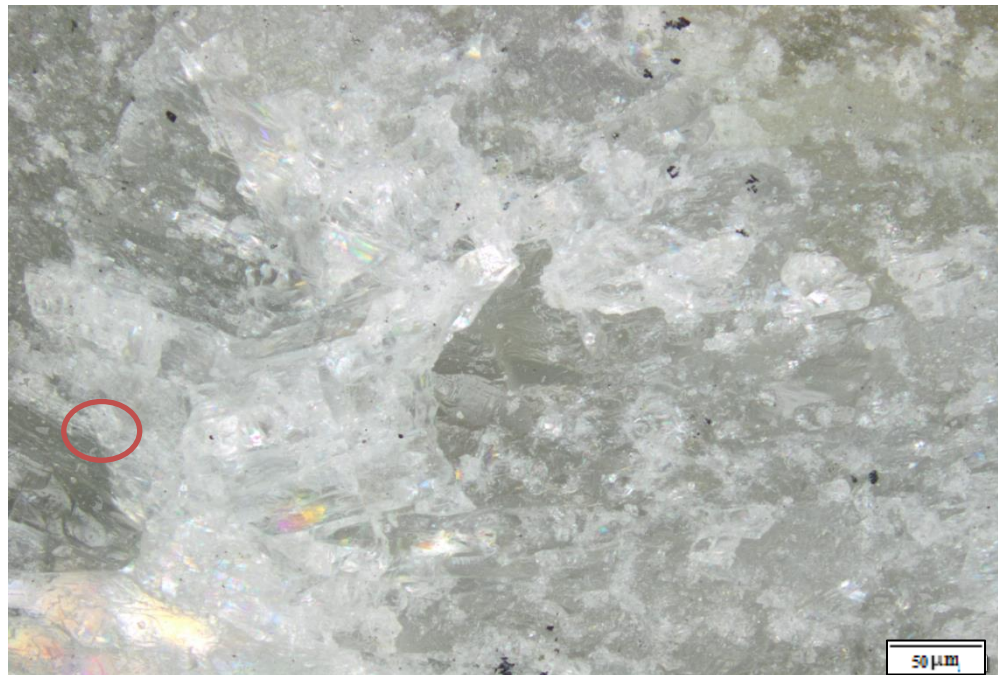


APPENDIX A7 – Micrographs of optical microscope specimens



(a)



(b)

Figure A7 1: Micrograph of MA (a) before and (b) after heat treatment to 50°C

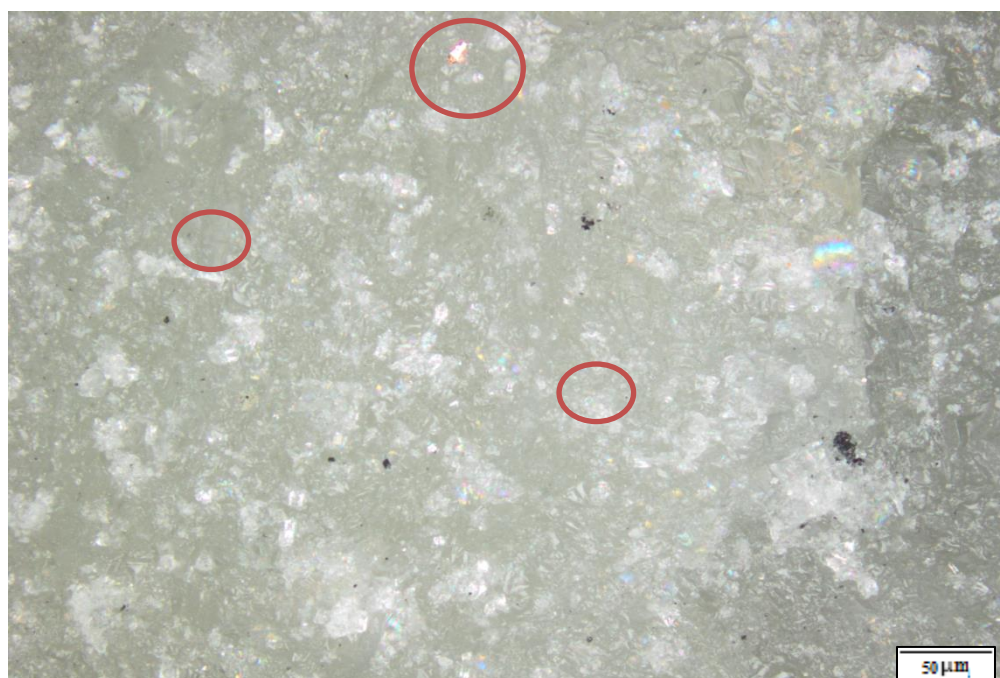


(a)



(b)

Figure A7 2: Micrograph of MA (a) before and (b) after heat treatment to 100°C



(a)



(b)

Figure A7 3: Micrograph of MA (a) before and (b) after heat treatment to 140°C



(a)



(b)

Figure A7 4: Micrograph of G (a) before and (b) after heat treatment to 50°C



(a)

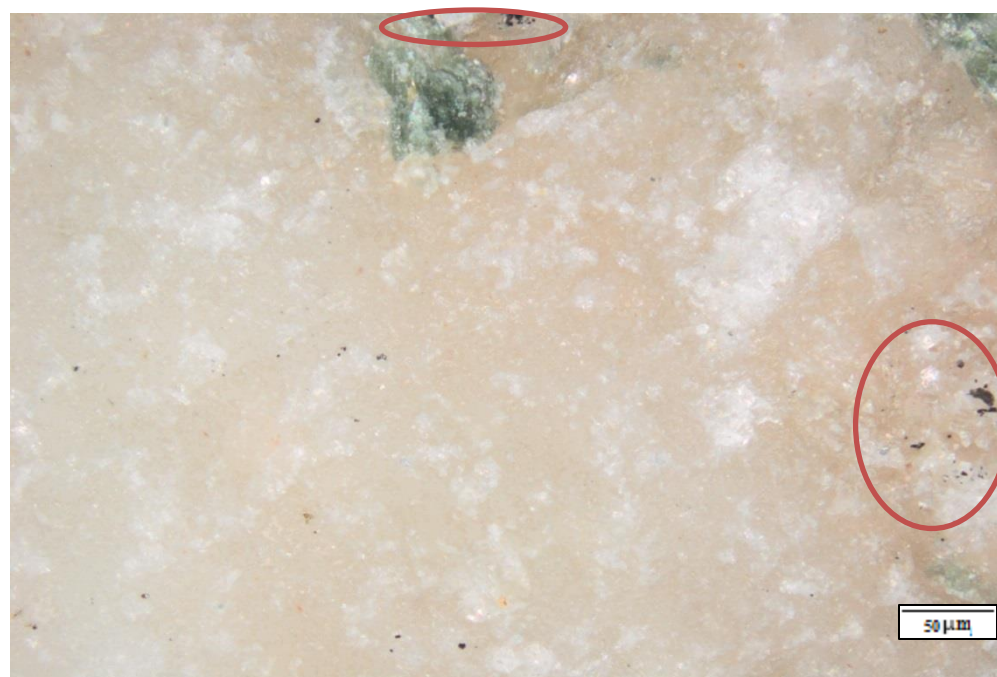


(b)

Figure A7 5: Micrograph of G (a) before and (b) after heat treatment to 100°C

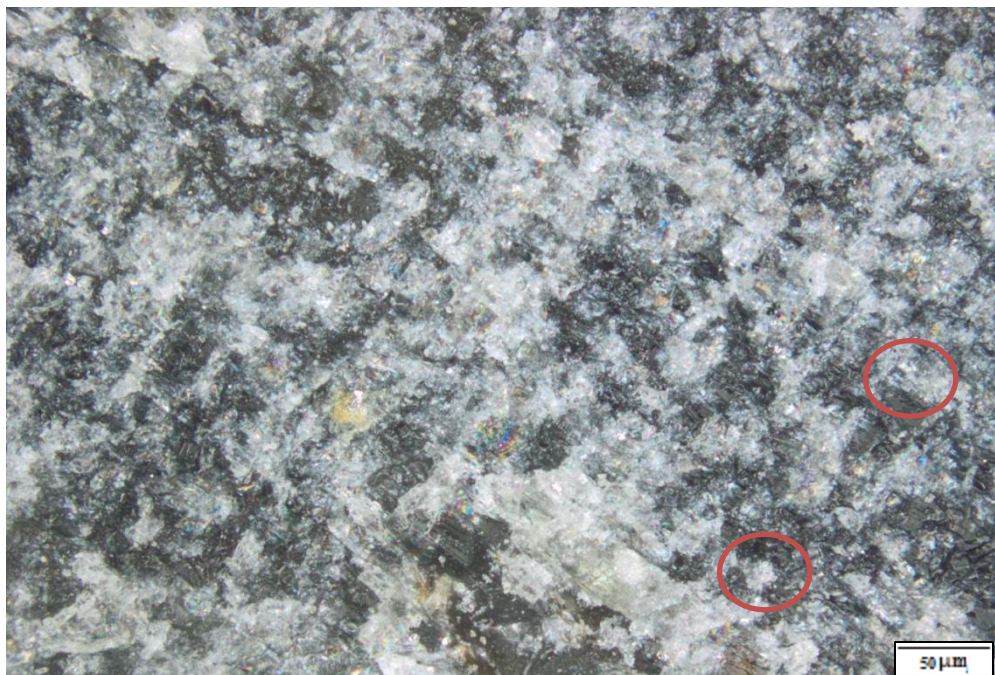


(a)



(b)

Figure A7 6: Micrograph of G (a) before and (b) after heat treatment to 100°C



(a)



(b)

Figure A7 7: Micrograph of GN (a) before and (b) after heat treatment to 50°C



(a)



(b)

Figure A7 8: Micrograph of GN (a) before and (b) after heat treatment to 100°C



(a)

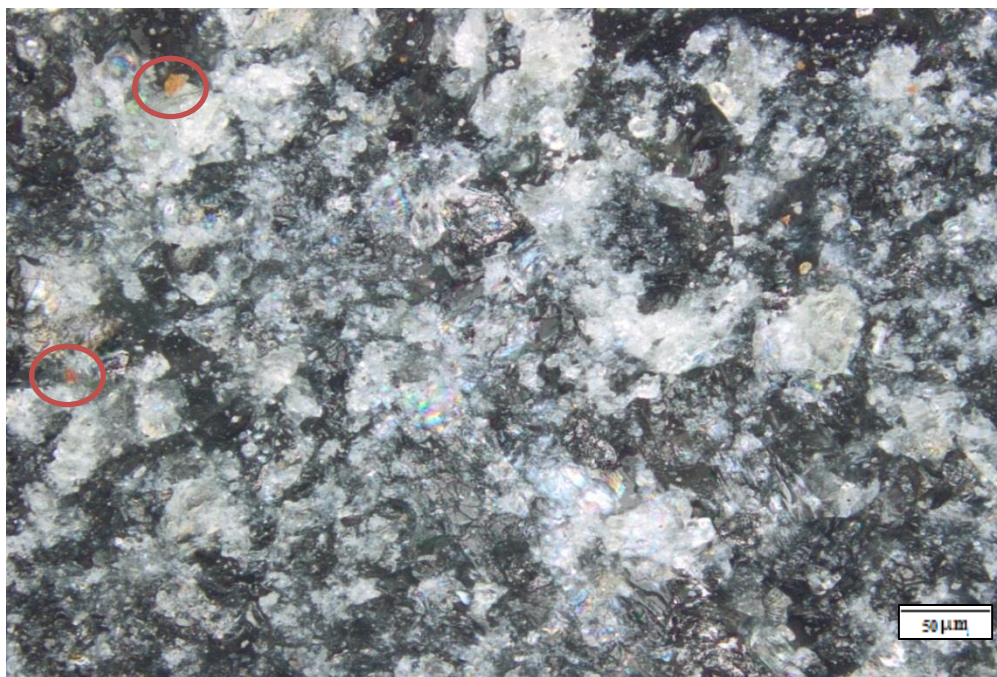


(b)

Figure A7 9: Micrograph of GN (a) before and (b) after heat treatment to 140°C

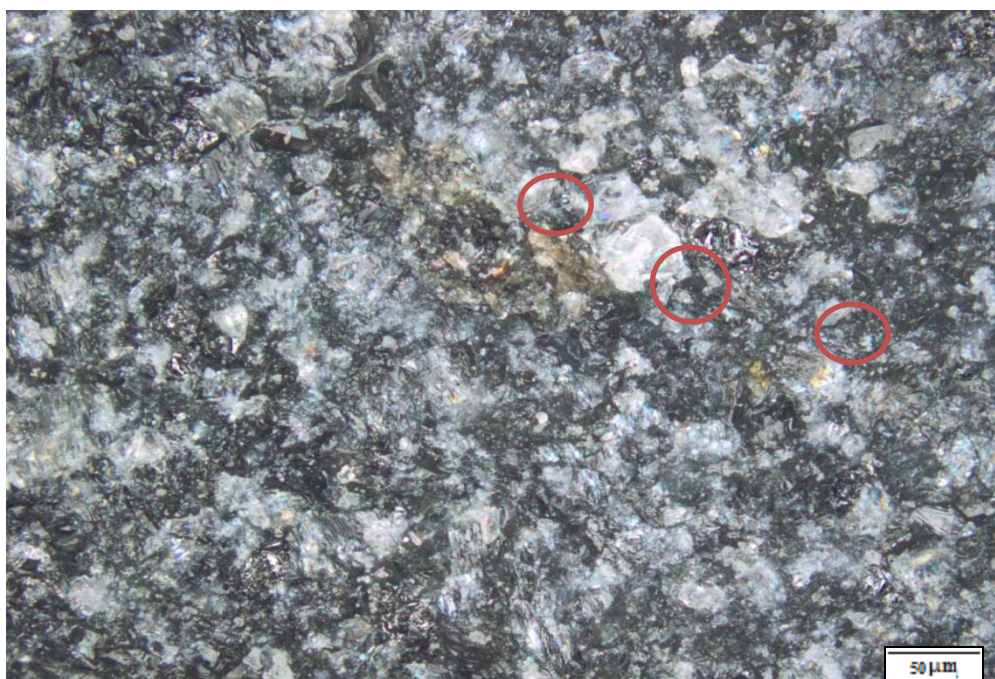


(a)

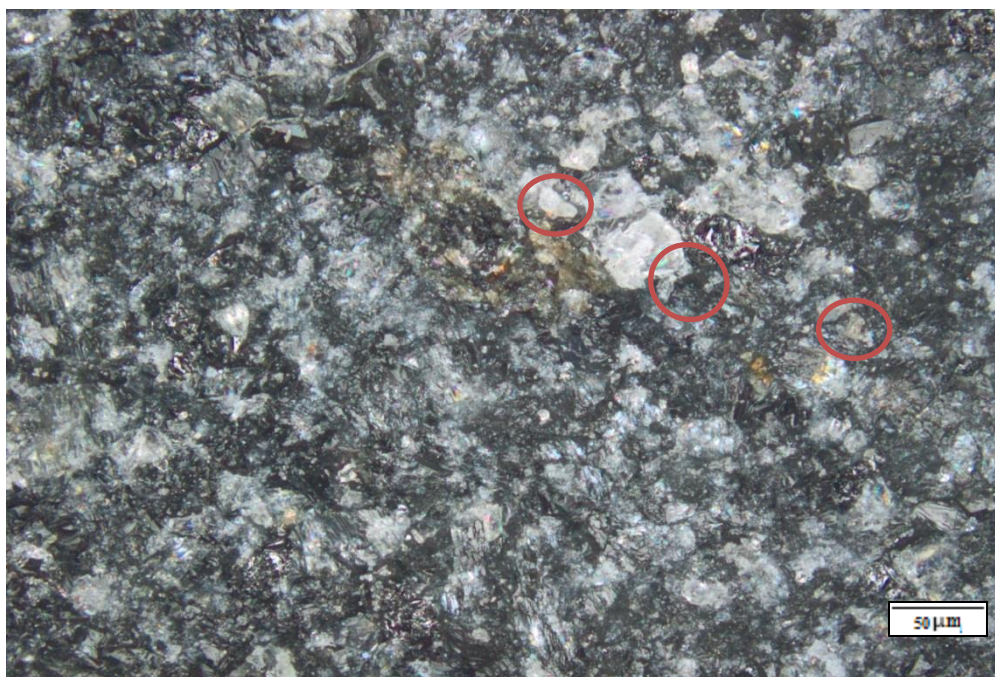


(b)

Figure A7 10: Micrograph of GF (a) before and (b) after heat treatment to 50°C

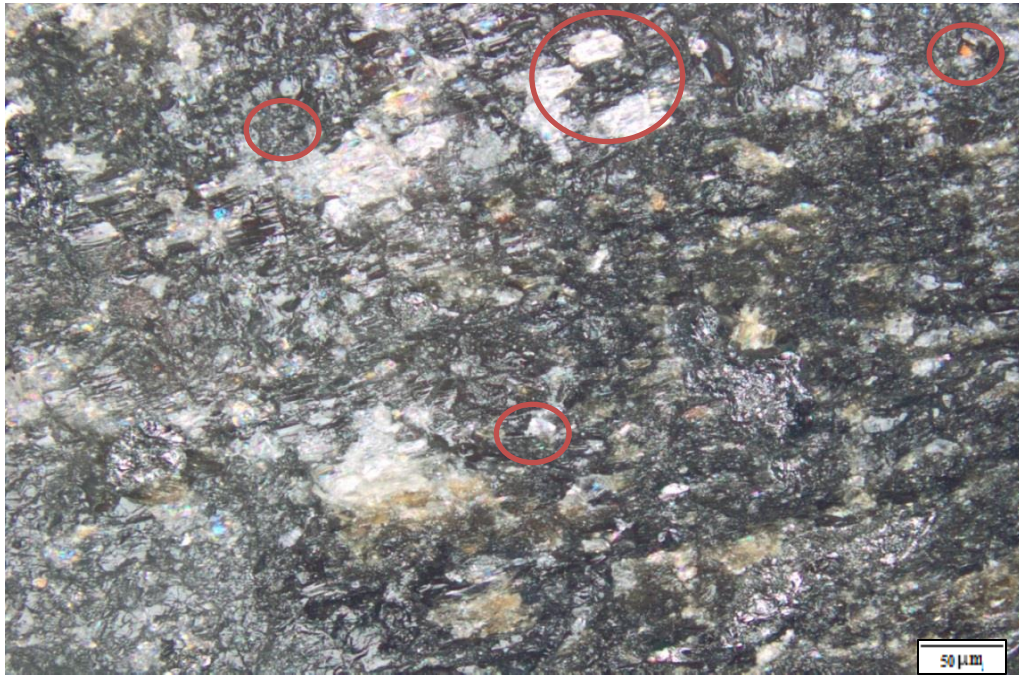


(a)



(b)

Figure A7 11: Micrograph of GF (a) before and (b) after heat treatment to 100°C

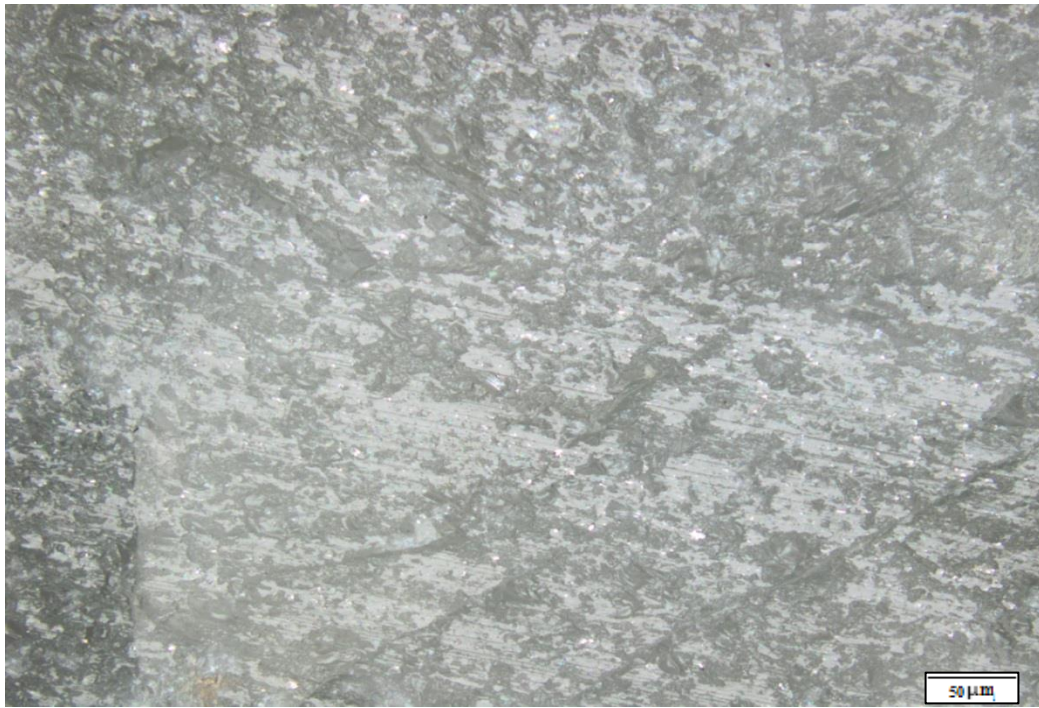


(a)



(b)

Figure A7 12: Micrograph of GF (a) before and (b) after heat treatment to 140°C



(a)



(b)

Figure A7 13: Micrograph of VTA (a) before and (b) after heat treatment to 50°C

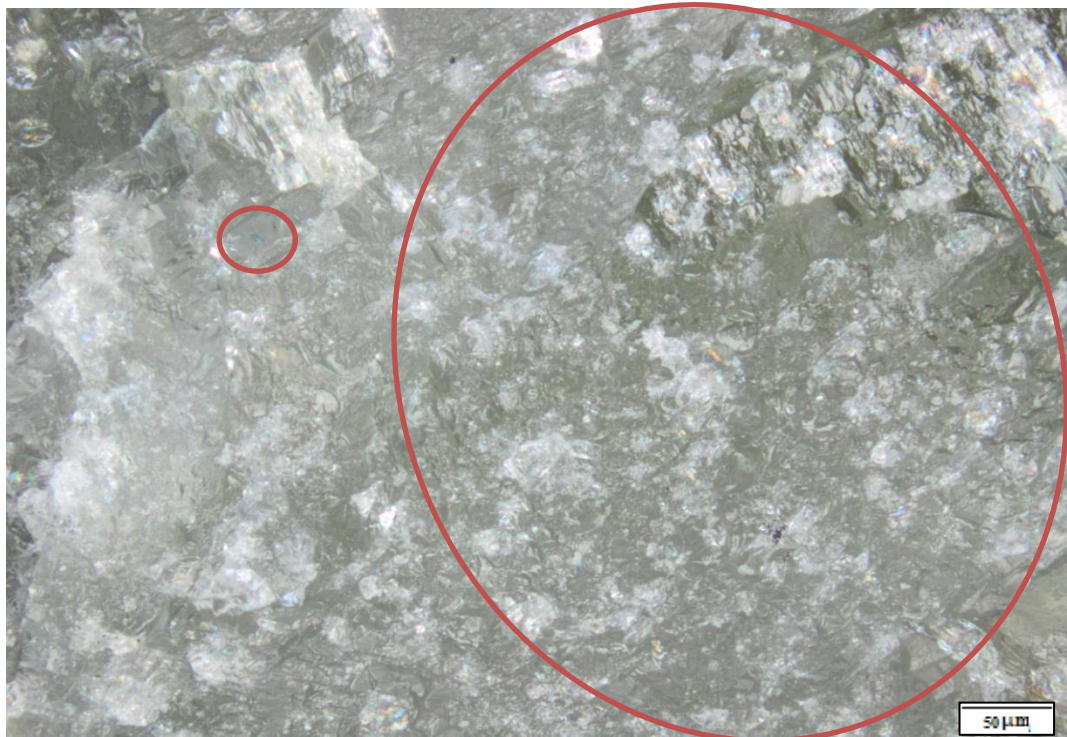


(a)

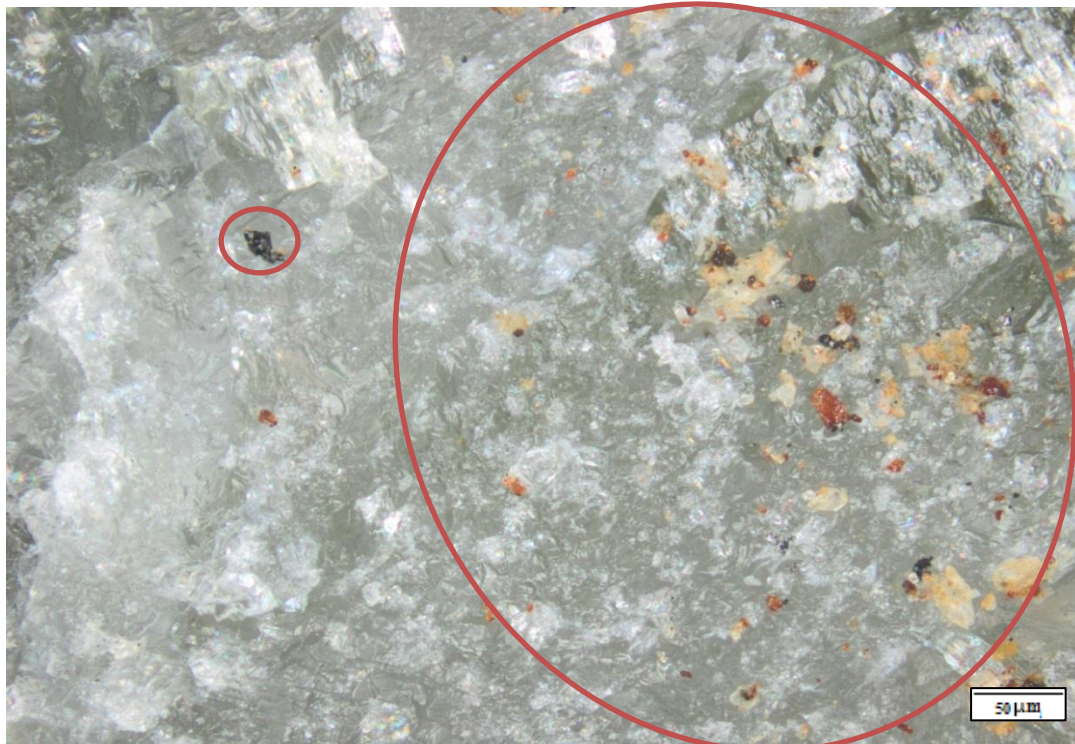


(b)

Figure A7 14: Micrograph of VTA (a) before and (b) after heat treatment to 100°C

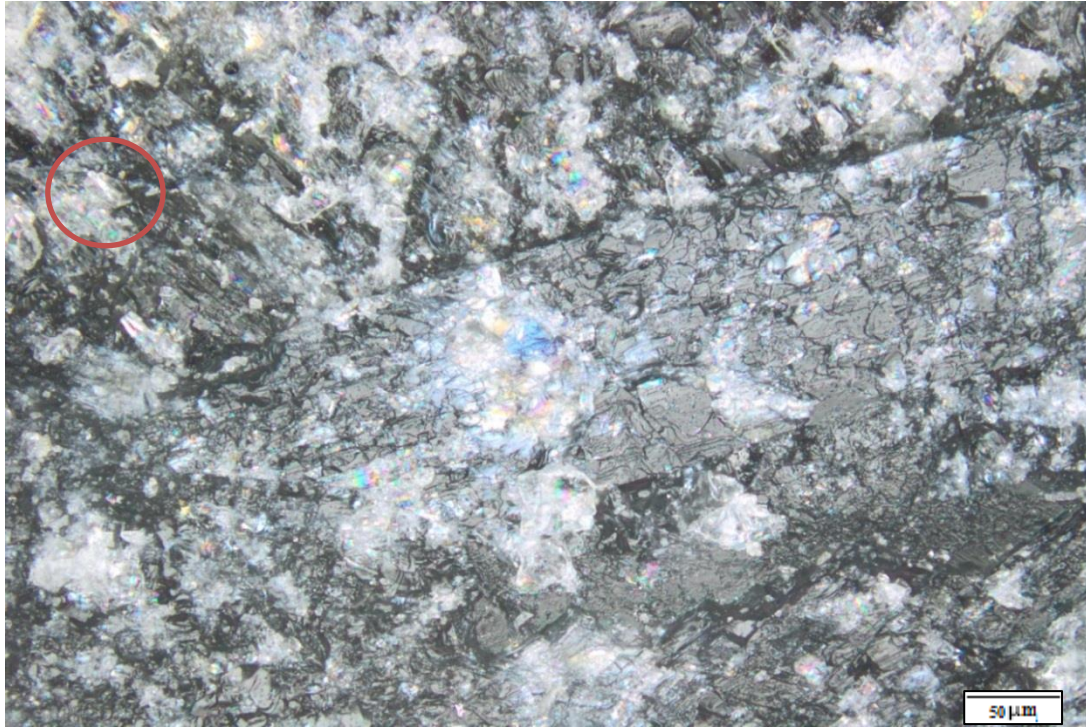


(a)

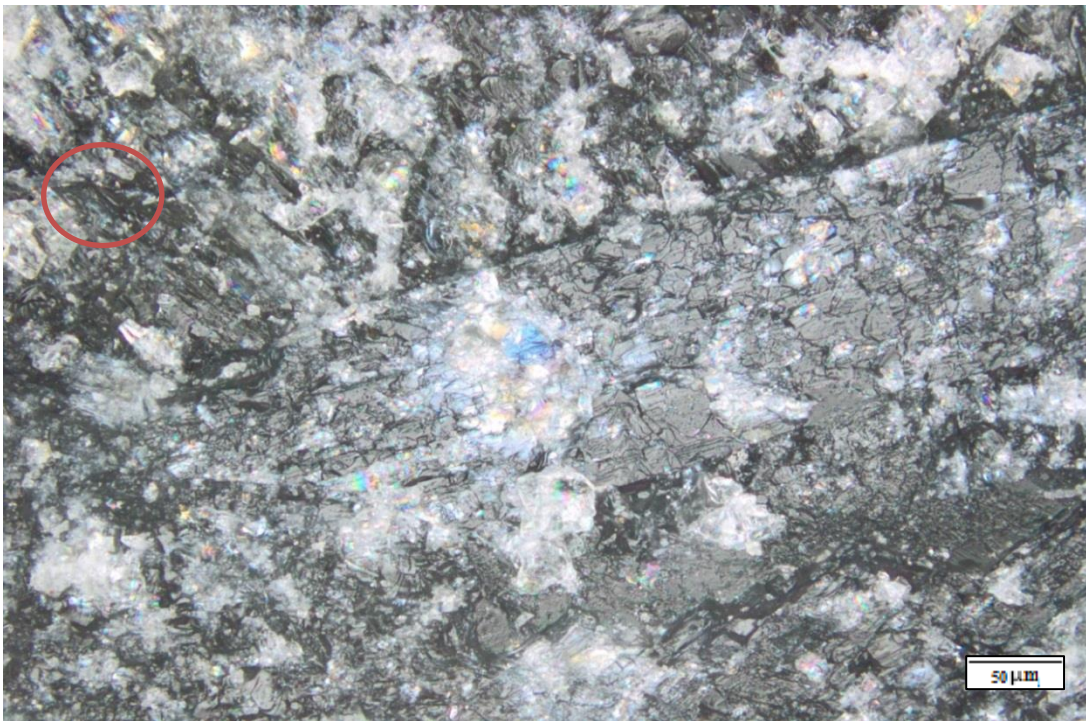


(b)

Figure A7 15: Micrograph of VTA (a) before and (b) after heat treatment to 140°C

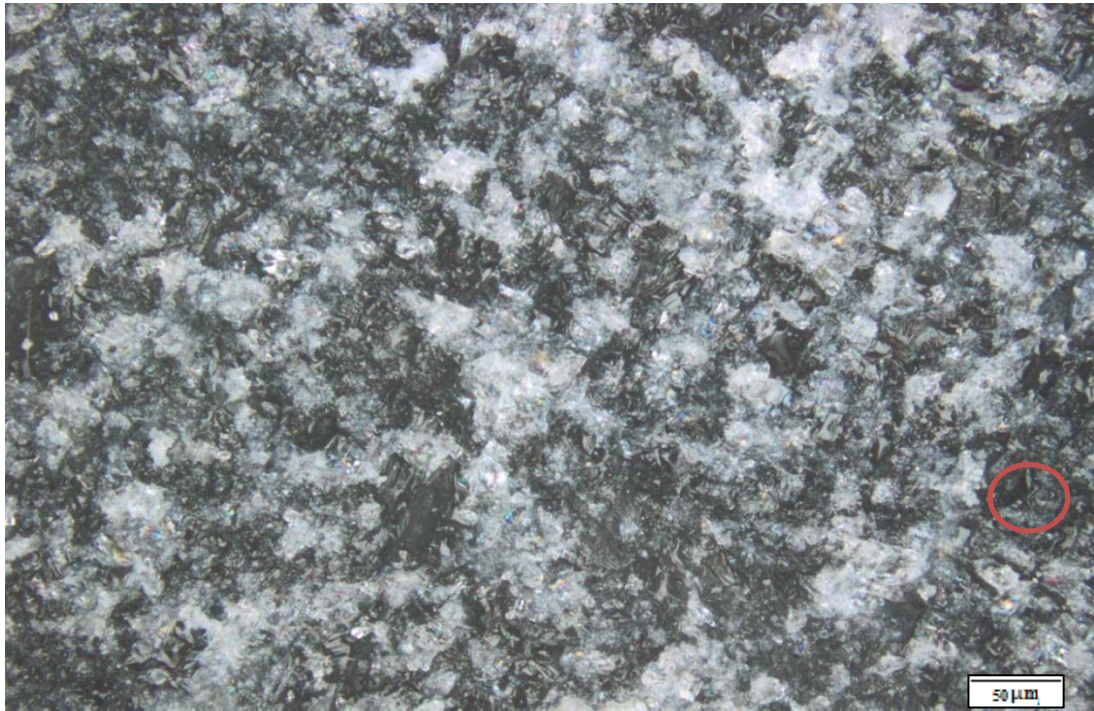


(a)

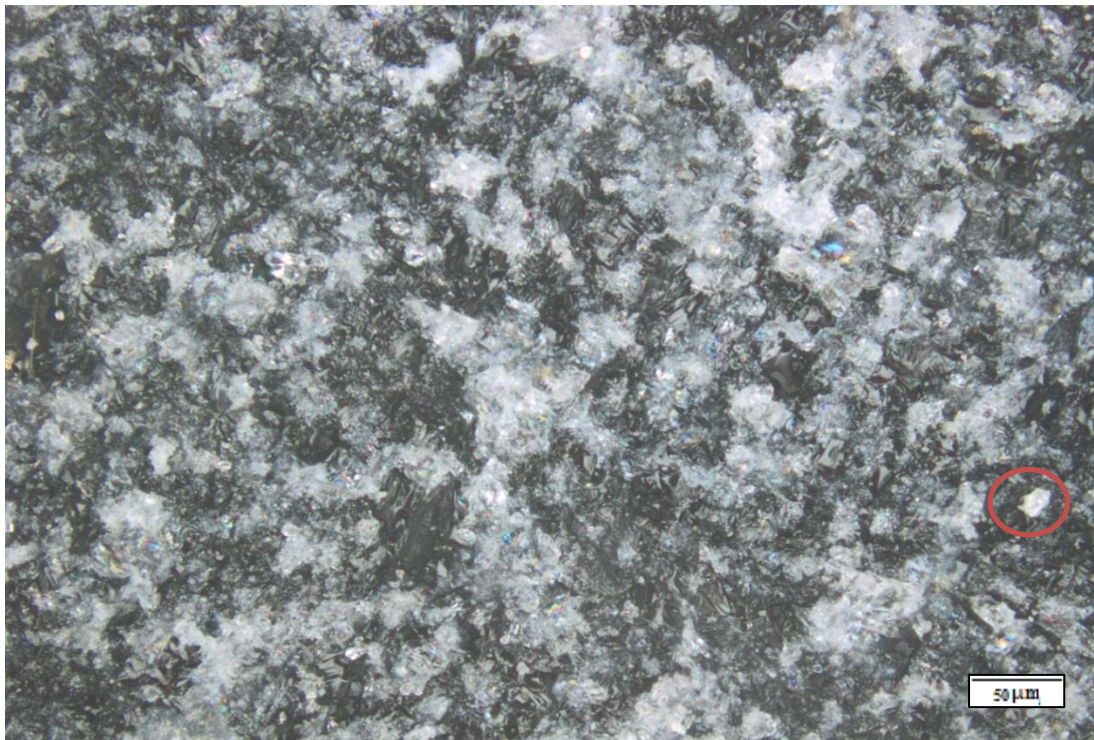


(b)

Figure A7 16: Micrograph of PX (a) before and (b) after heat treatment to 50°C

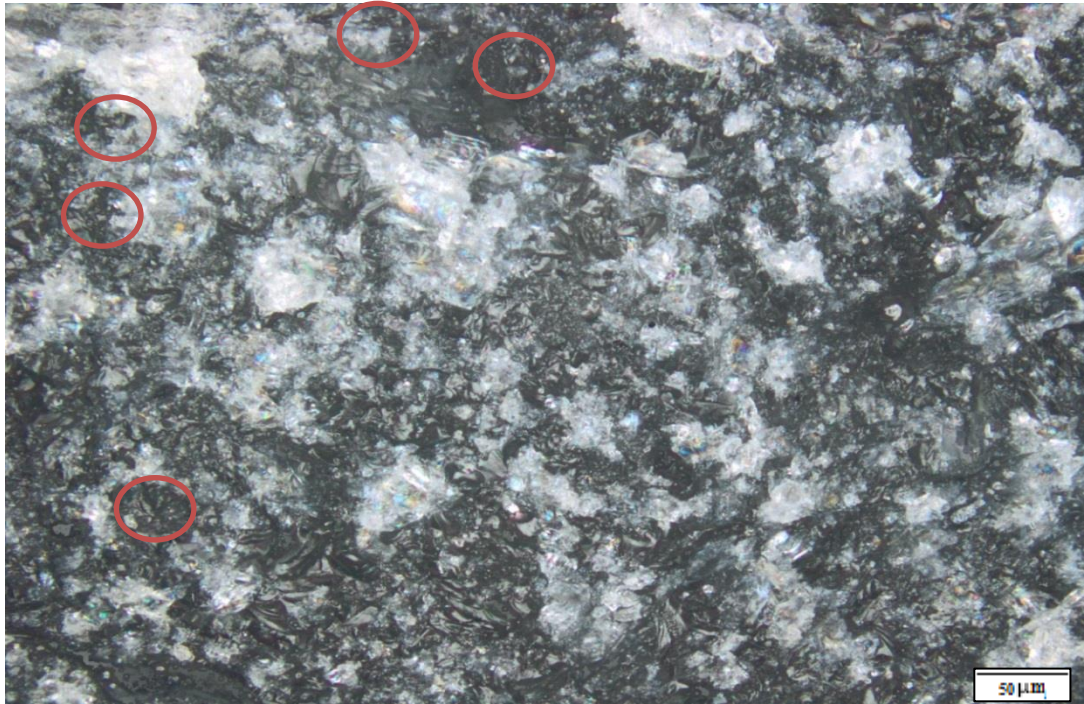


(a)

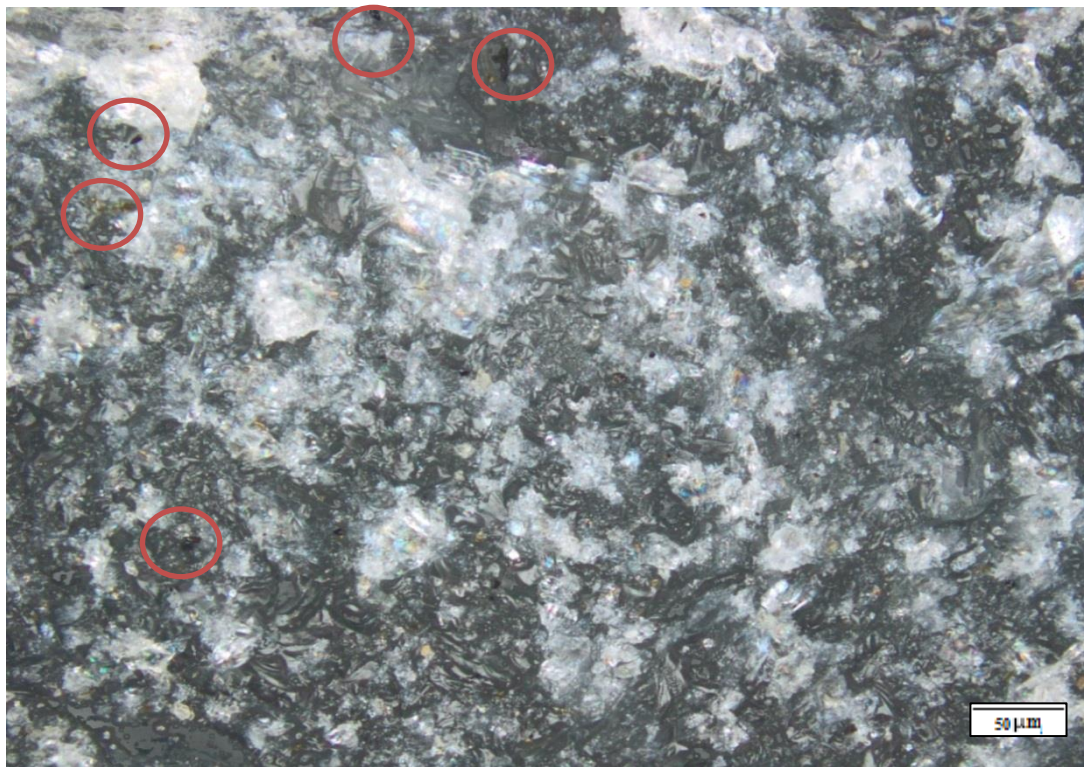


(b)

Figure A7 17: Micrograph of PX (a) before and (b) after heat treatment to 100°C



(a)



(b)

Figure A7 18: Micrograph of PX (a) before and (b) after heat treatment to 140°C



(a)



(b)

Figure A7 19: Micrograph of N (a) before and (b) after heat treatment to 50°C



(a)



(b)

Figure A7 20: Micrograph of N (a) before and (b) after heat treatment to 100°C



(a)



(b)

Figure A7 21: Micrograph of N (a) before and (b) after heat treatment to 140°C