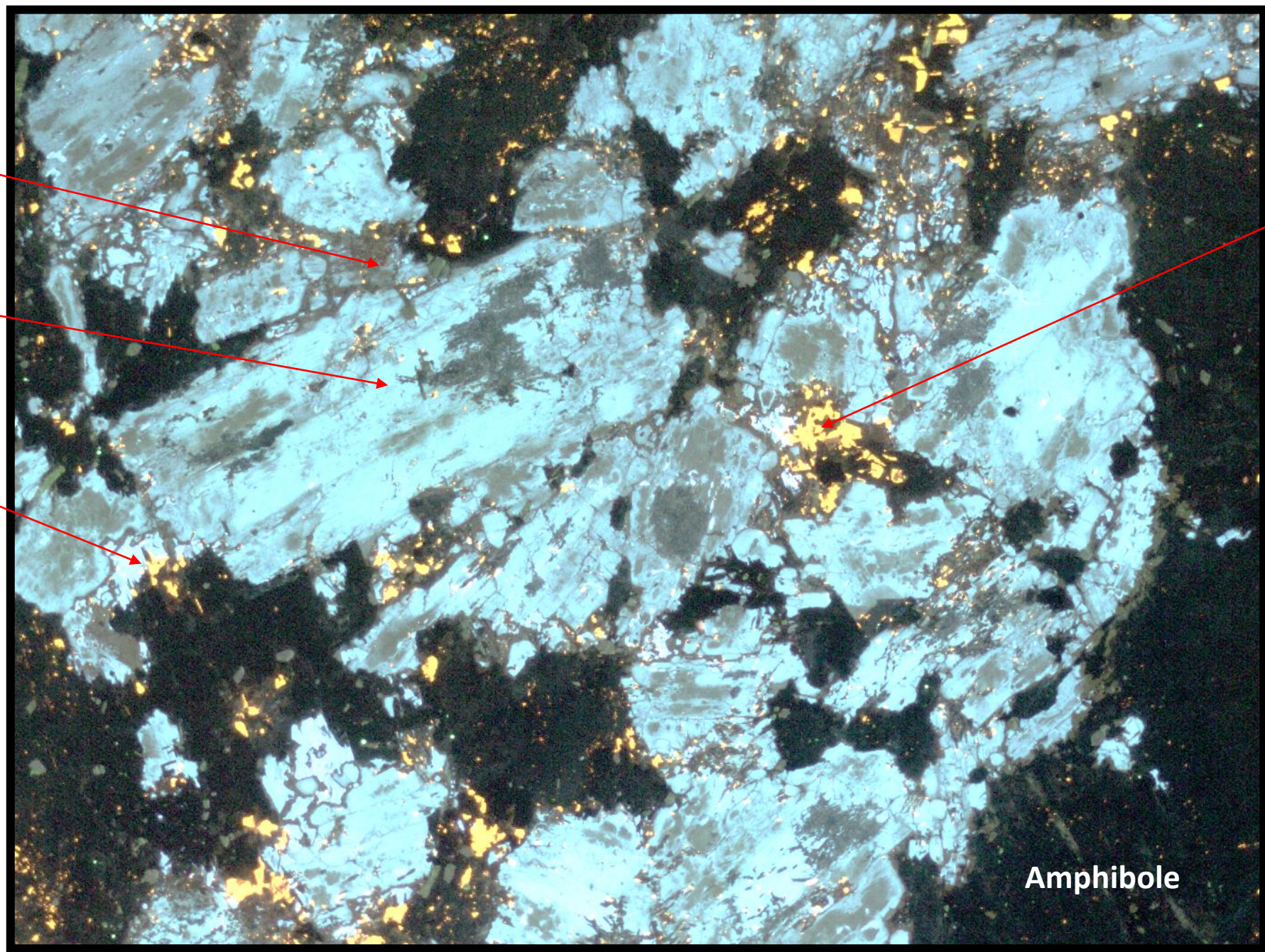
Albitised
plagioclase

Plagioclase

Interstitial
K-feldspar

Carbonate

Amphibole



1 mm



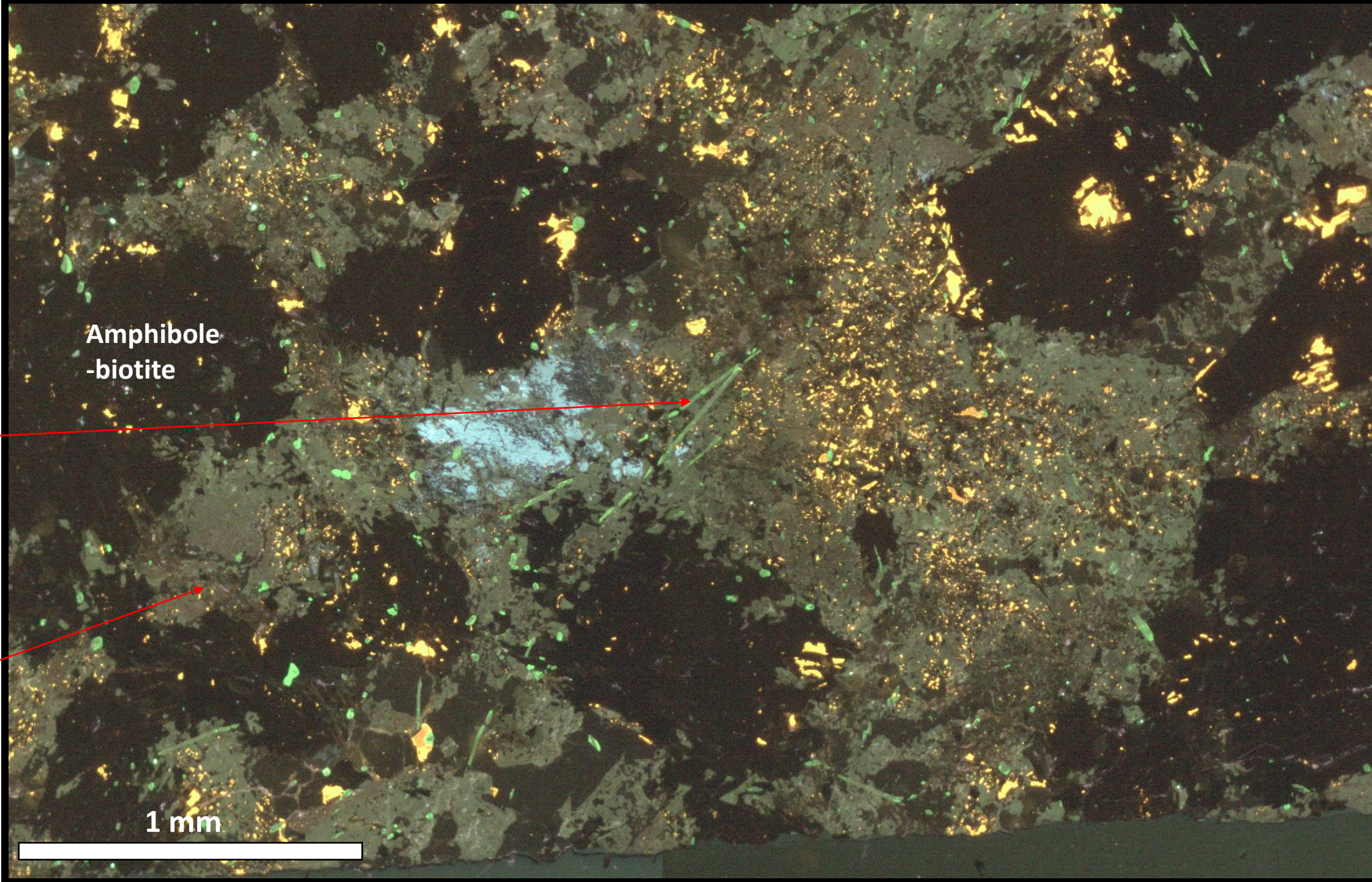
TR03 –
phase 1b

Amphibole
-biotite

Elongated
apatite

Altered
feldspar

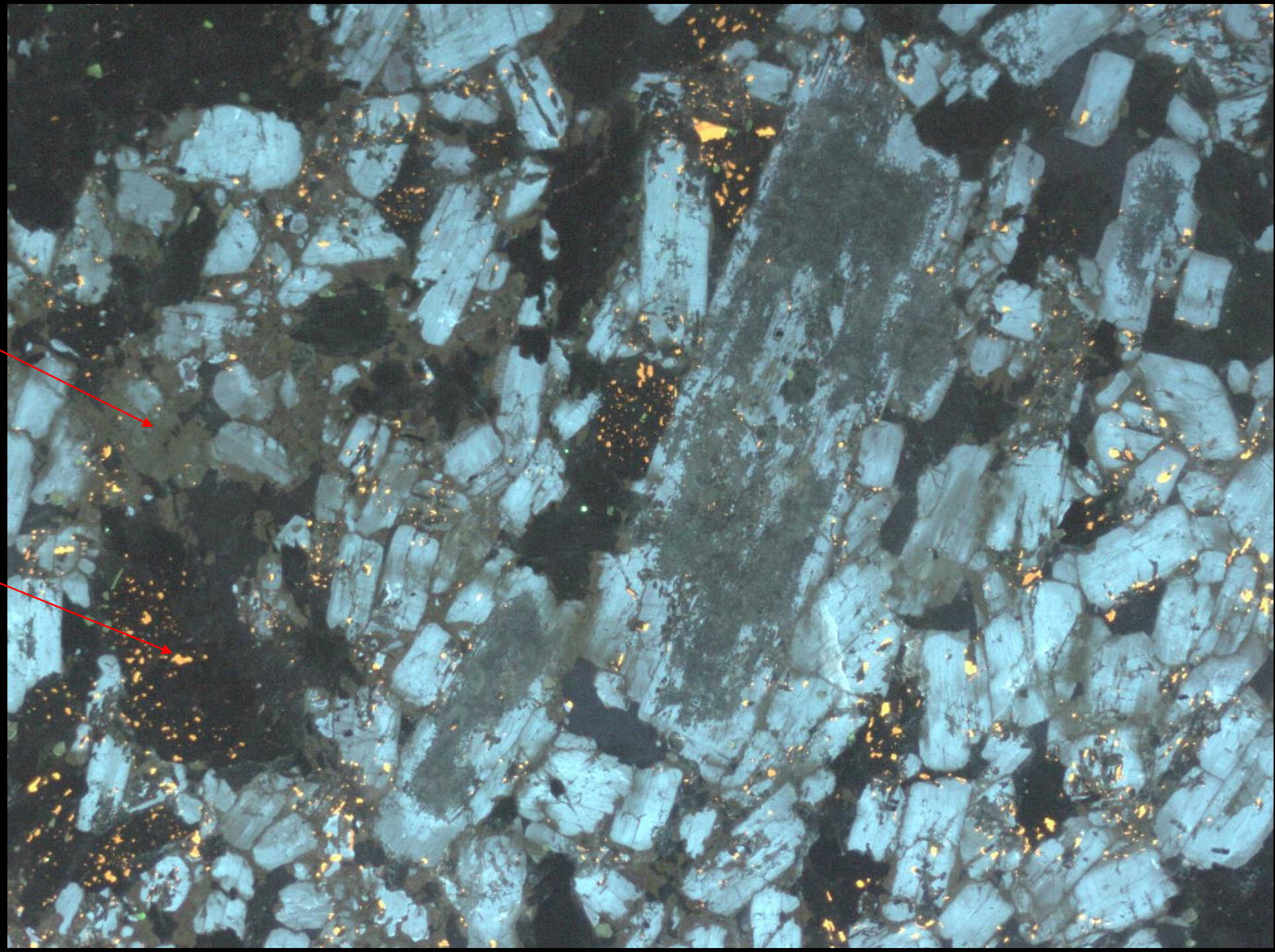
1 mm



TR05 –
phase 1b

Plagioclase

Amphibole
(and
carbonates)



1 mm

TR07 –
phase 1b

1 mm

Elongated
apatite

Interstitial
quartz

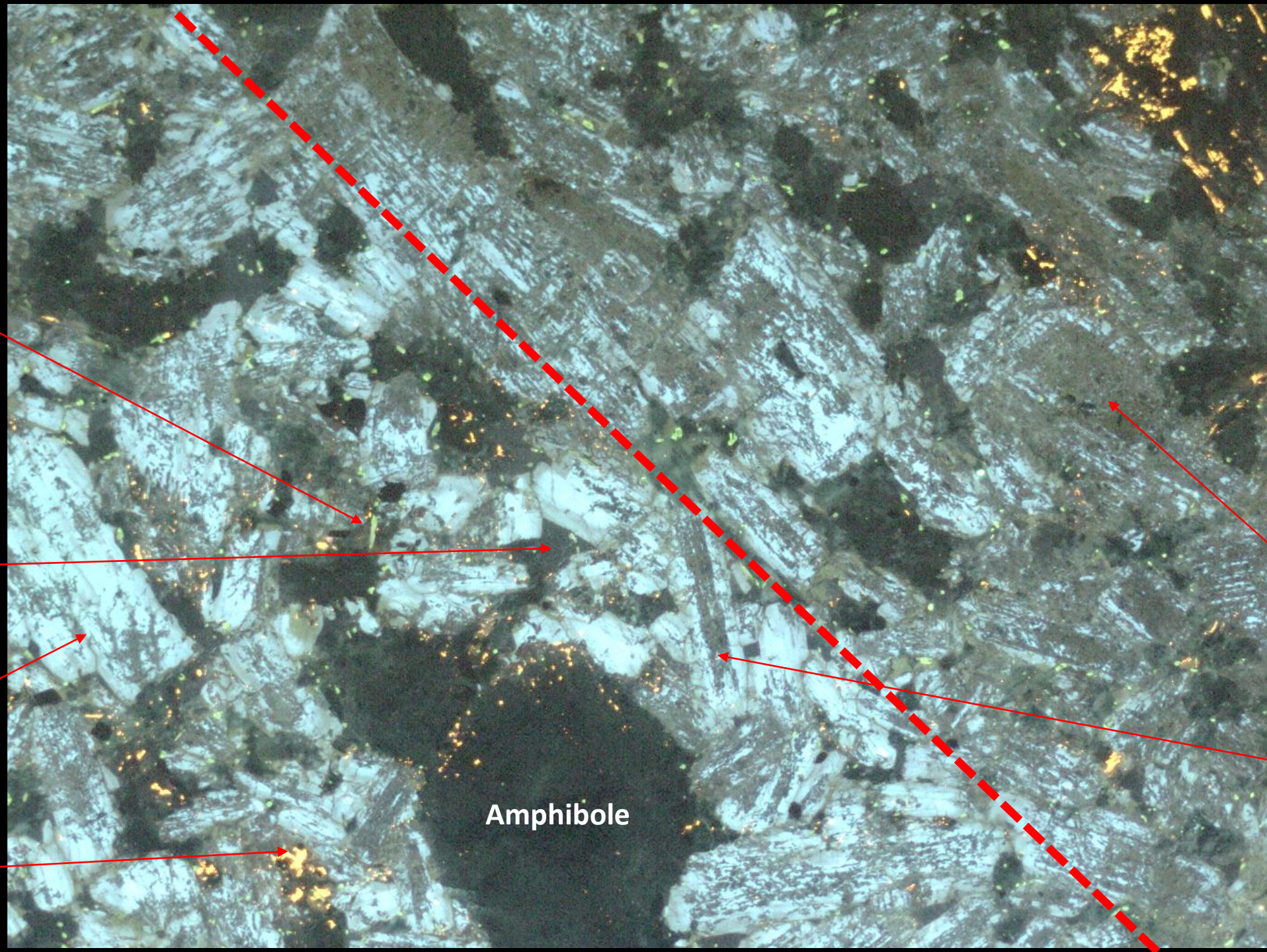
Feldspar
(weakly
altered)

Carbonate

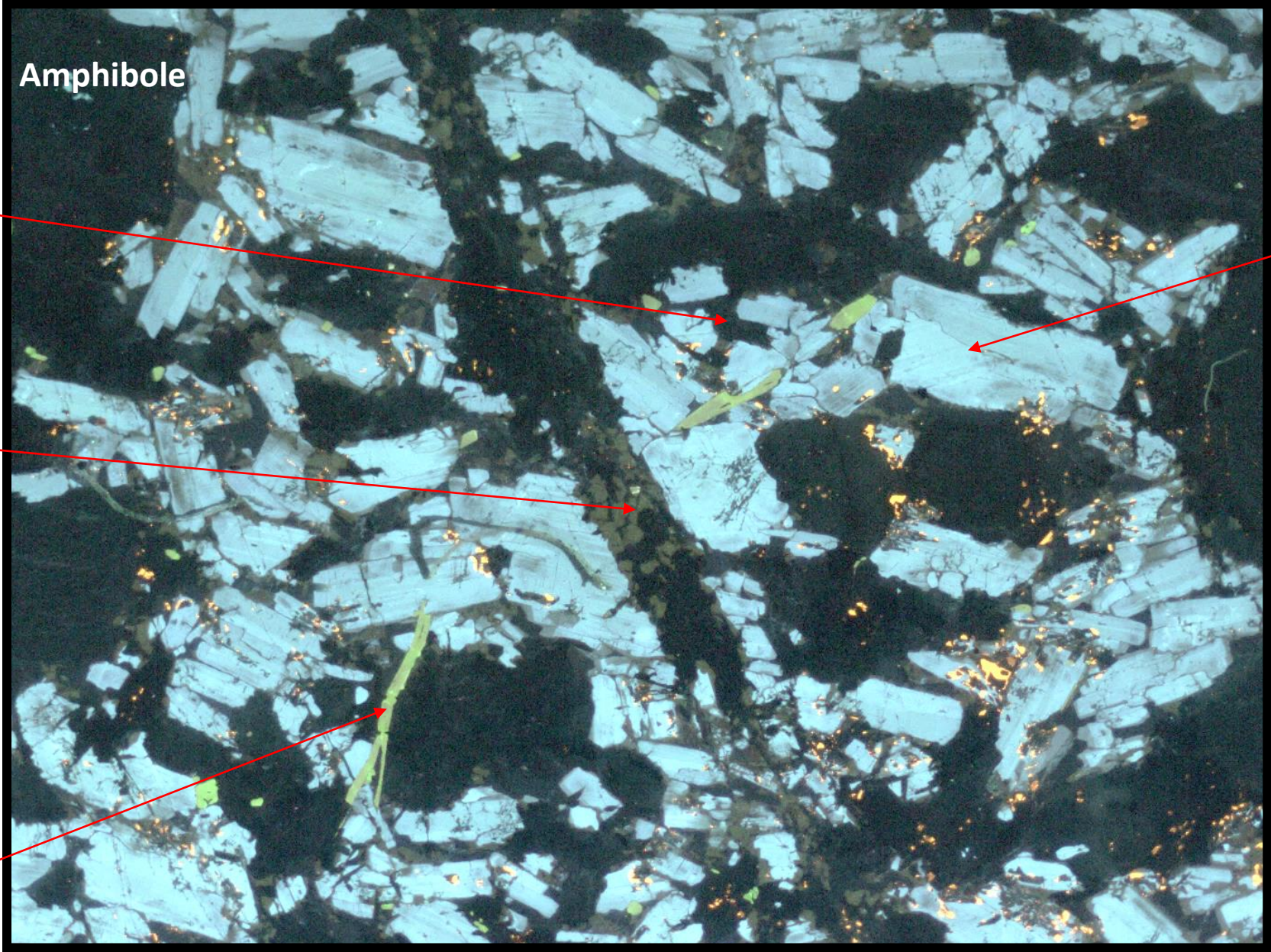
Feldspar
(sericitised)

Elongated
and euhedral
feldspar

Amphibole



TR13 – phase 1b



Amphibole

Interstitial
quartz

Albitisation
along fracture

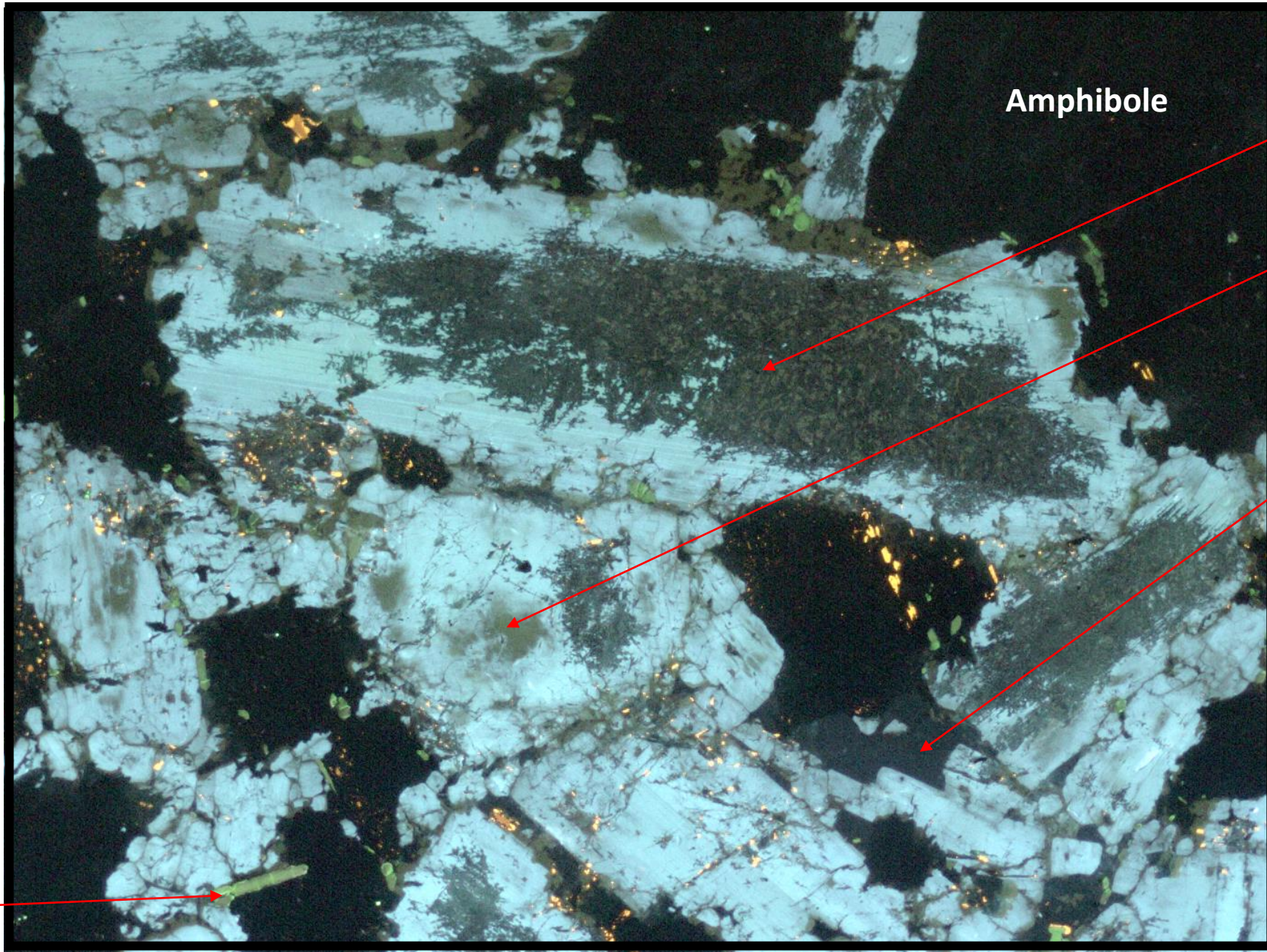
Elongated
apatite

Euhedral
plagioclase

1 mm

TR15 – phase 1b

1 mm



Amphibole

sericitisation

Albitisation

Interstitial
quartz

Elongated
apatite

TR40 – phase 1b

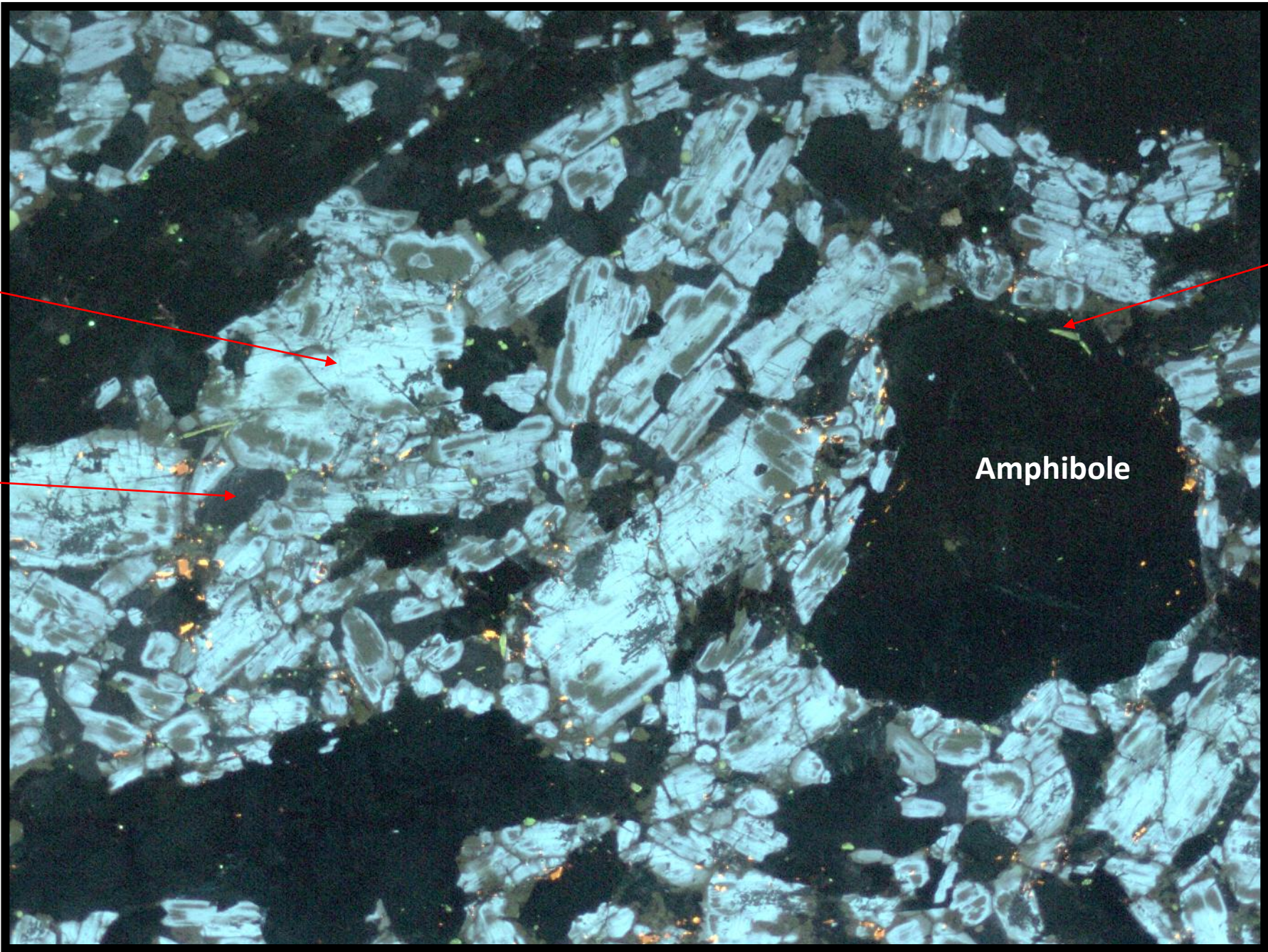
Plagioclase

Interstitial
quartz

Elongated
apatite

Amphibole

1 mm

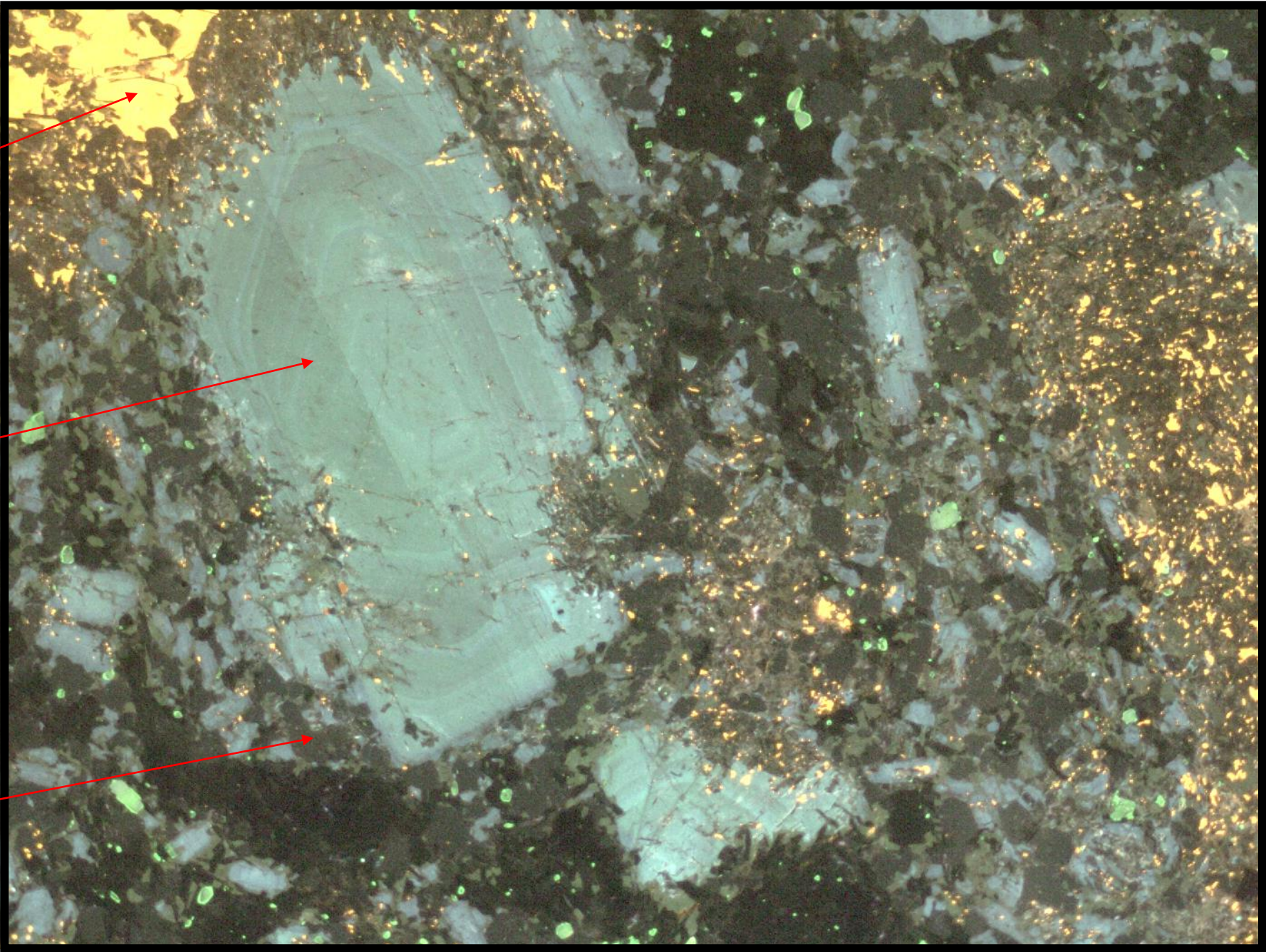


TR16 – phase 1c

Carbonate

Plagioclase
phenocryst

Albitised
plagioclase

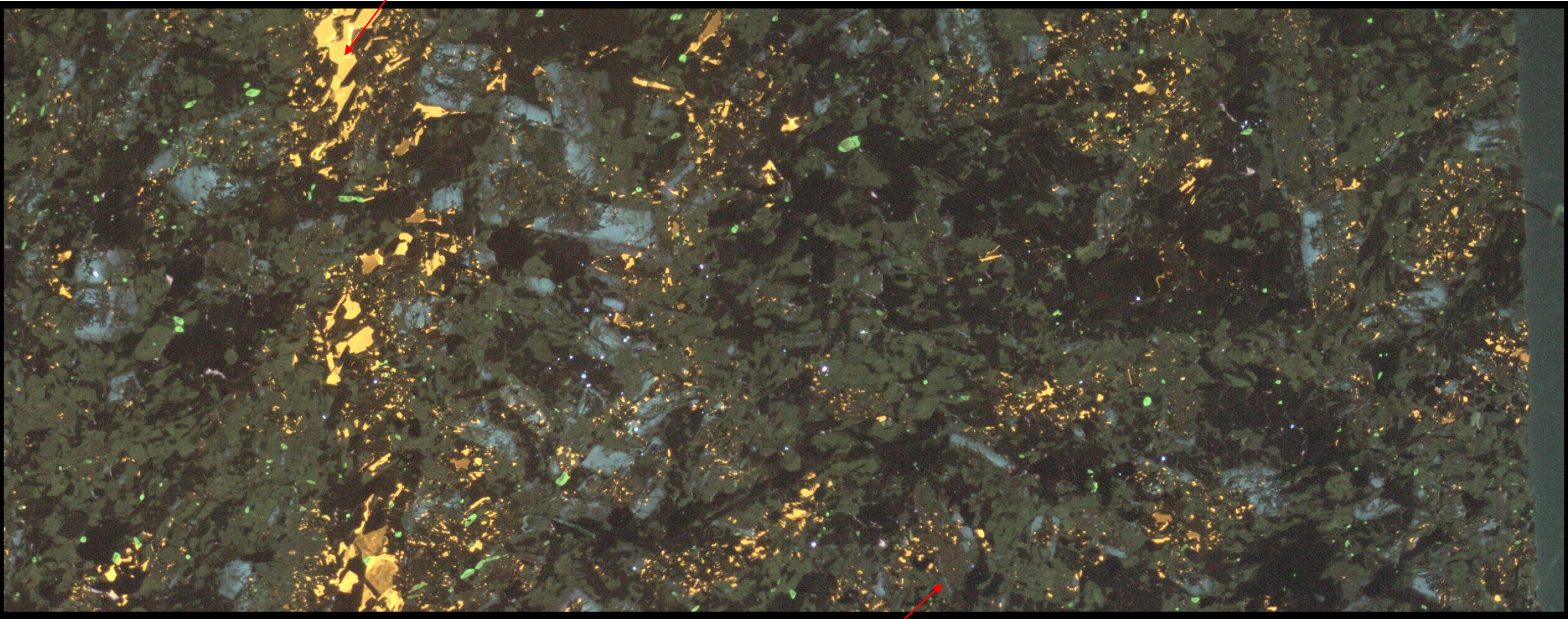


1 mm



TR21 – phase 1c

Carbonate



Albitised
plagioclase

1 mm

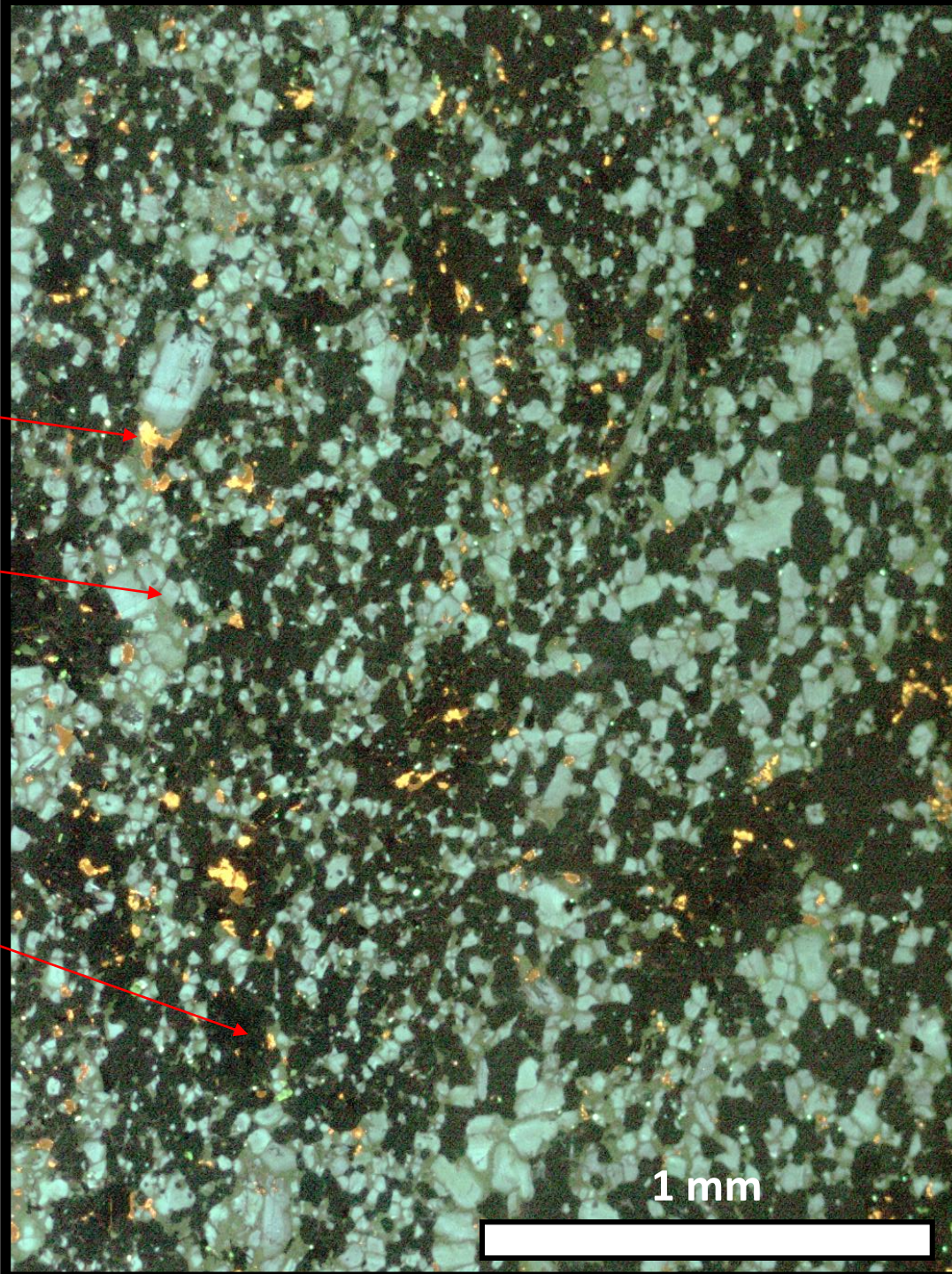


TR29 –
phase 1c

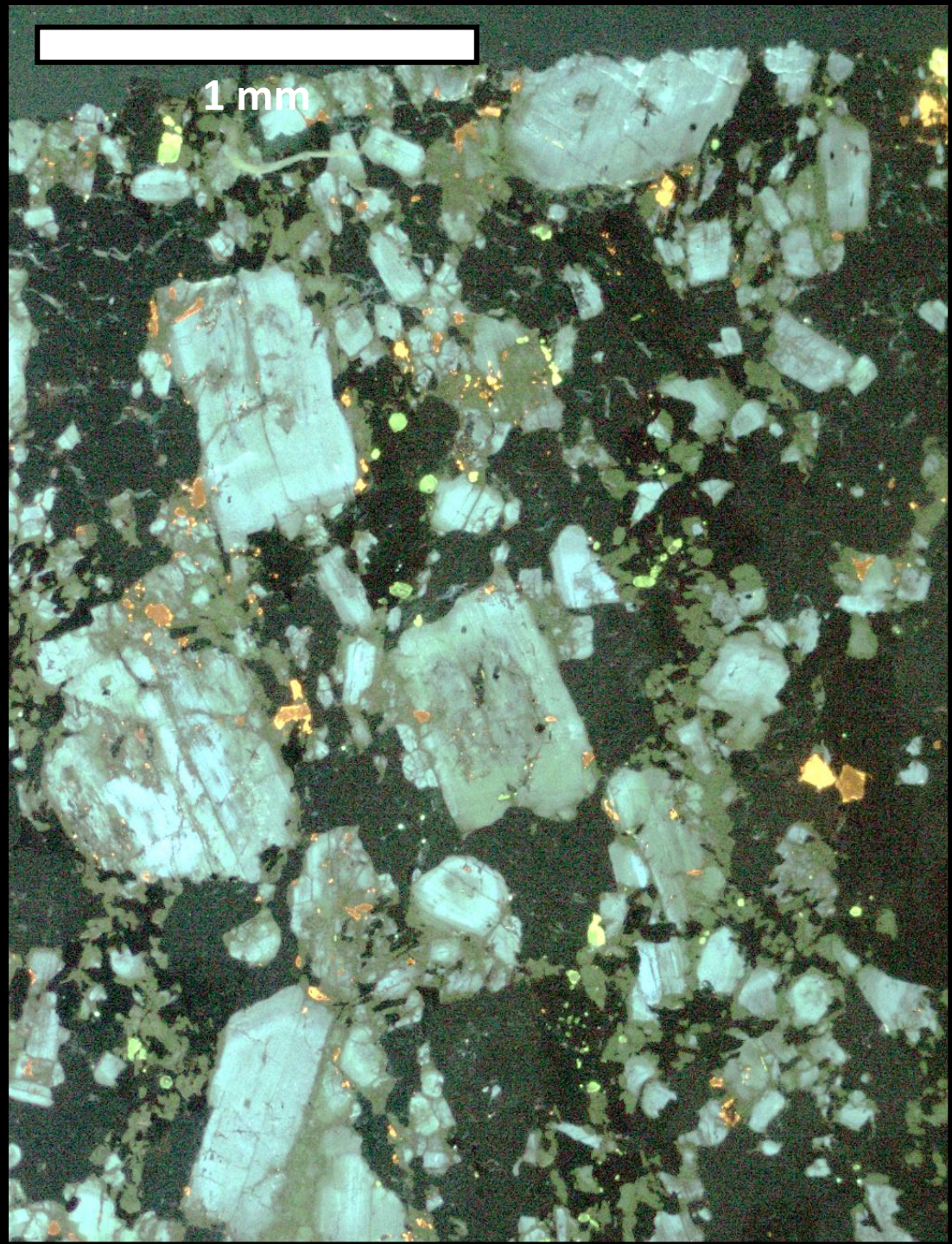
Carbonate

Feldspar

Amphibole-
biotite



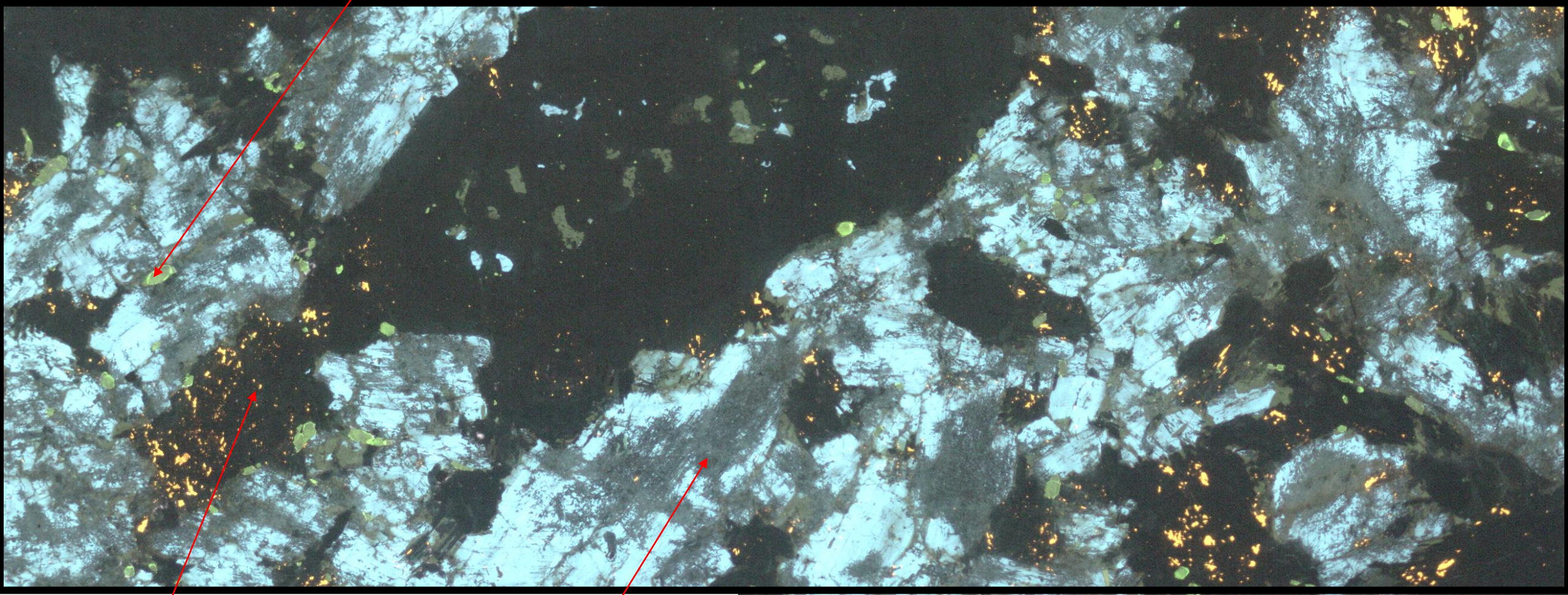
1 mm



1 mm

TR04 – phase 2

Apatite



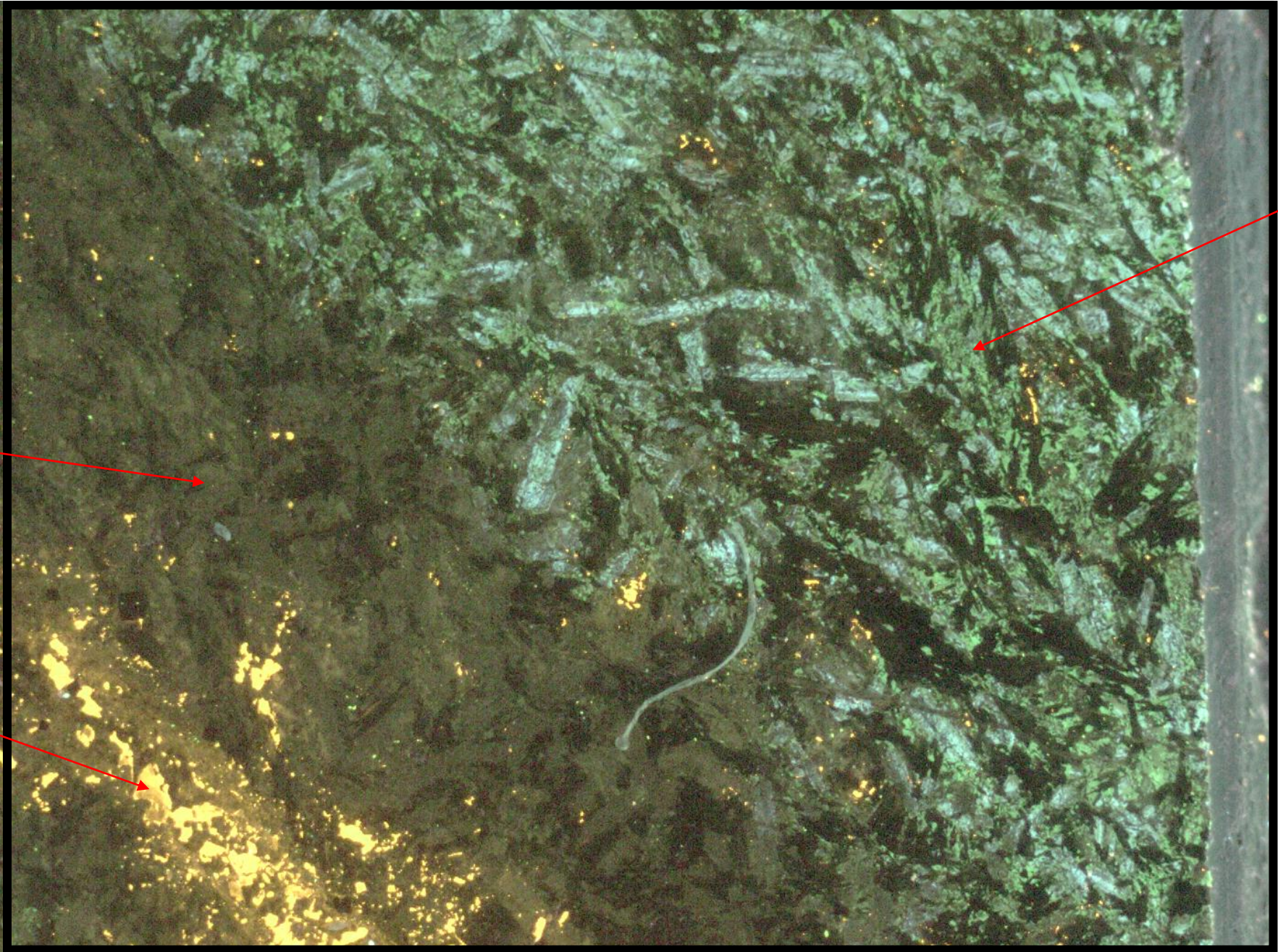
Amphibole (and
carbonates)

Plagioclase
(sericitised core)

1 mm



TR28 - andesite



Plagioclase

Albitised
plagioclase

Carbonate
vein

1 mm

TR31 - andesite

Albitised
plagioclase

Carbonate

Chlorite-
feldspar

Plagioclase

1 mm

