

Disk 1 Braconite zircon markers

92



C/U = Carbon / Uranium

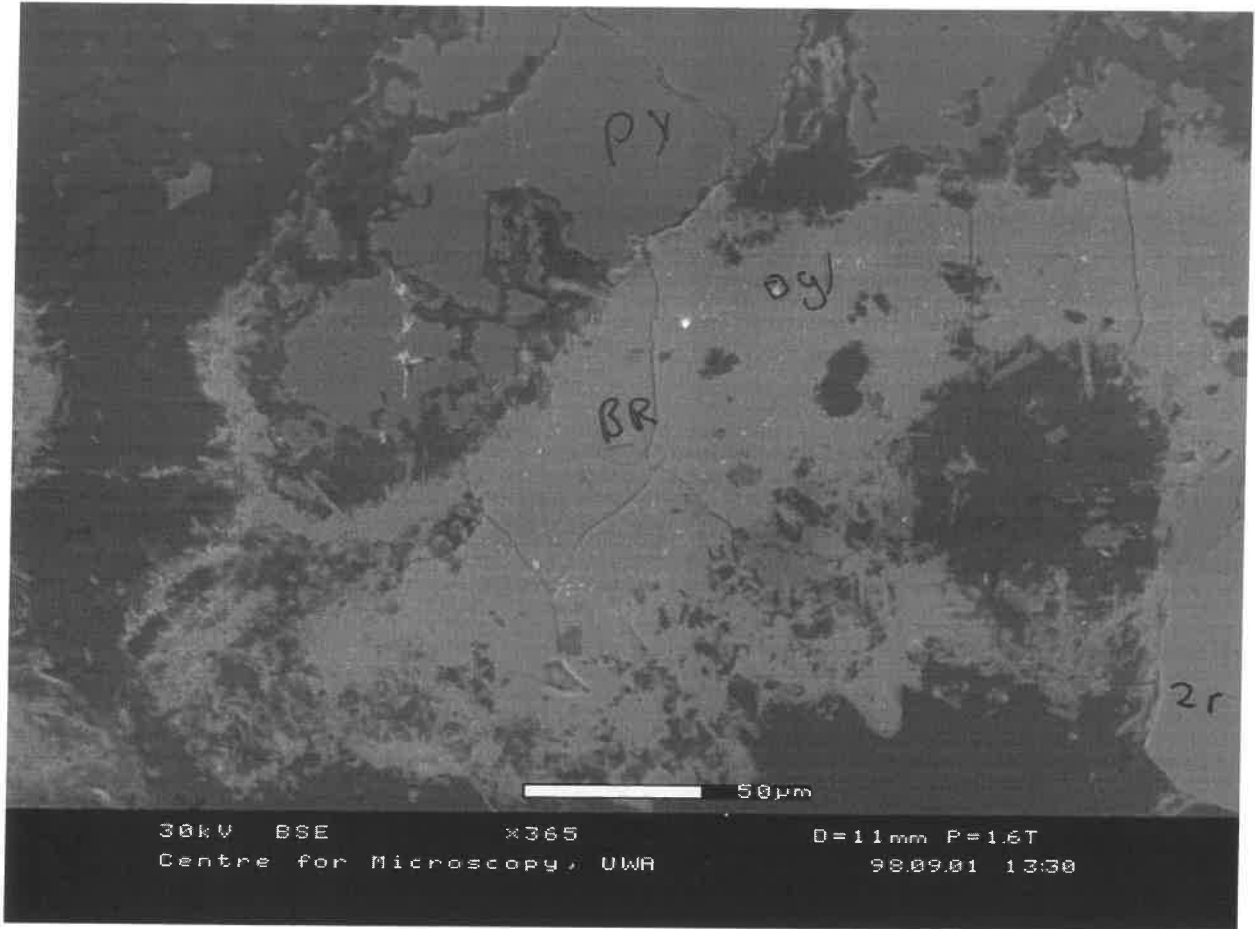
This section GEO 39

Braconite Disk:

for 399	300 MHz	²⁰⁶ Pb	2	P = 0.6 nA
	200 "	²³⁸ U	-	"
	300	²⁴⁸ ThO	-	"
!!	1.5 MHz	²⁵⁴ UO	..	"

398 similar (one spot on each).

355



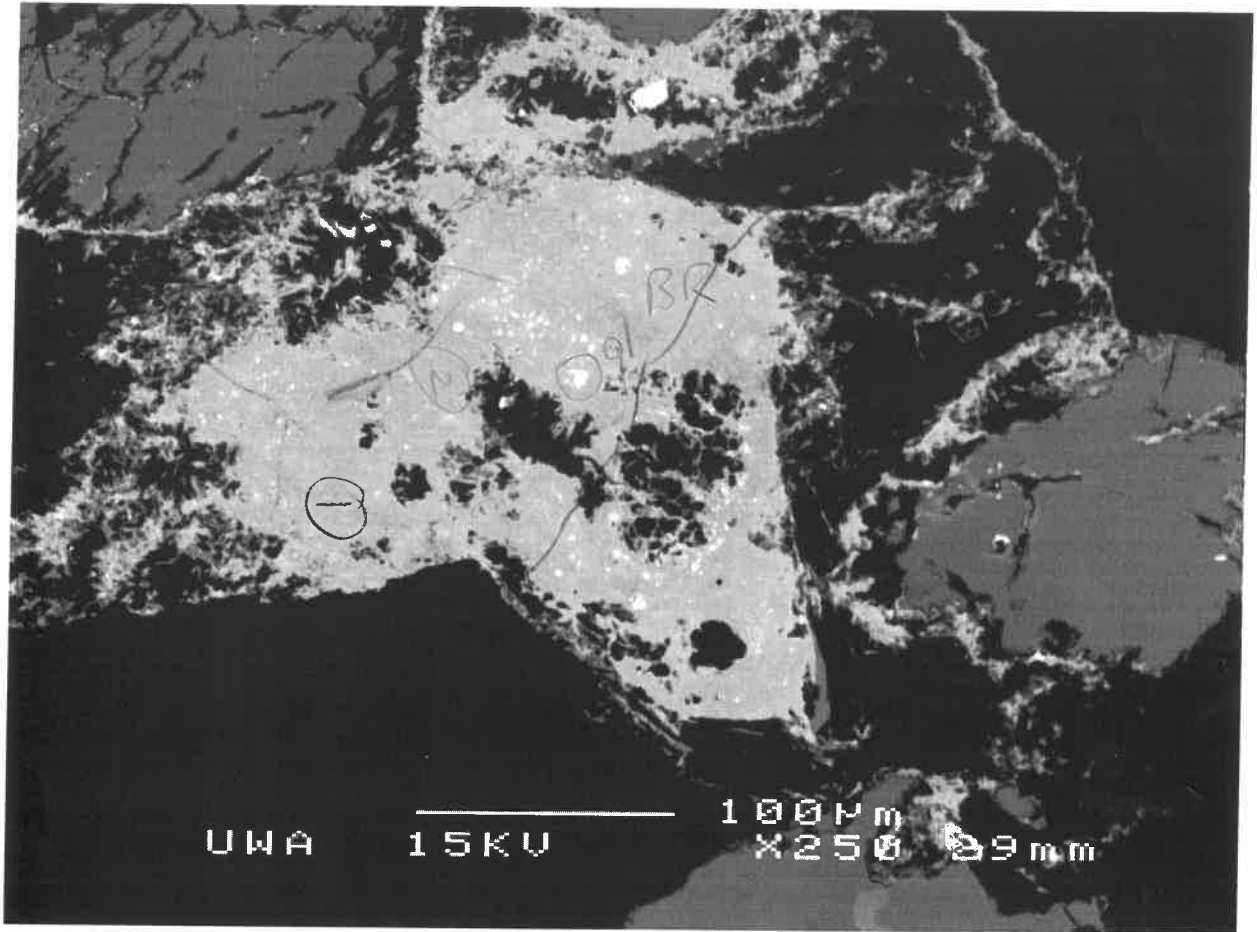
(grain 398)

gl

gl = white speckles galena

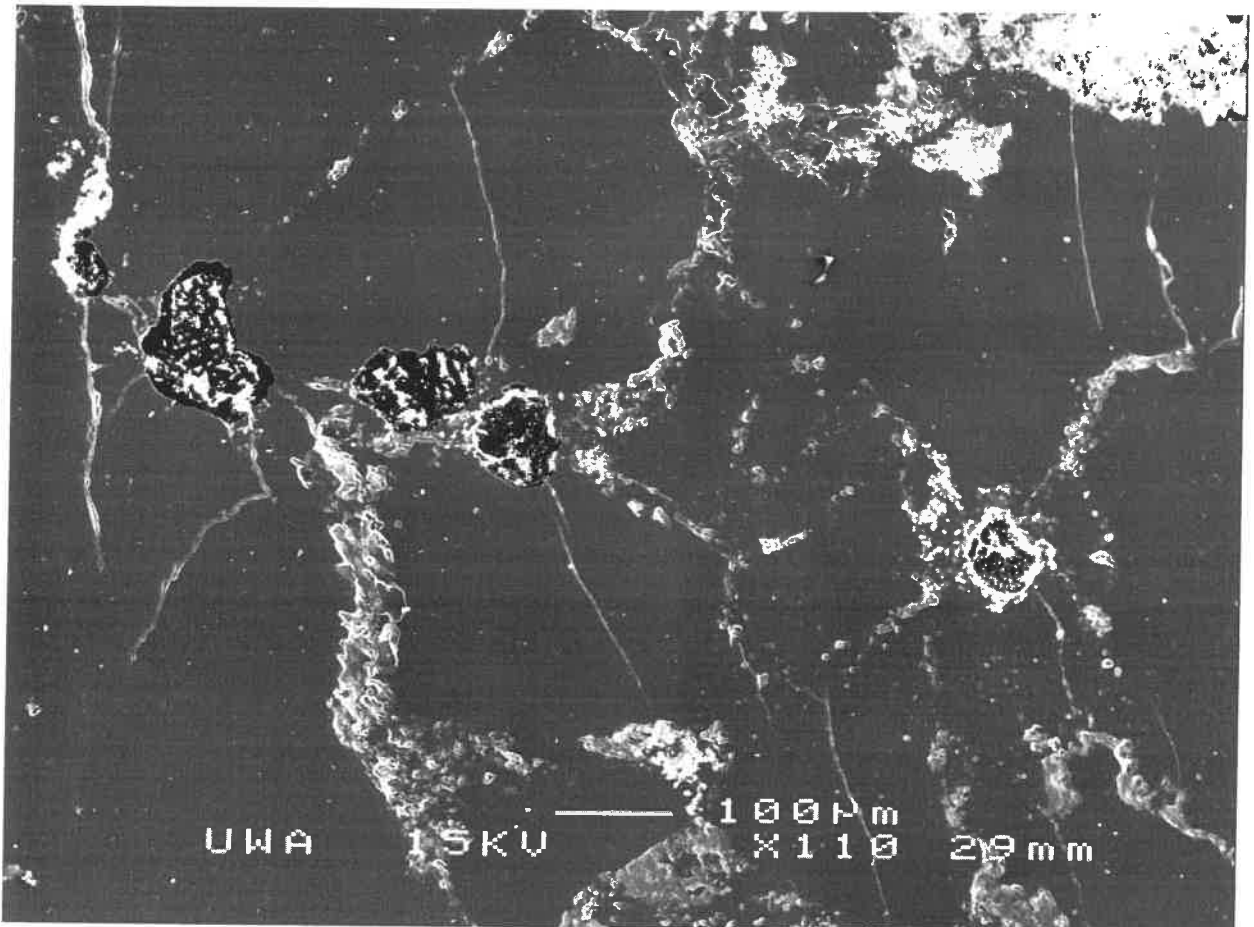
Br = Bromite

399

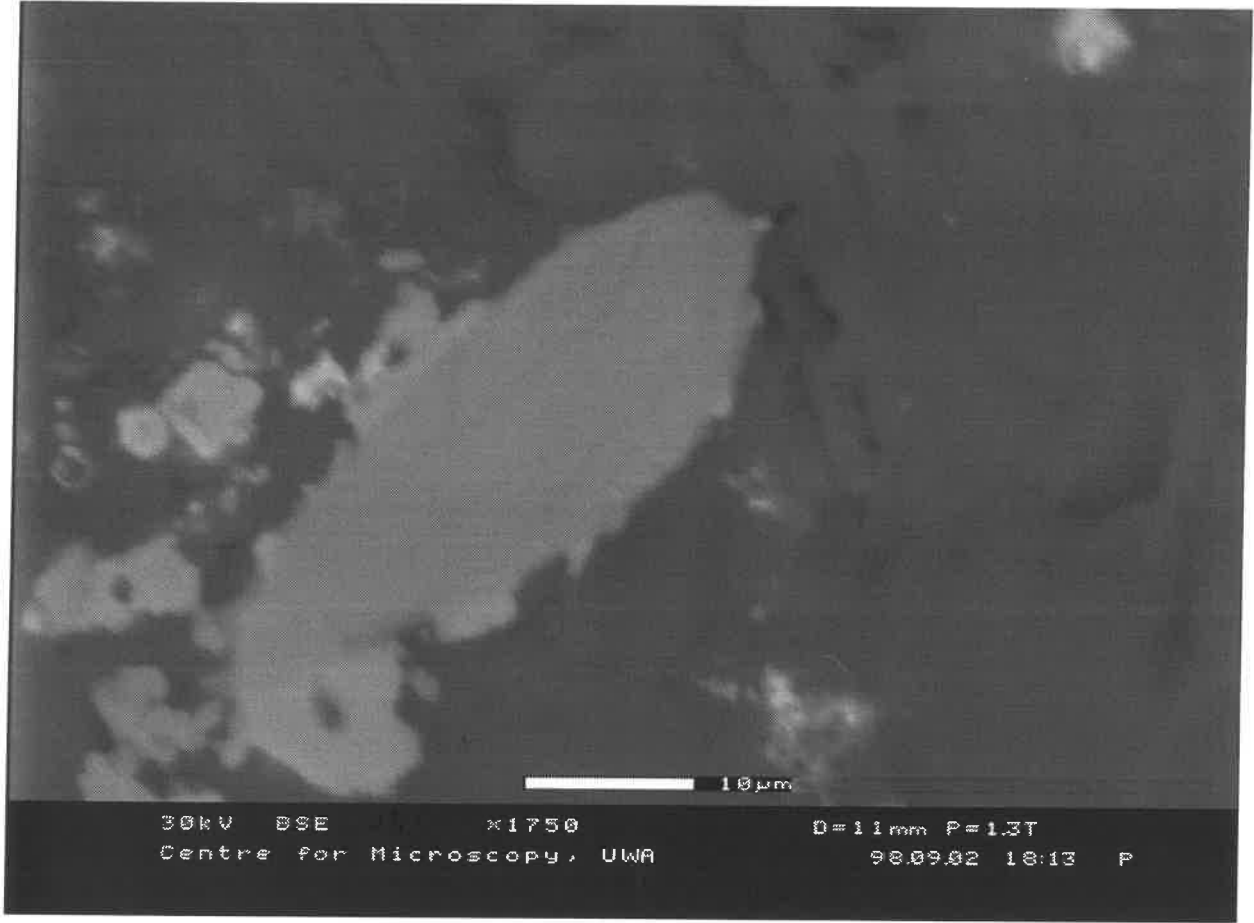


grain 399 Bronerite

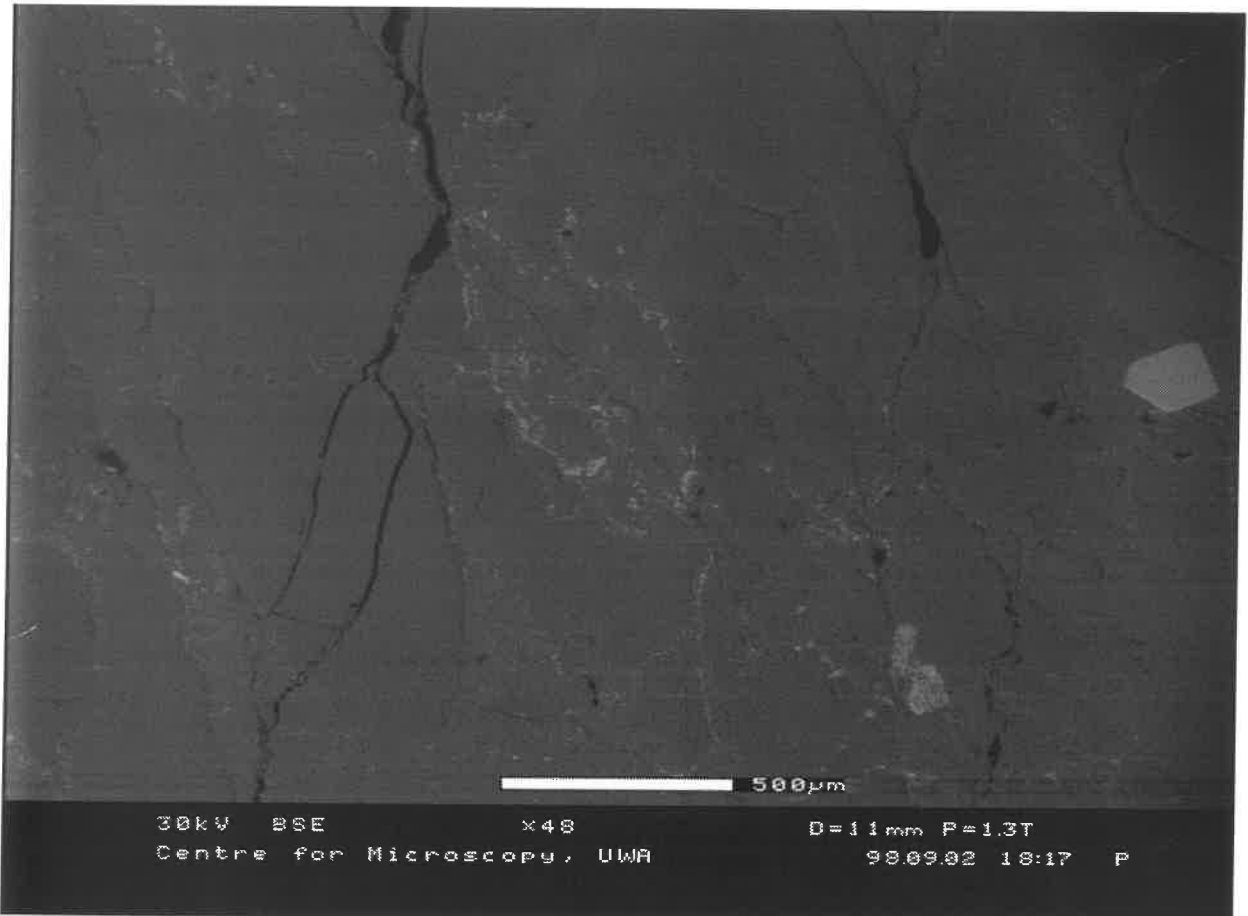
424



370



371

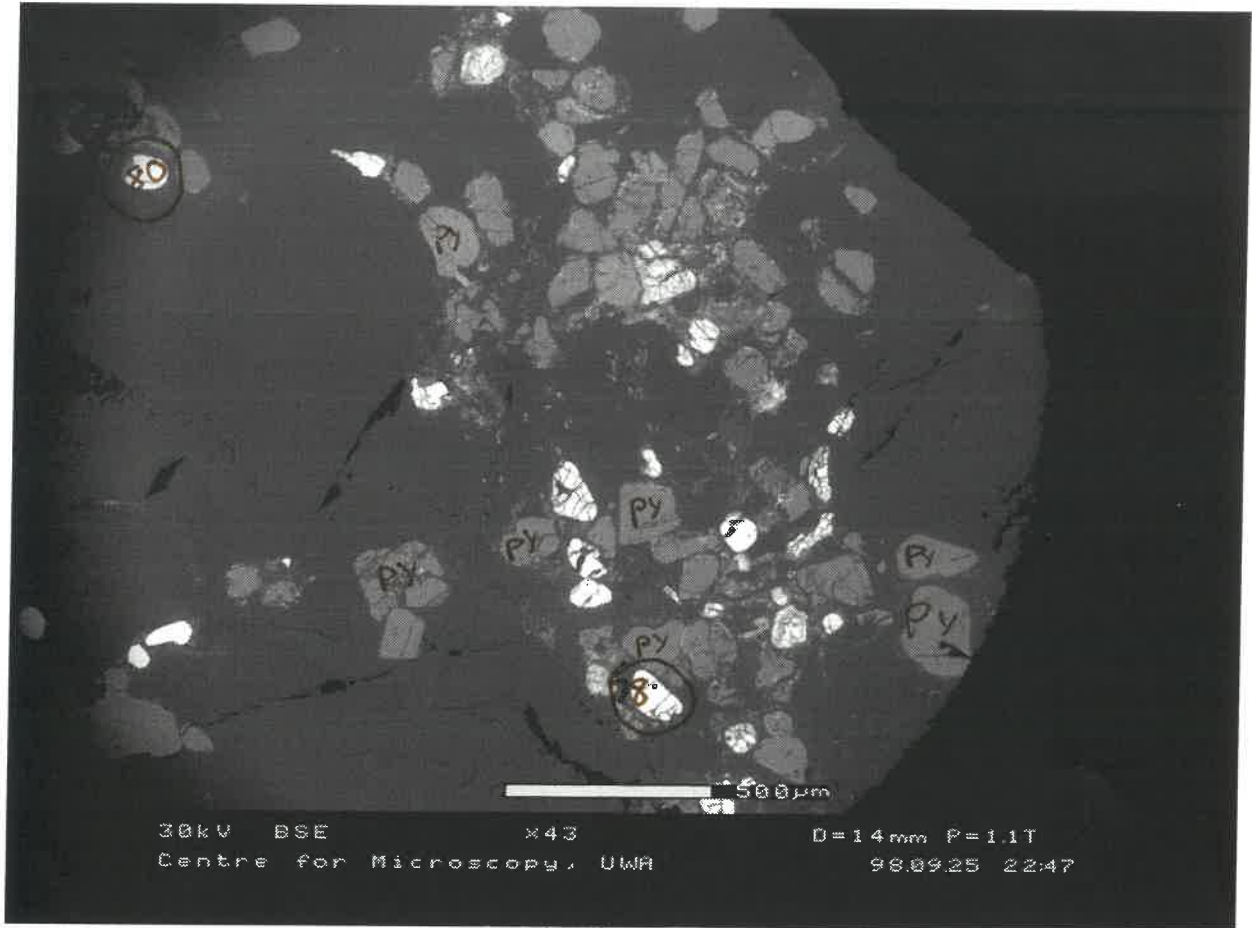


Vaal

Disk 10 Uraninite

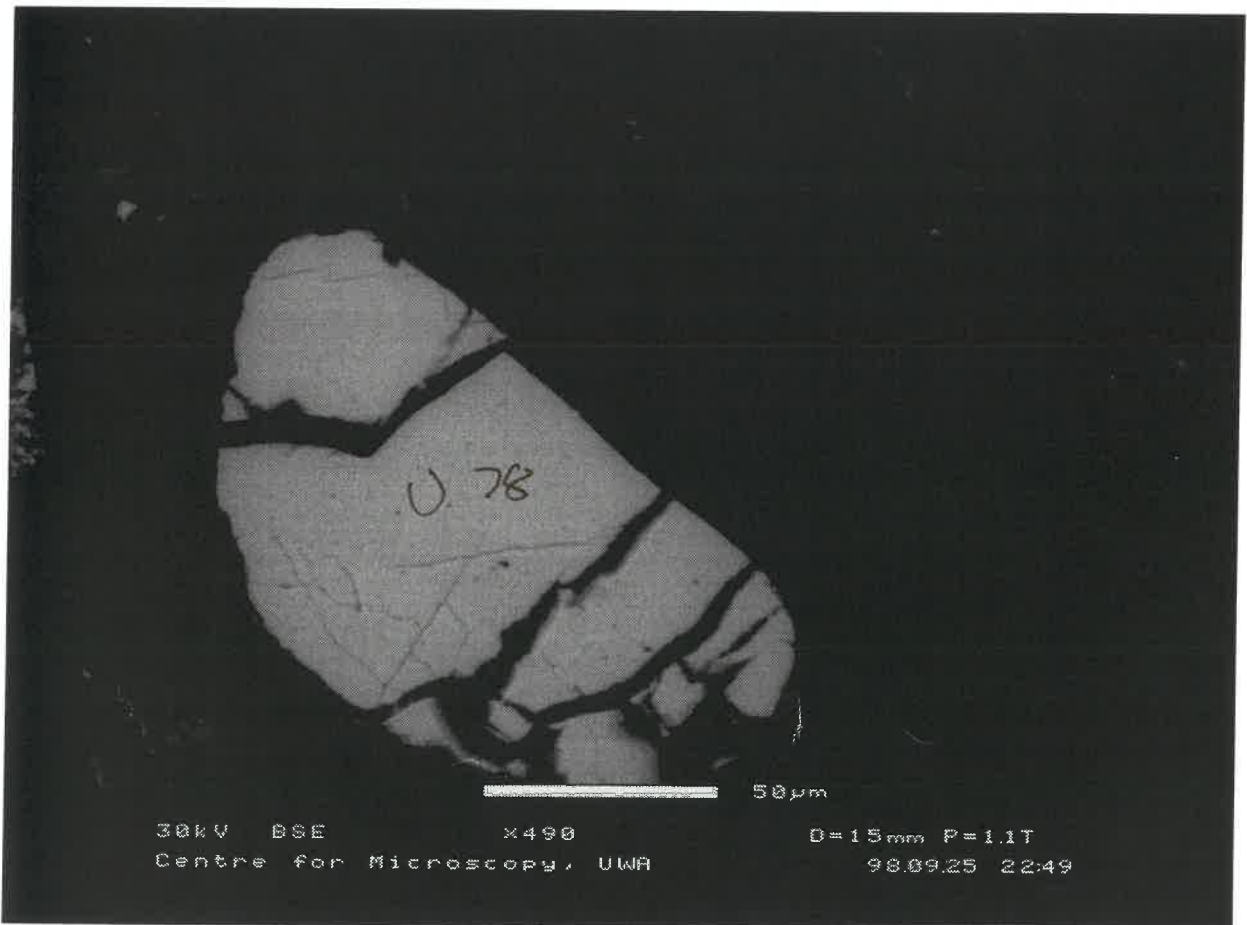
TS VI.1

77



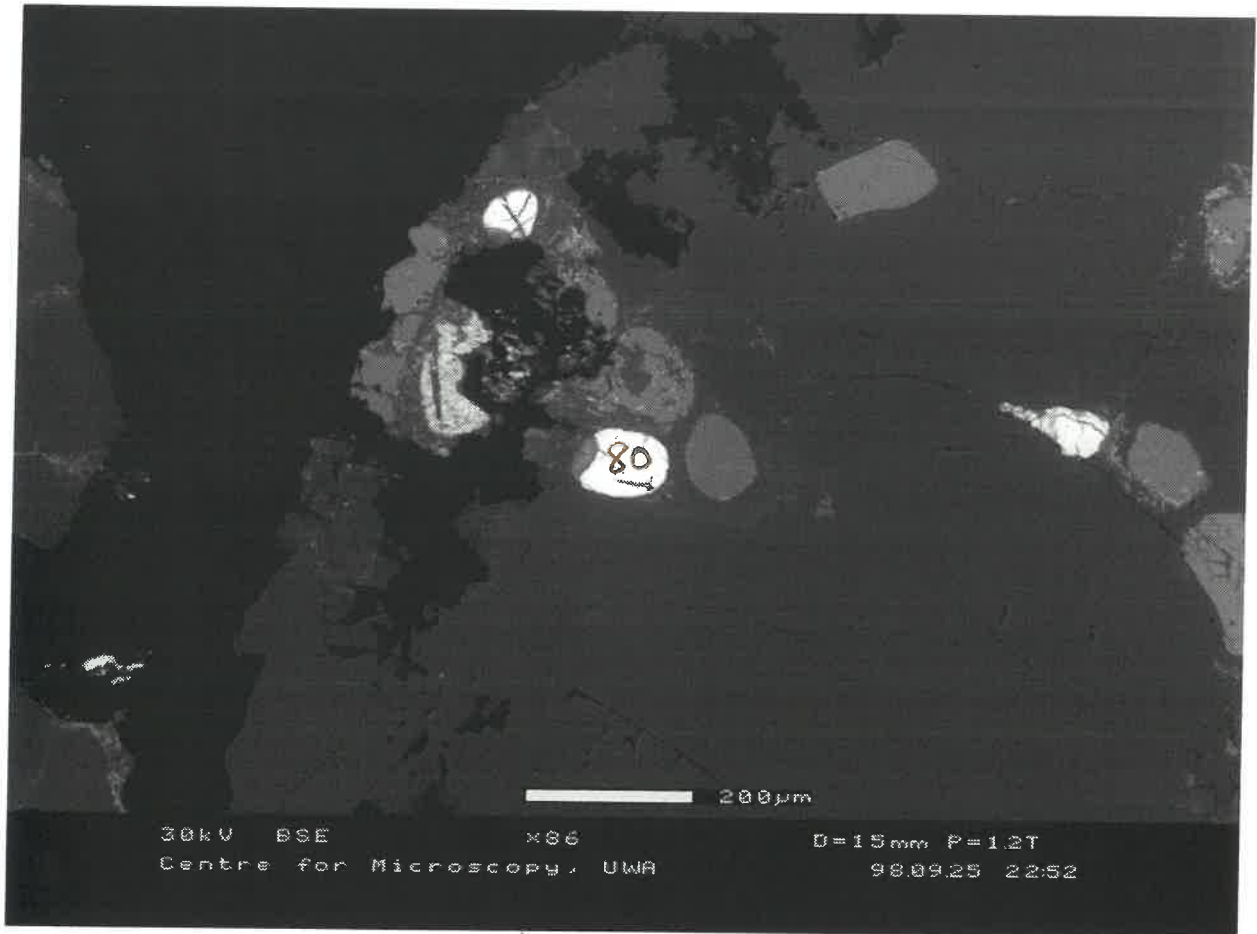
zoom out of disk 10

78



Uraninite (78)

79



zoom out of Urm to 80

80



Urmite (80)

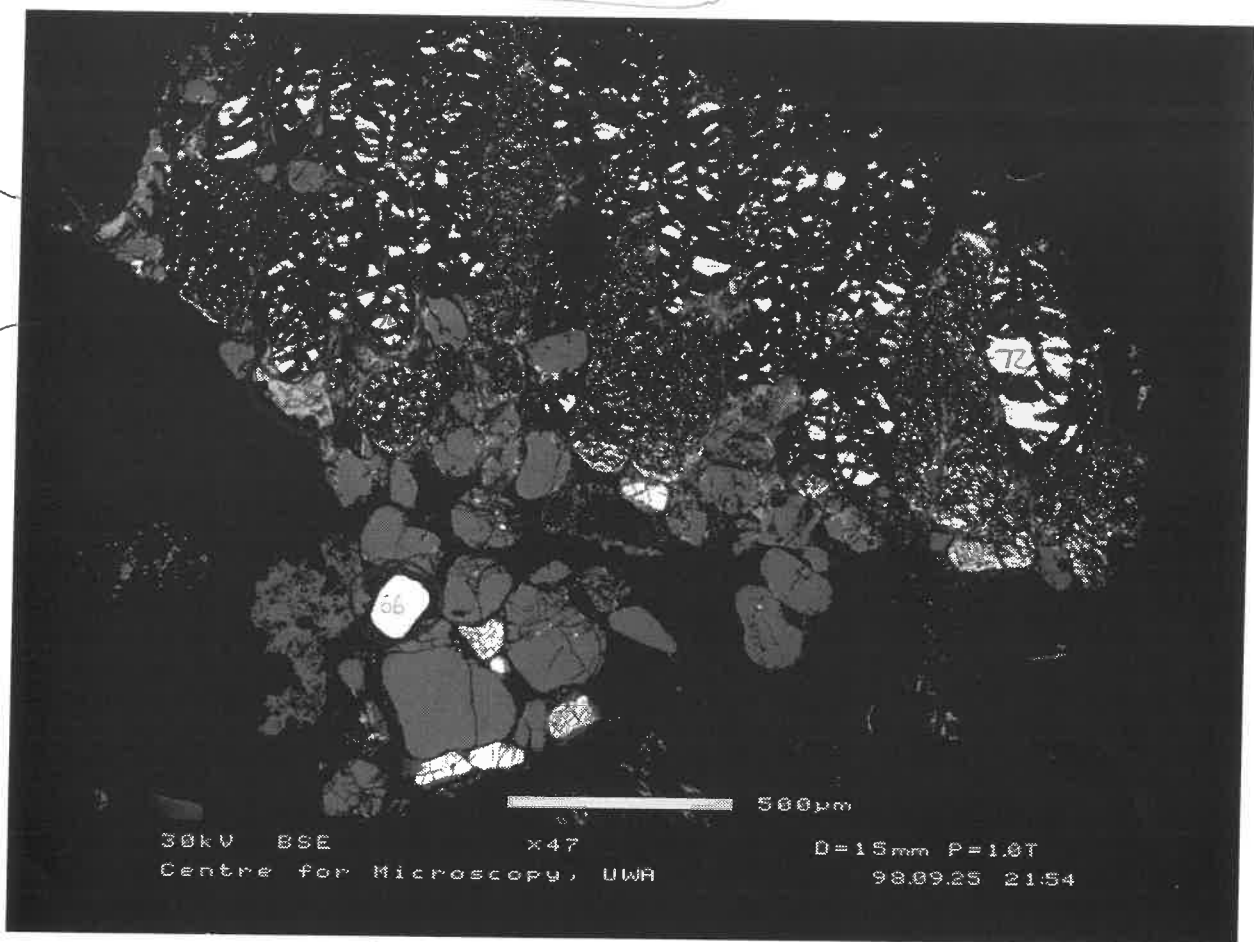
Disk 8

Vaal TS VI.1

65

74

70



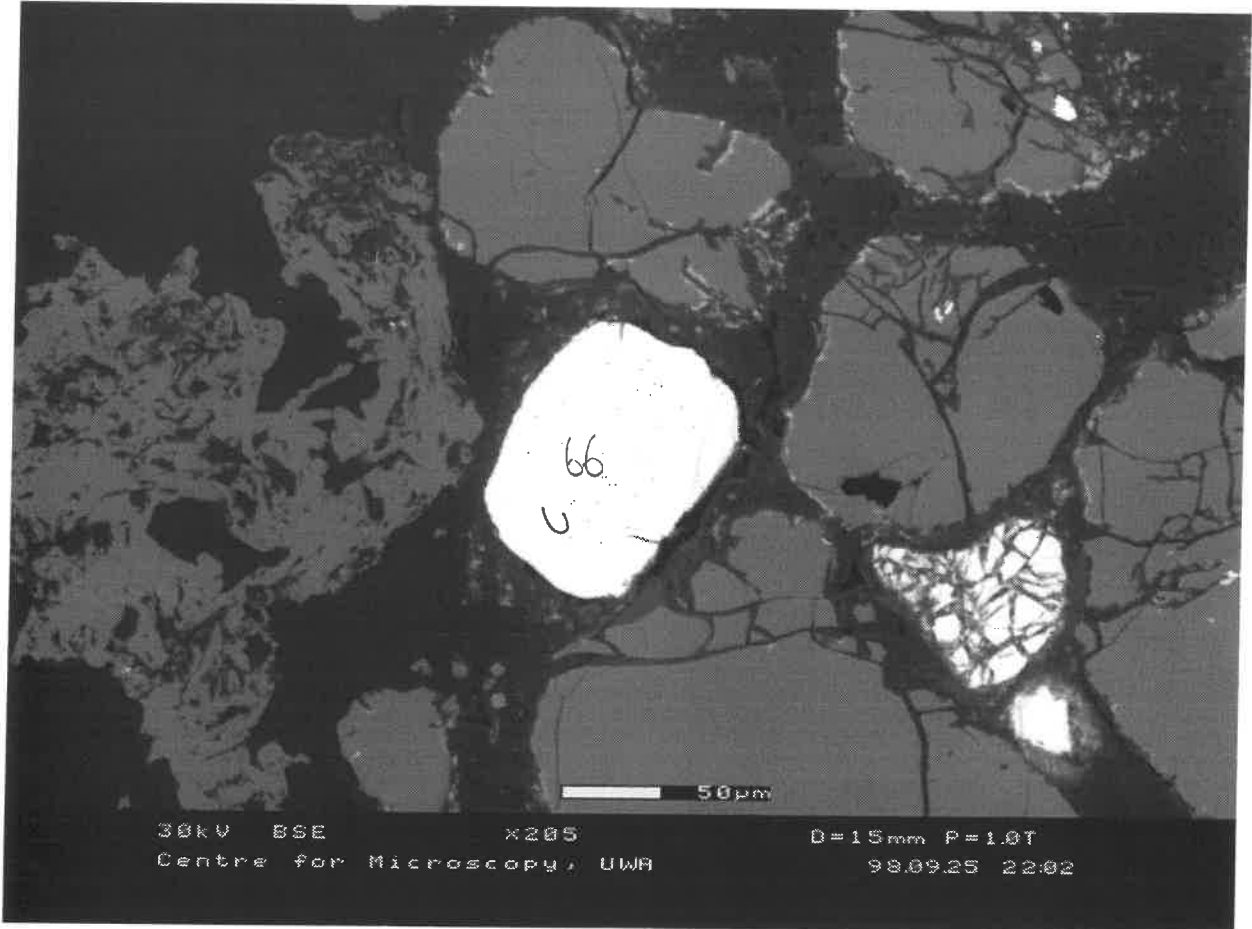
Disk 8

66



zoom in of 66; Uraninite

67



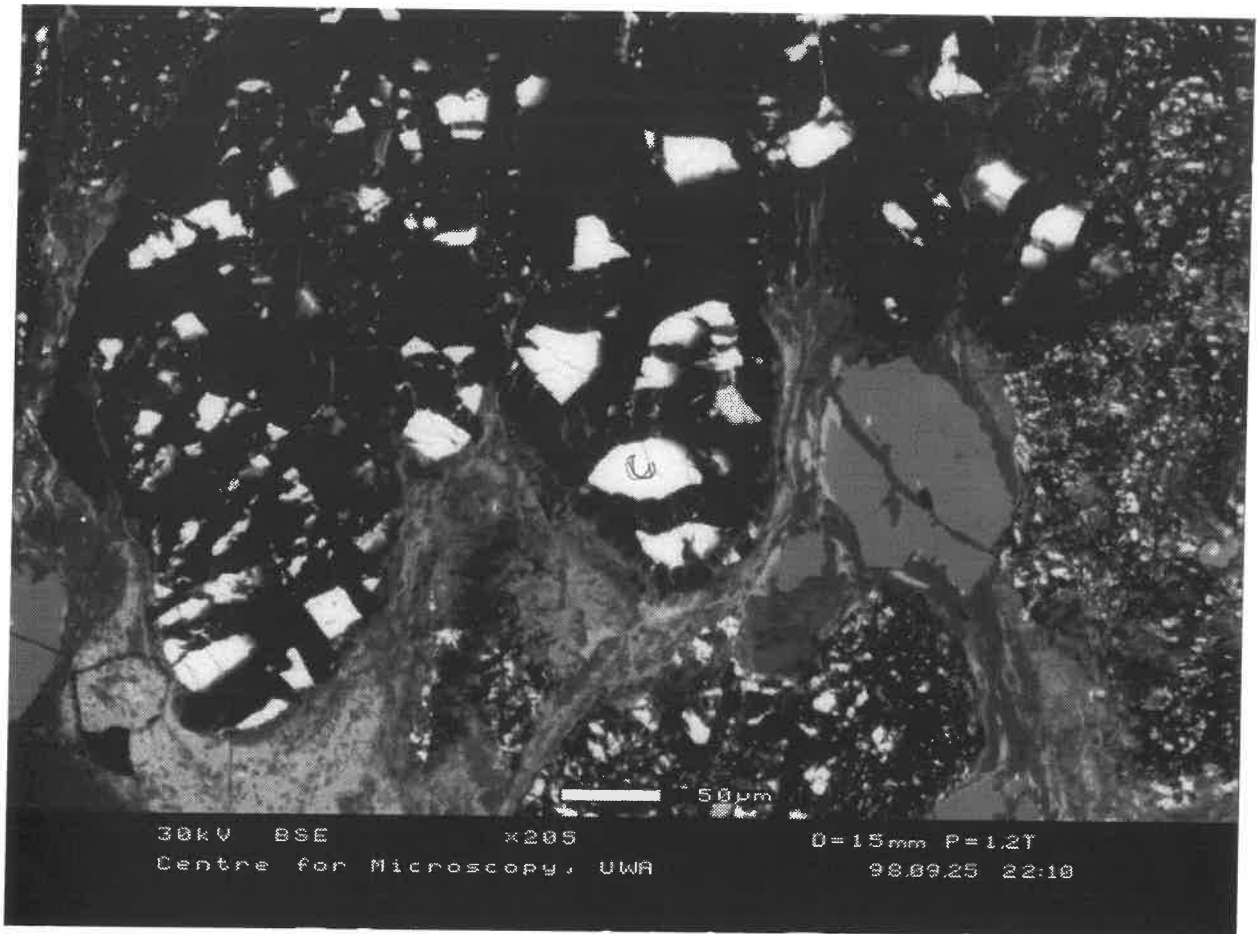
zoom out of 66, Uraninite

68



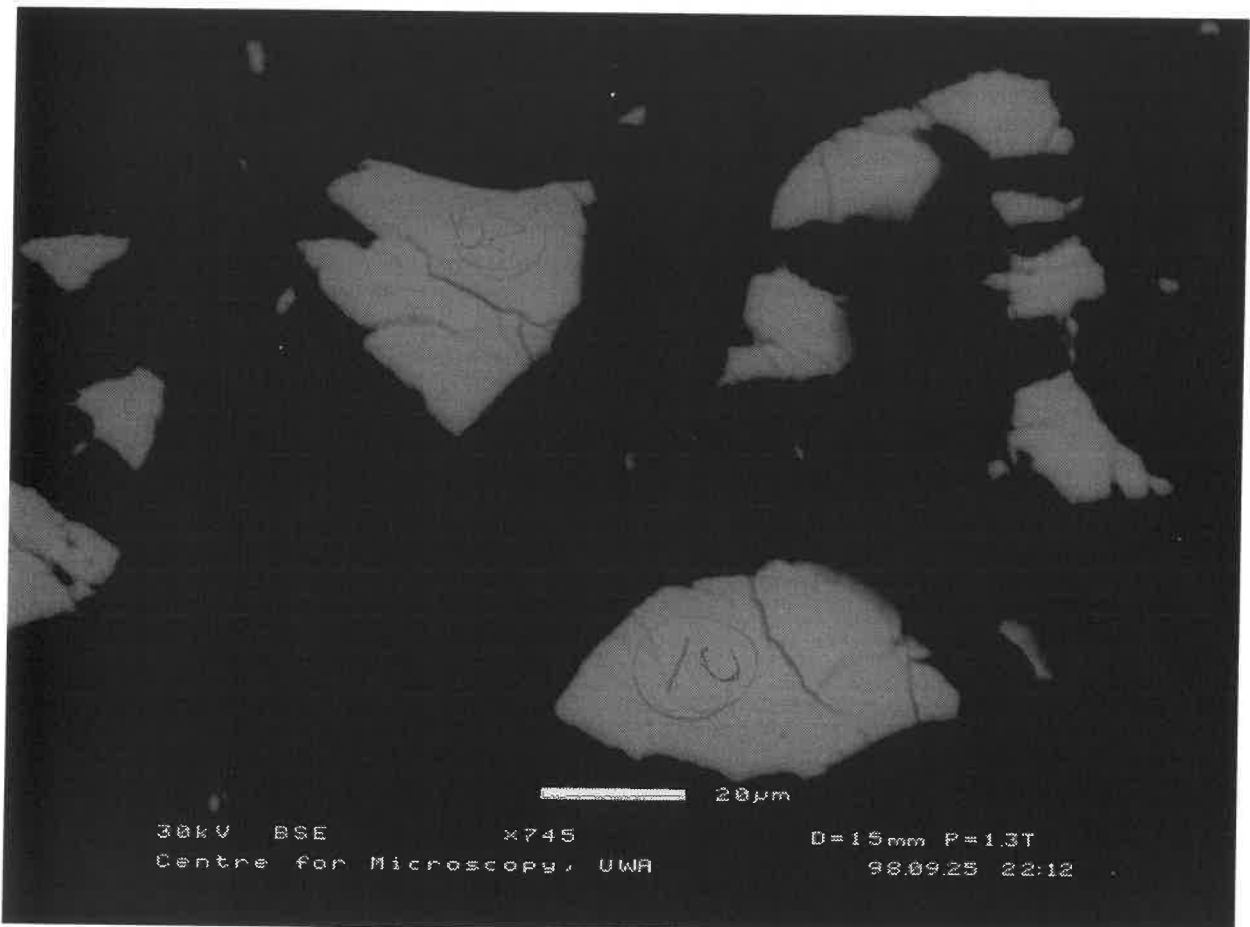
Bromanite (brighter than U)

69



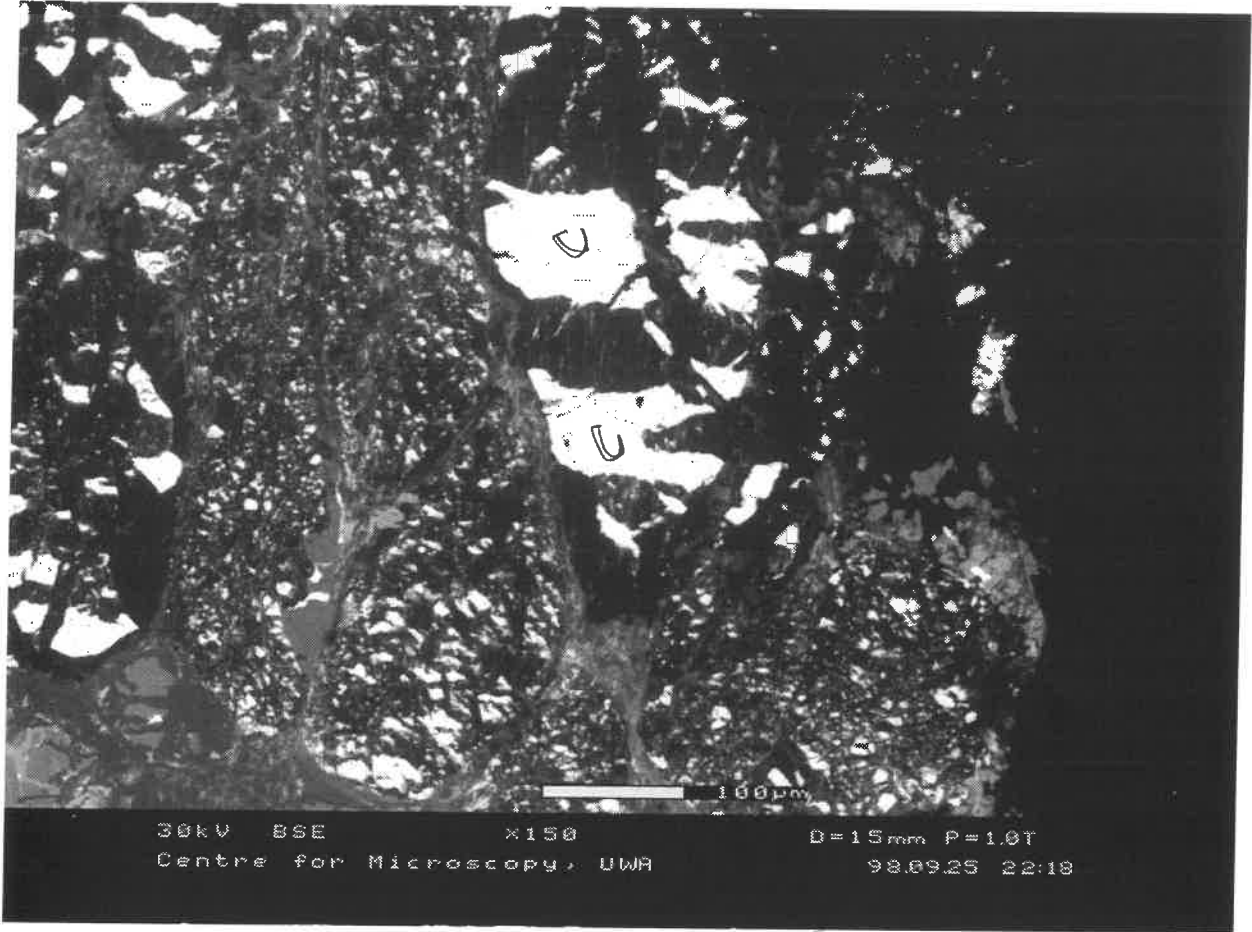
zoom-out of 70 (Uraninite)

70



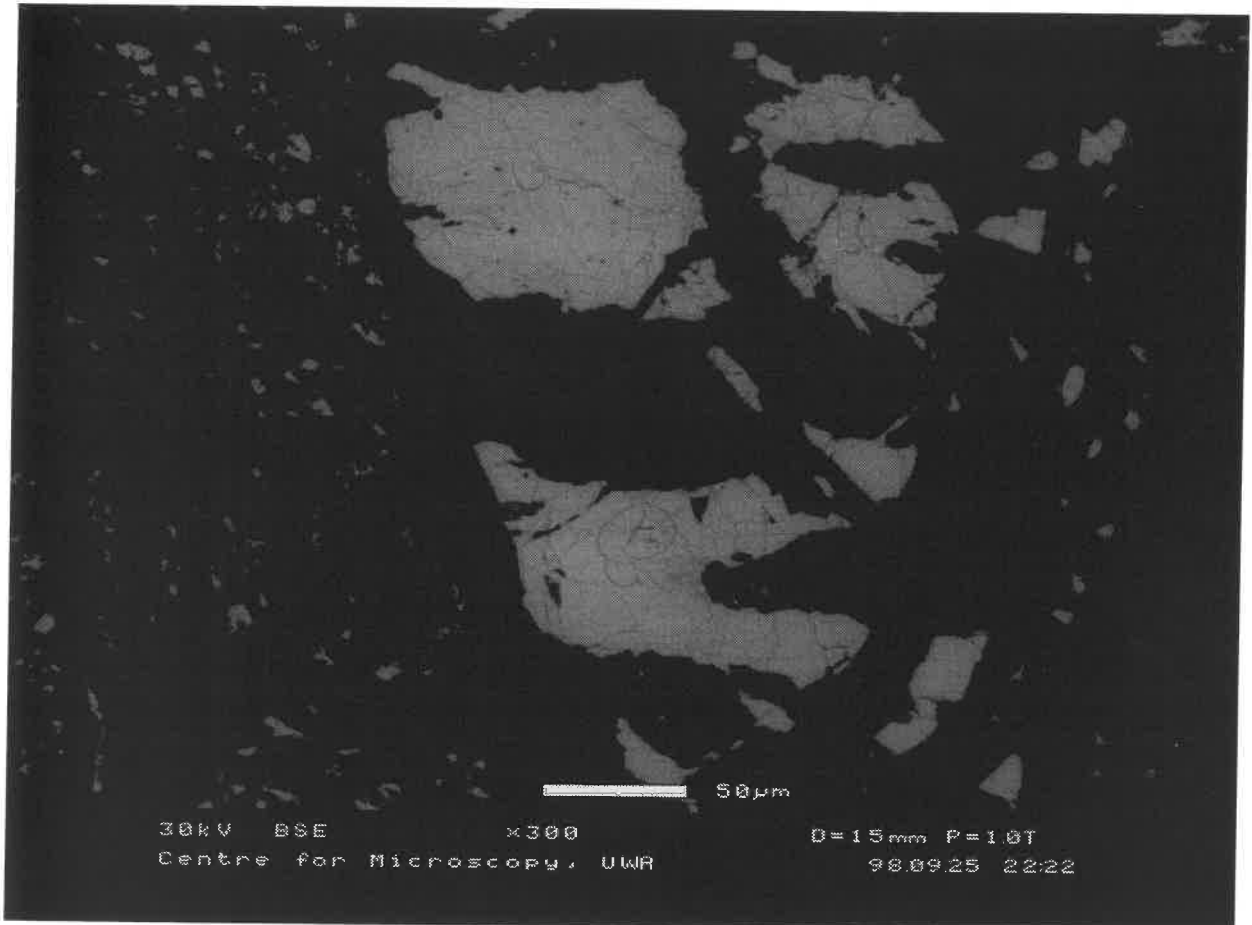
Uraninite in Carbon

71



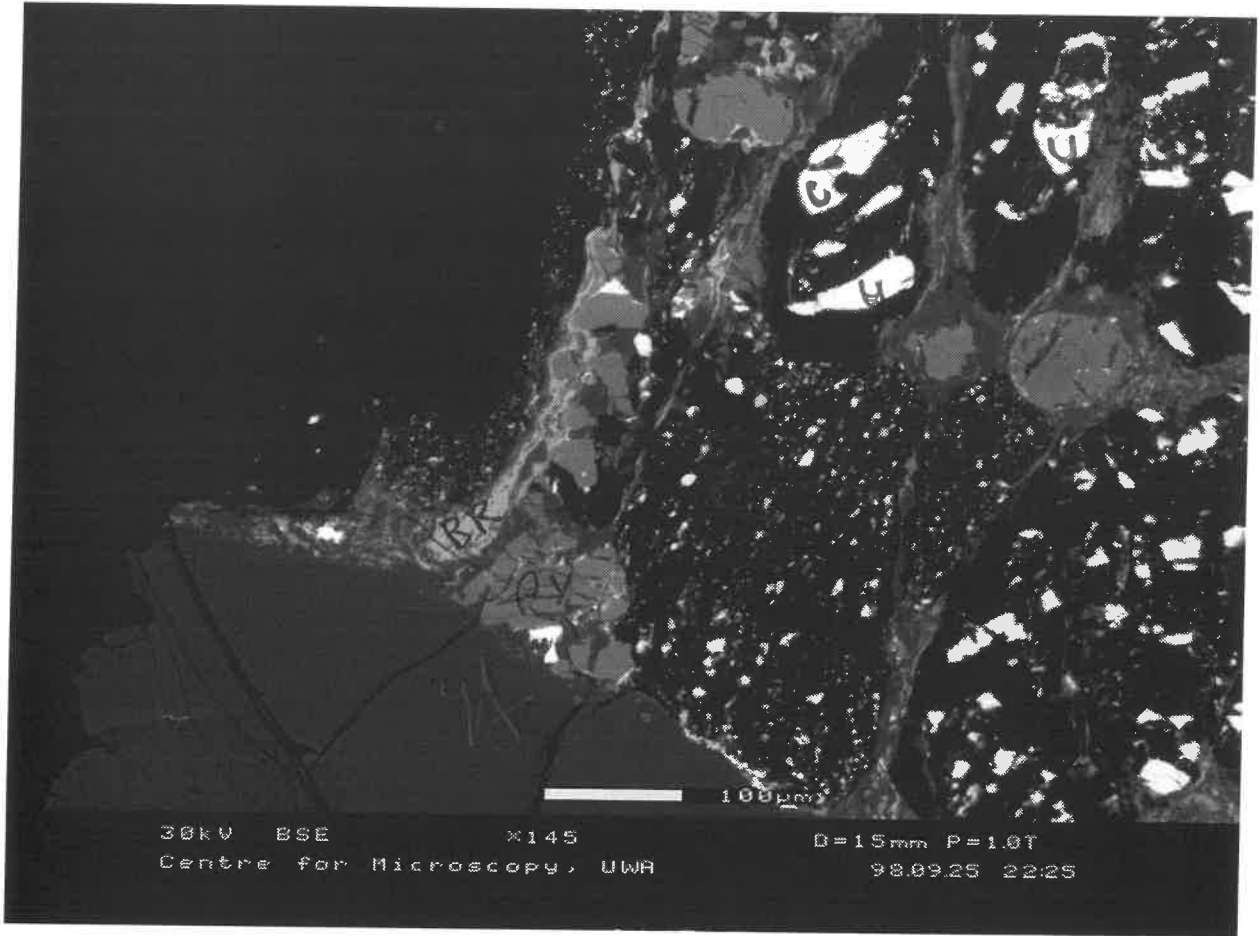
Zoom-out of Uraninite (72)

72



Uraninite

73

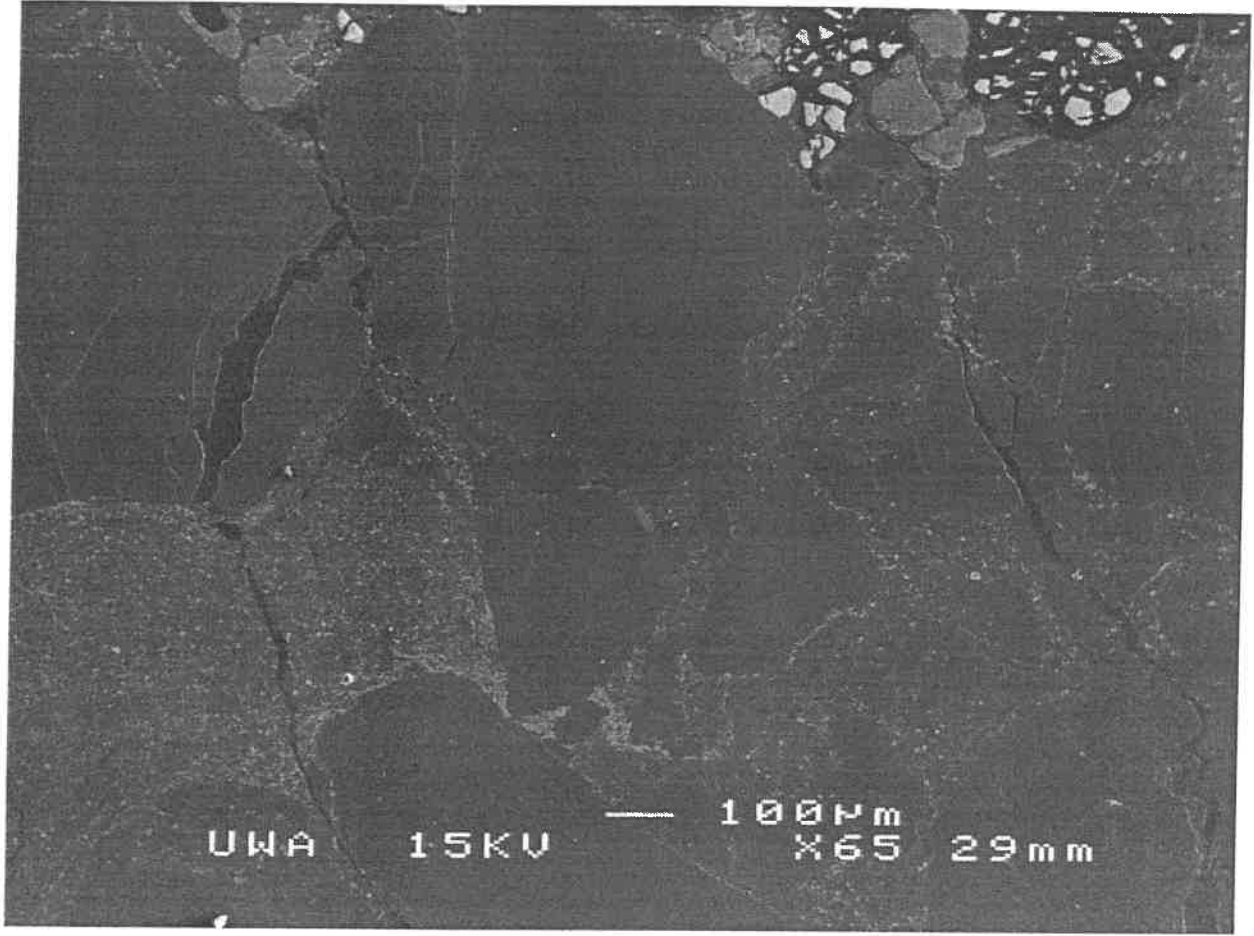


74



Br (brannerite) (74) + tiny pyrite

301



UWA

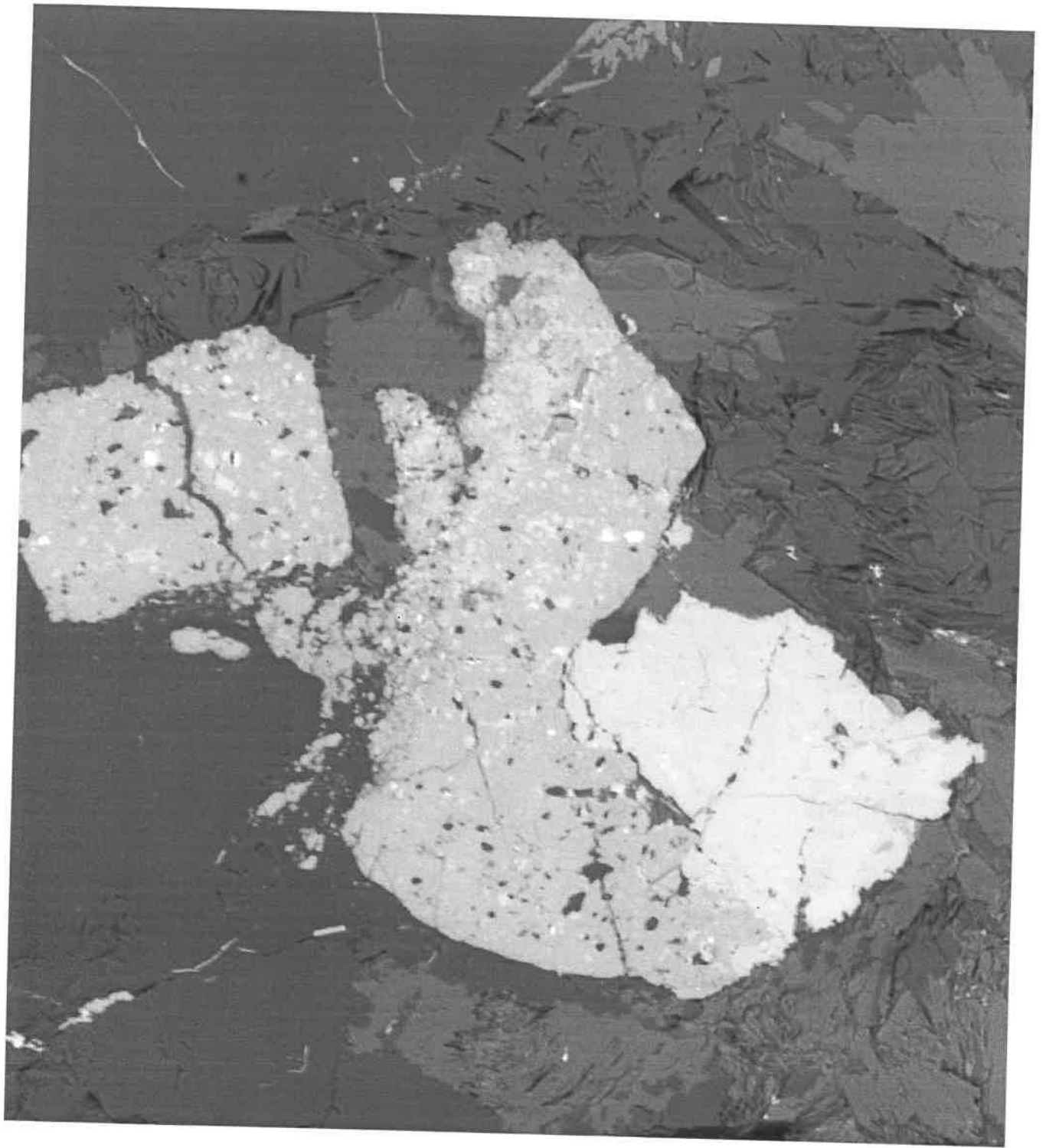
15KV

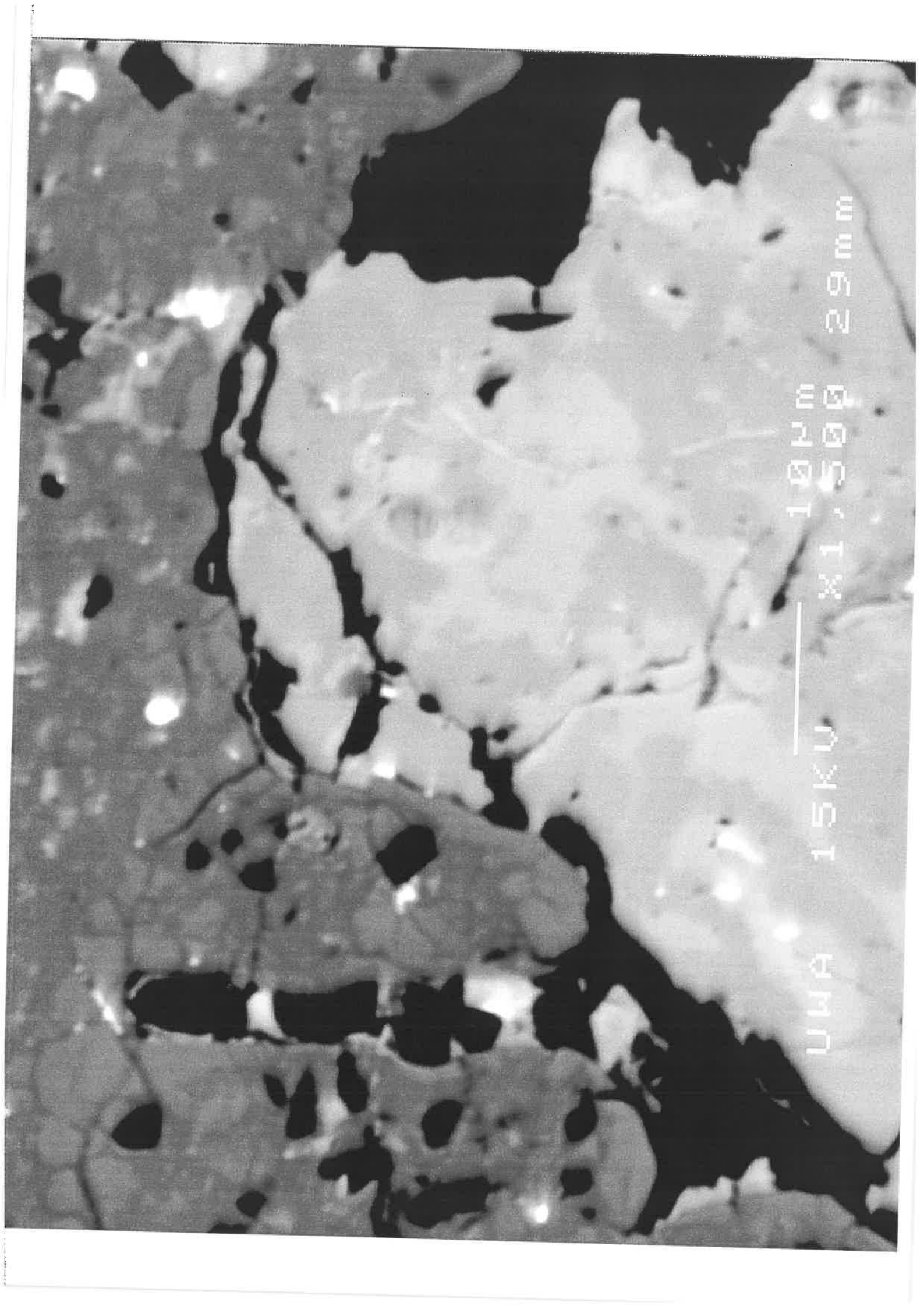


100µm

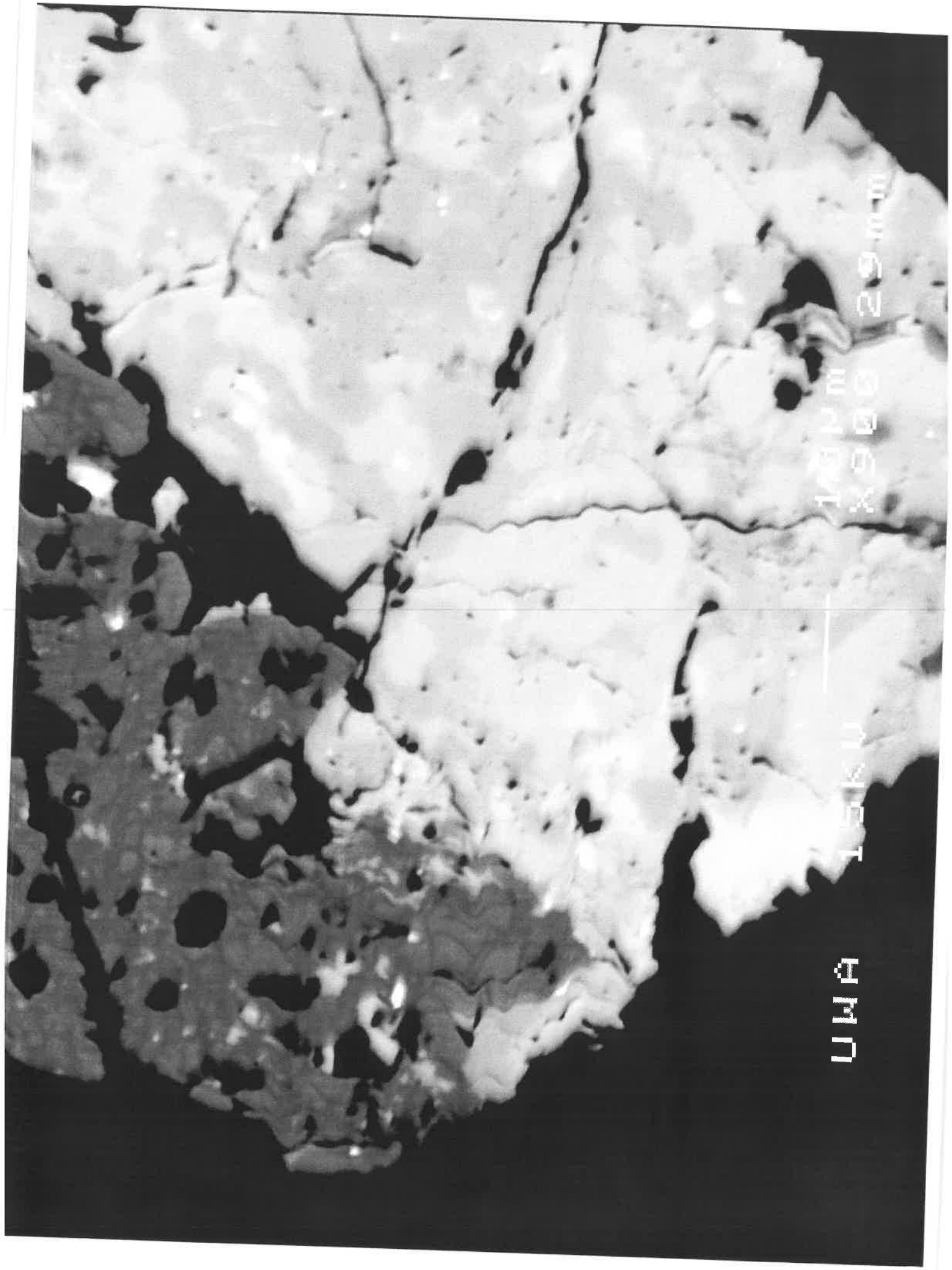
X65

29mm





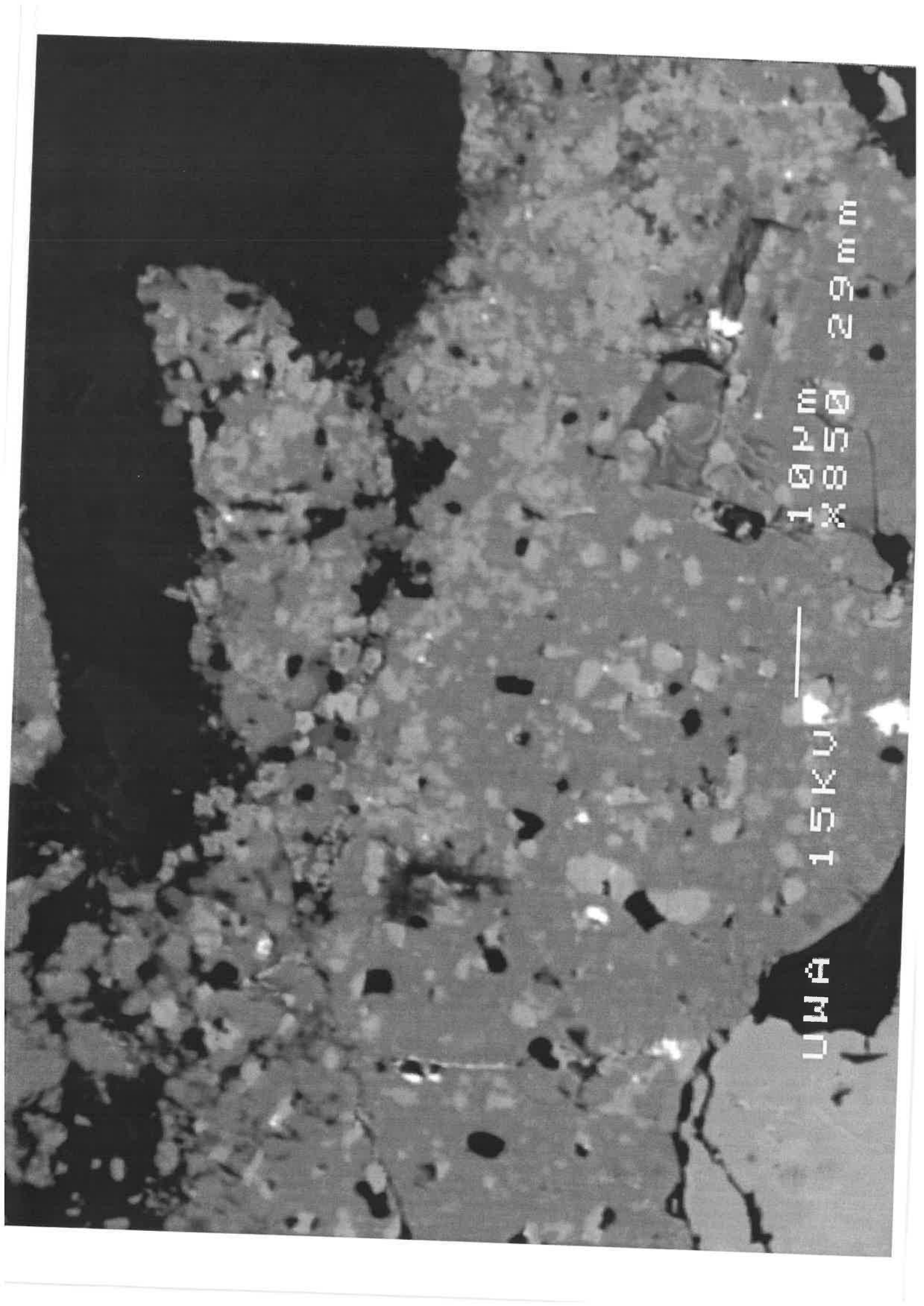
UWA 15KV X1.500 29mm



1980 29 mm

0.5 cm

AMN



1020 1850 29mm

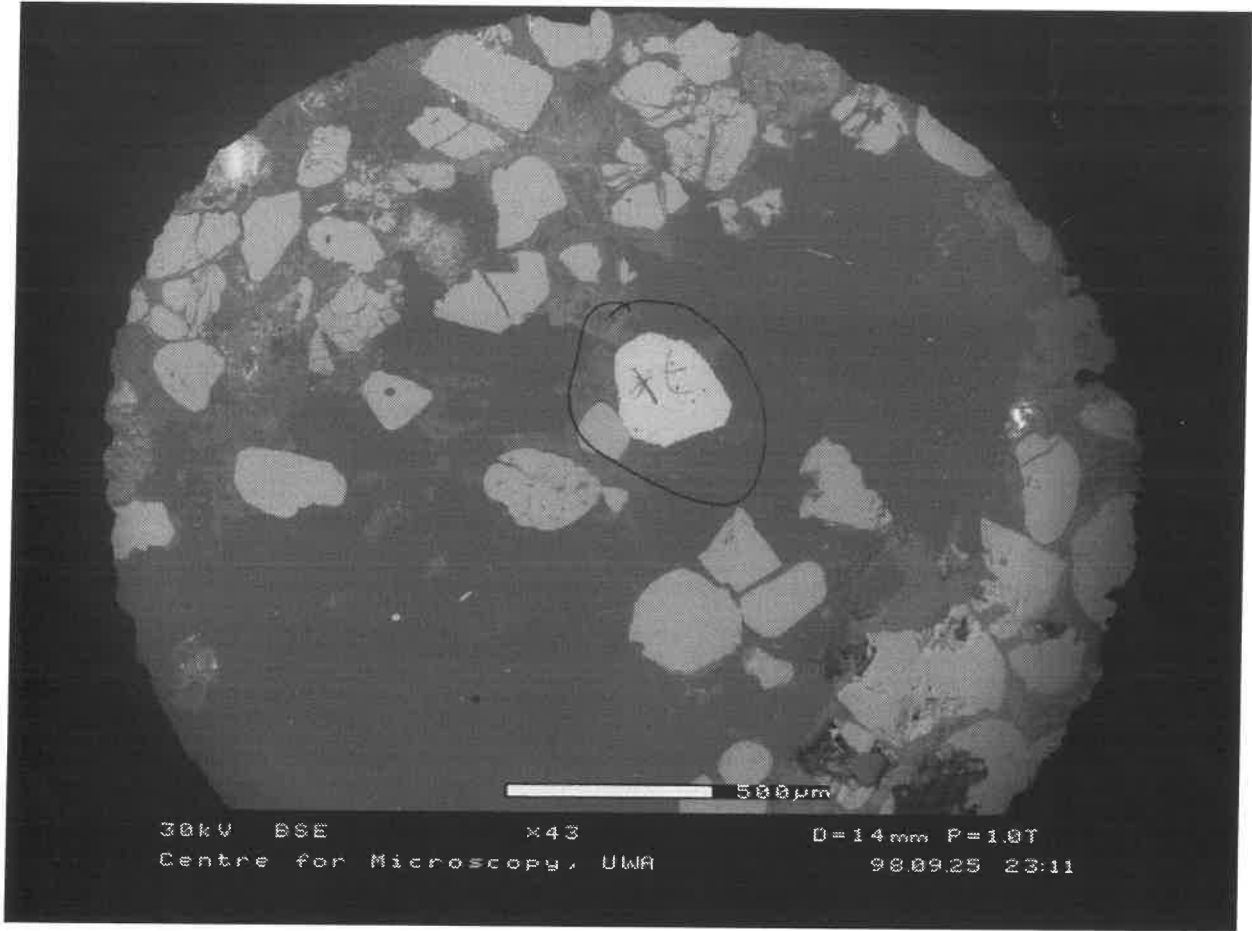
15KV

UWA

Zampson Markes
TS GE039

disk 4 detrital xenotime

83



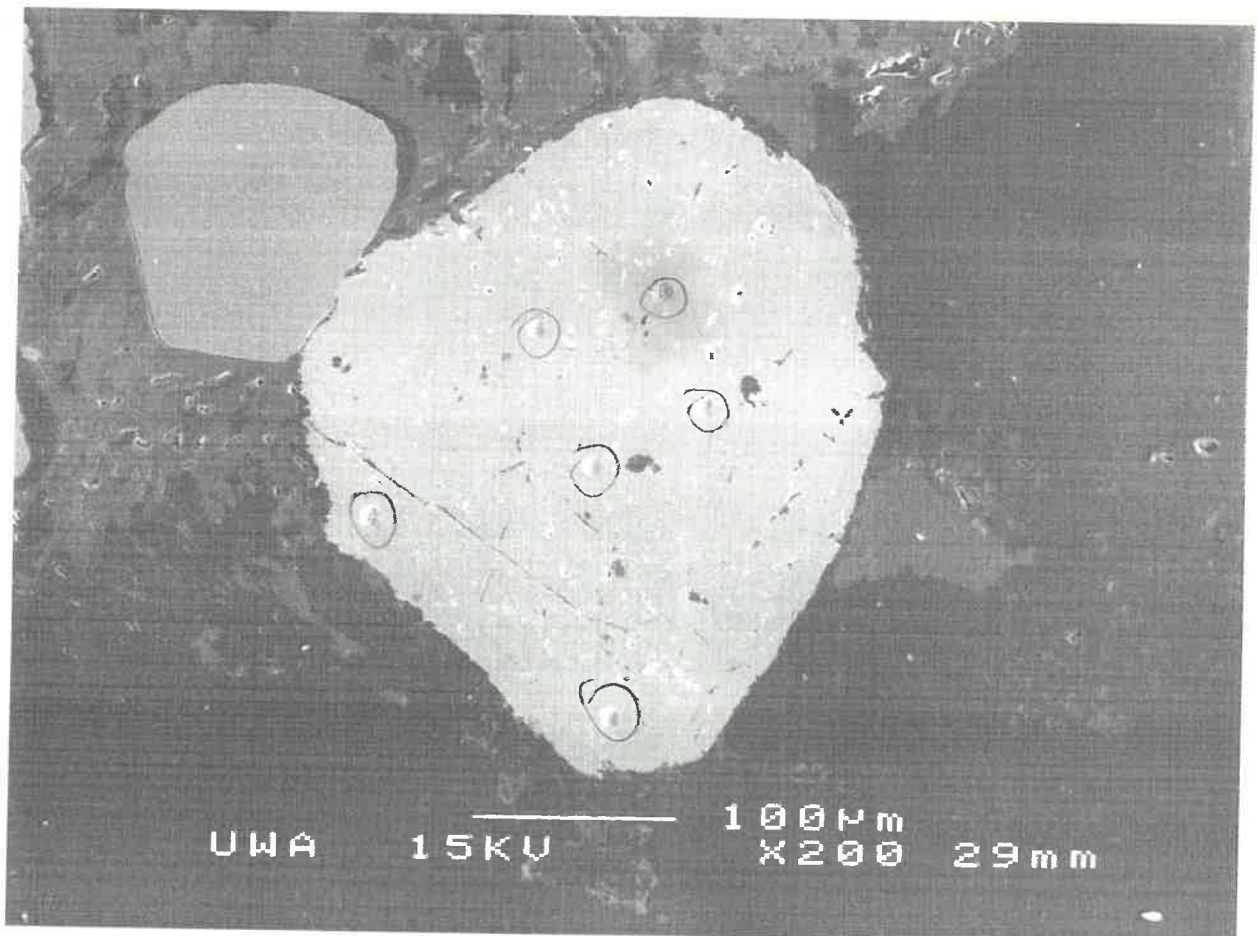
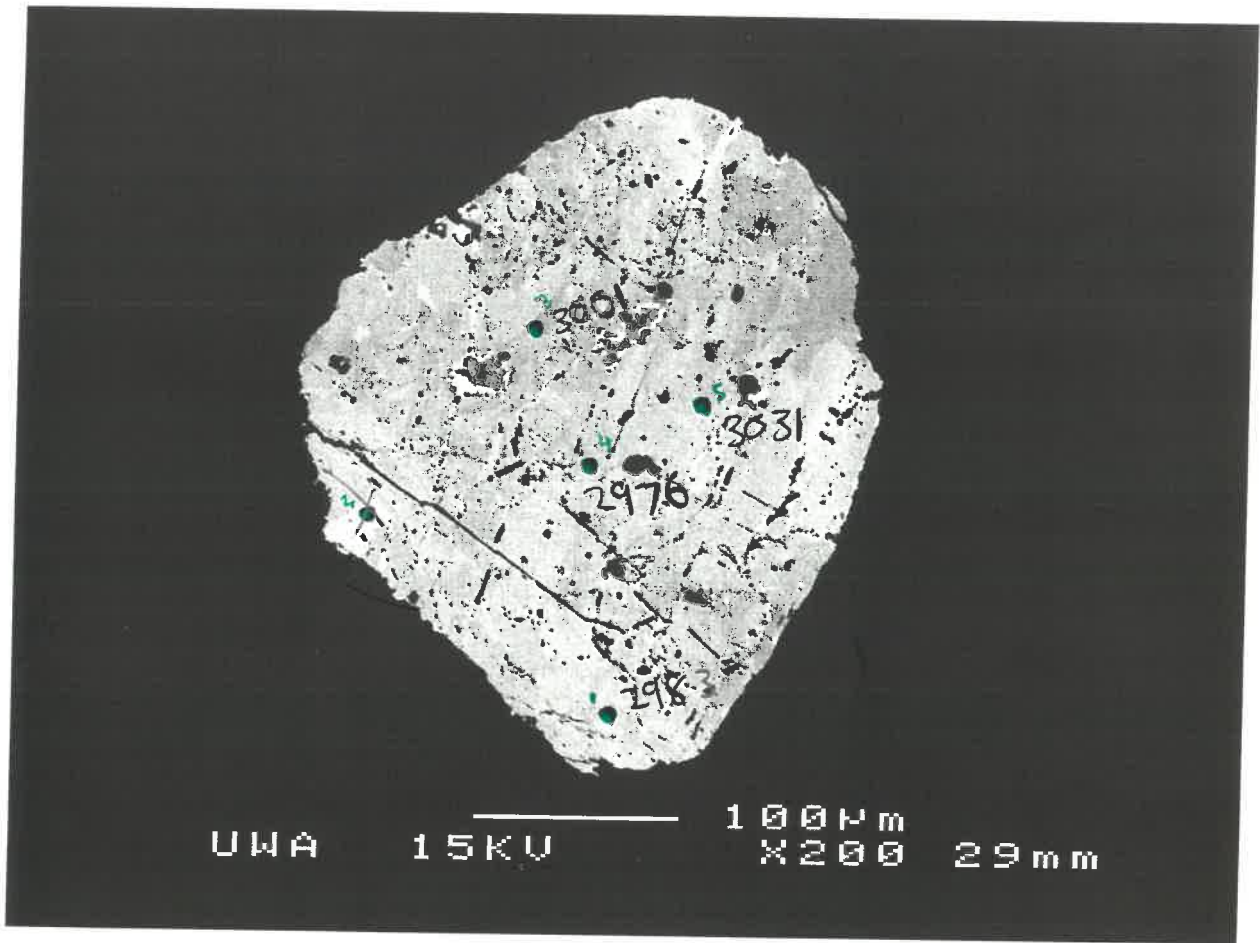
84



~3Hz
206

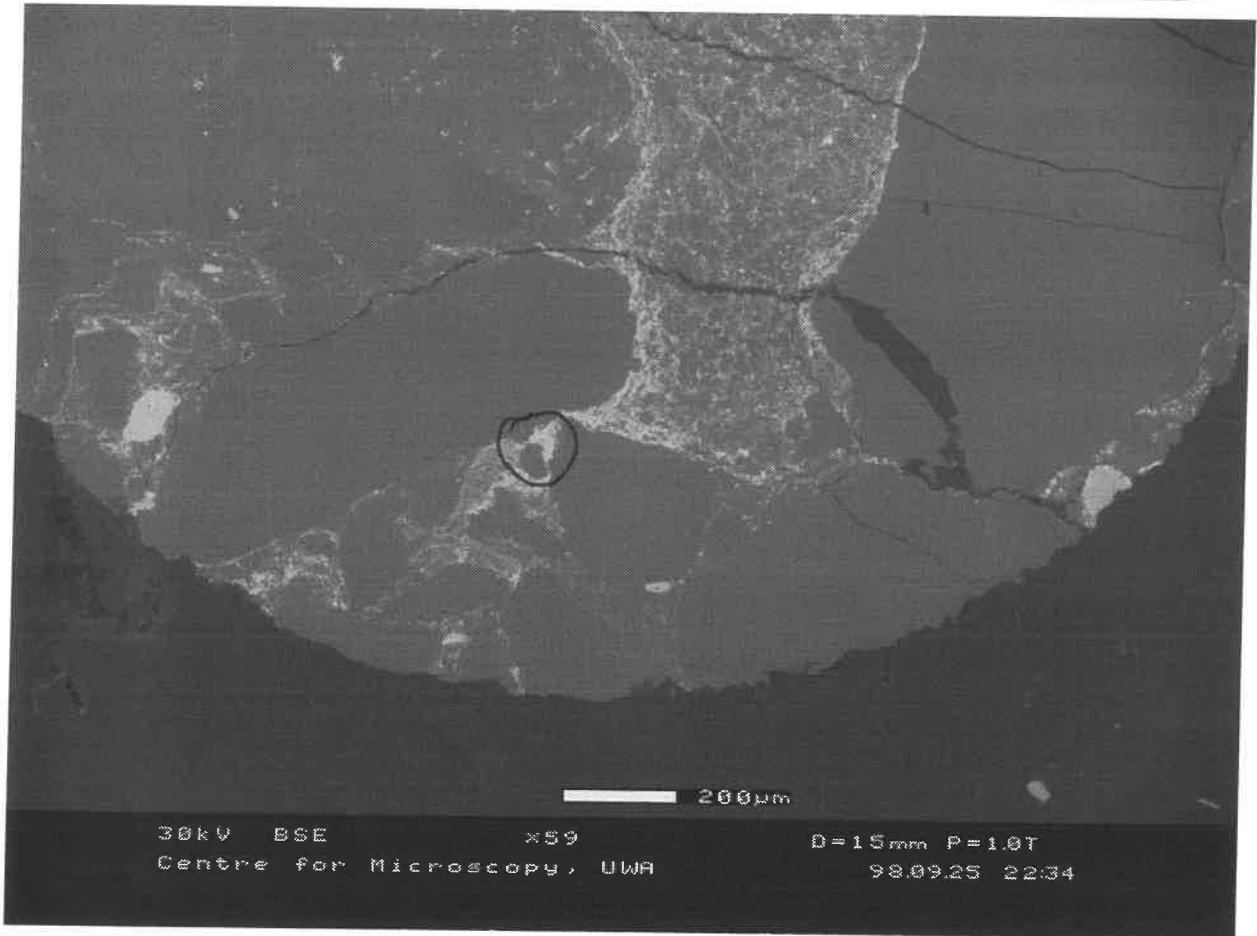
xenotime (84) detrital

bright spot has high Z and consistent 204Pb.

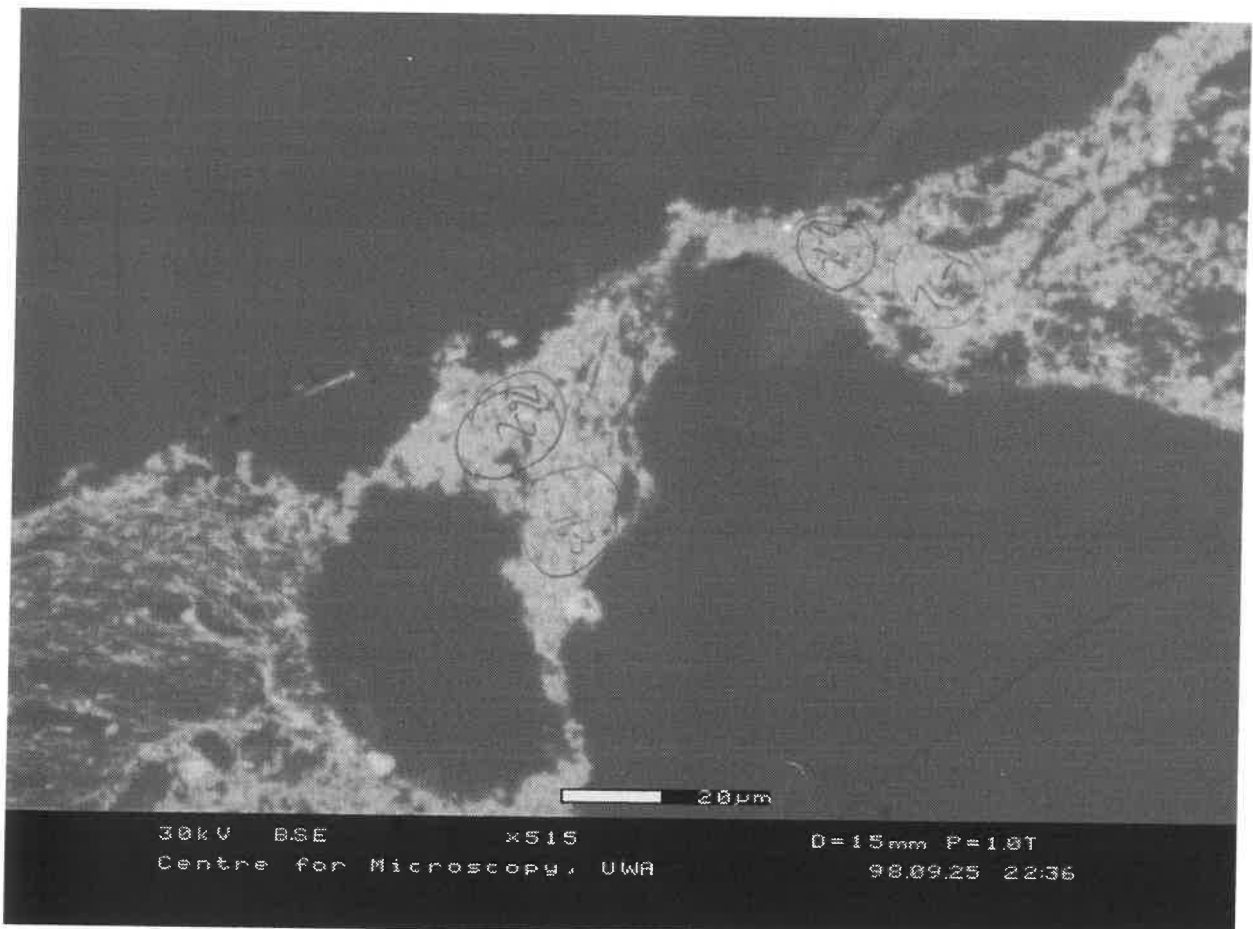


Xenotina (hydrothermal) Disk → Vaal FW TS V1.1

75

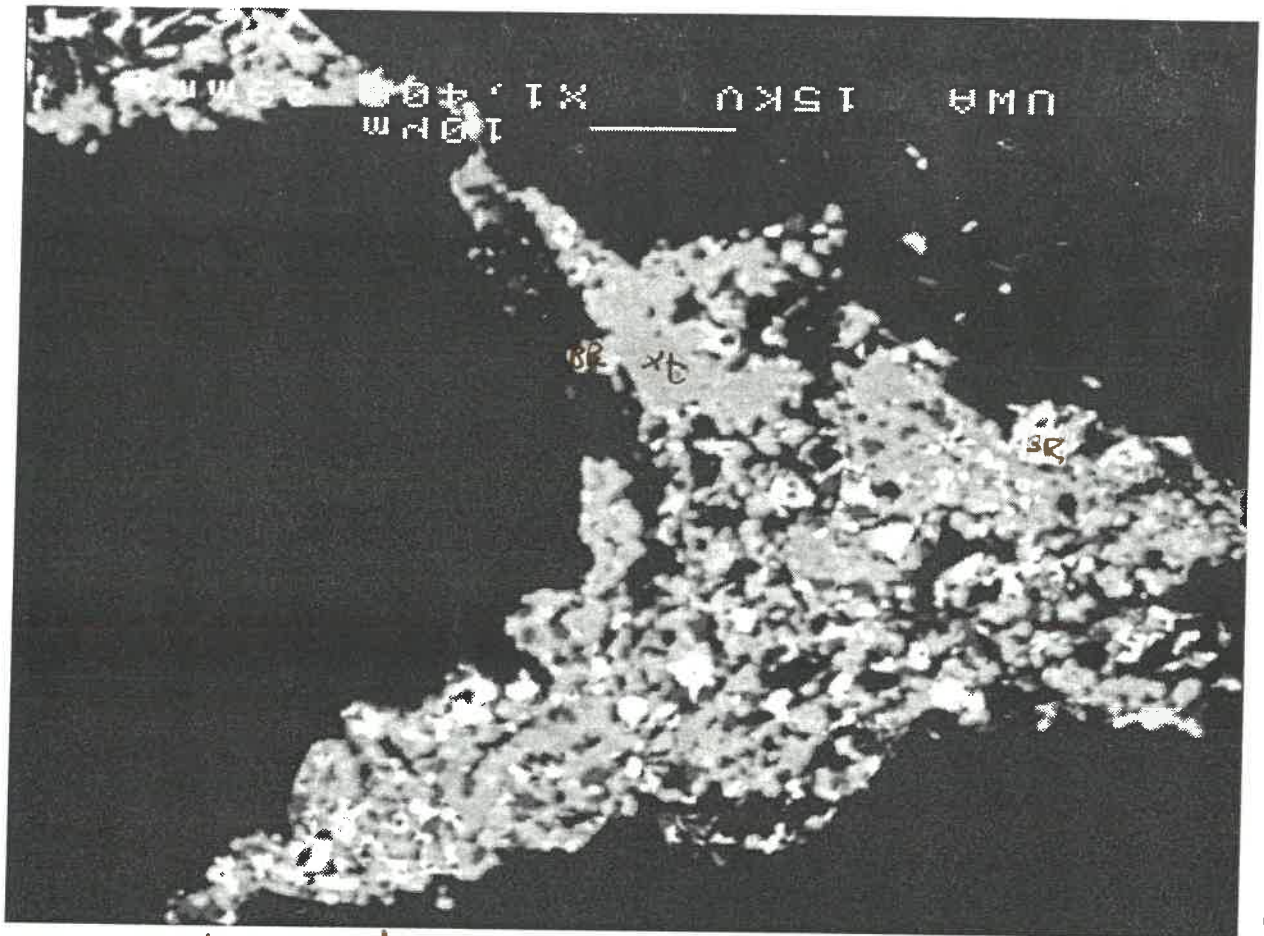


76



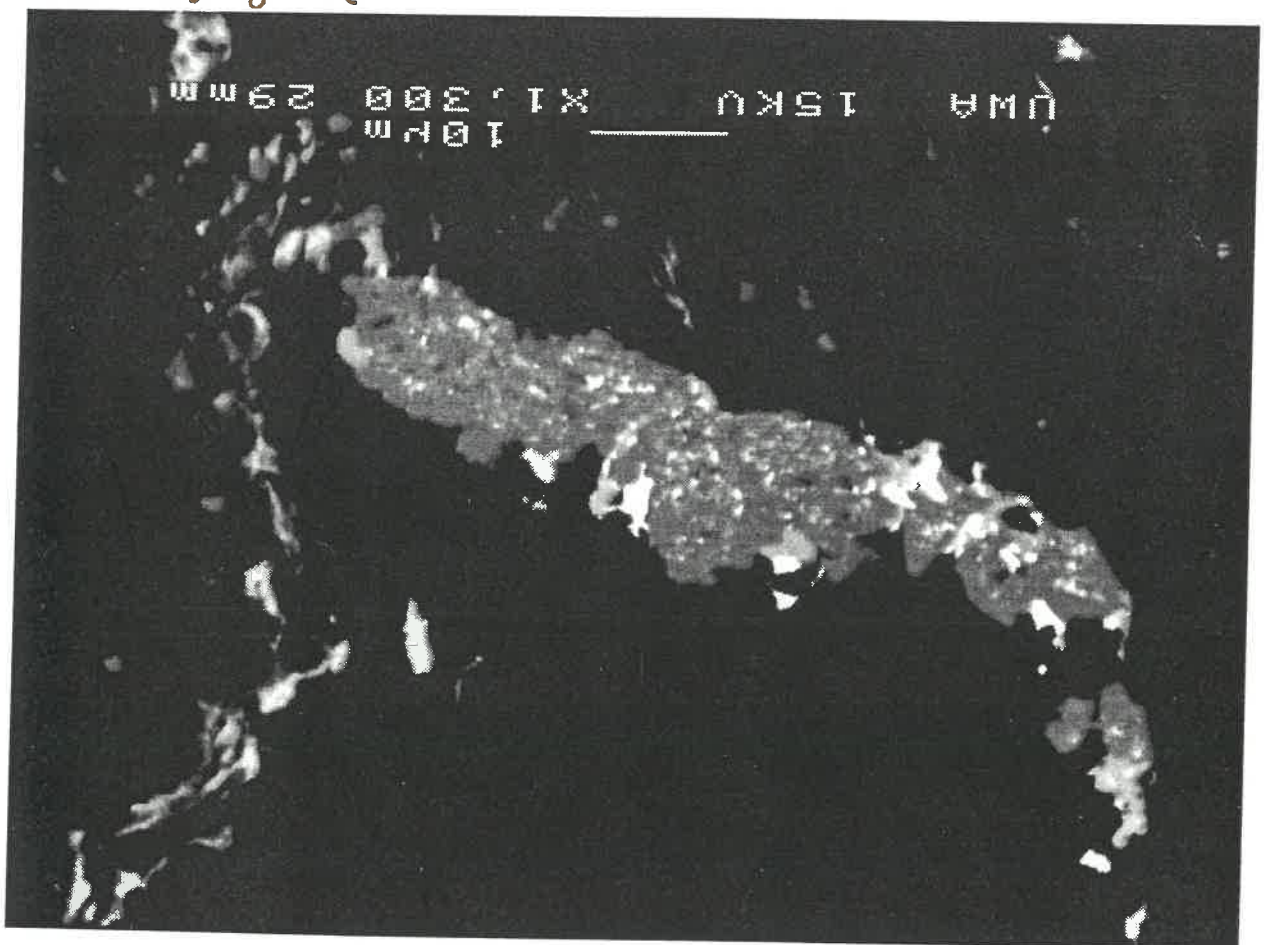
Xenotina

76



300

White = Bracteate
 Gray = xt



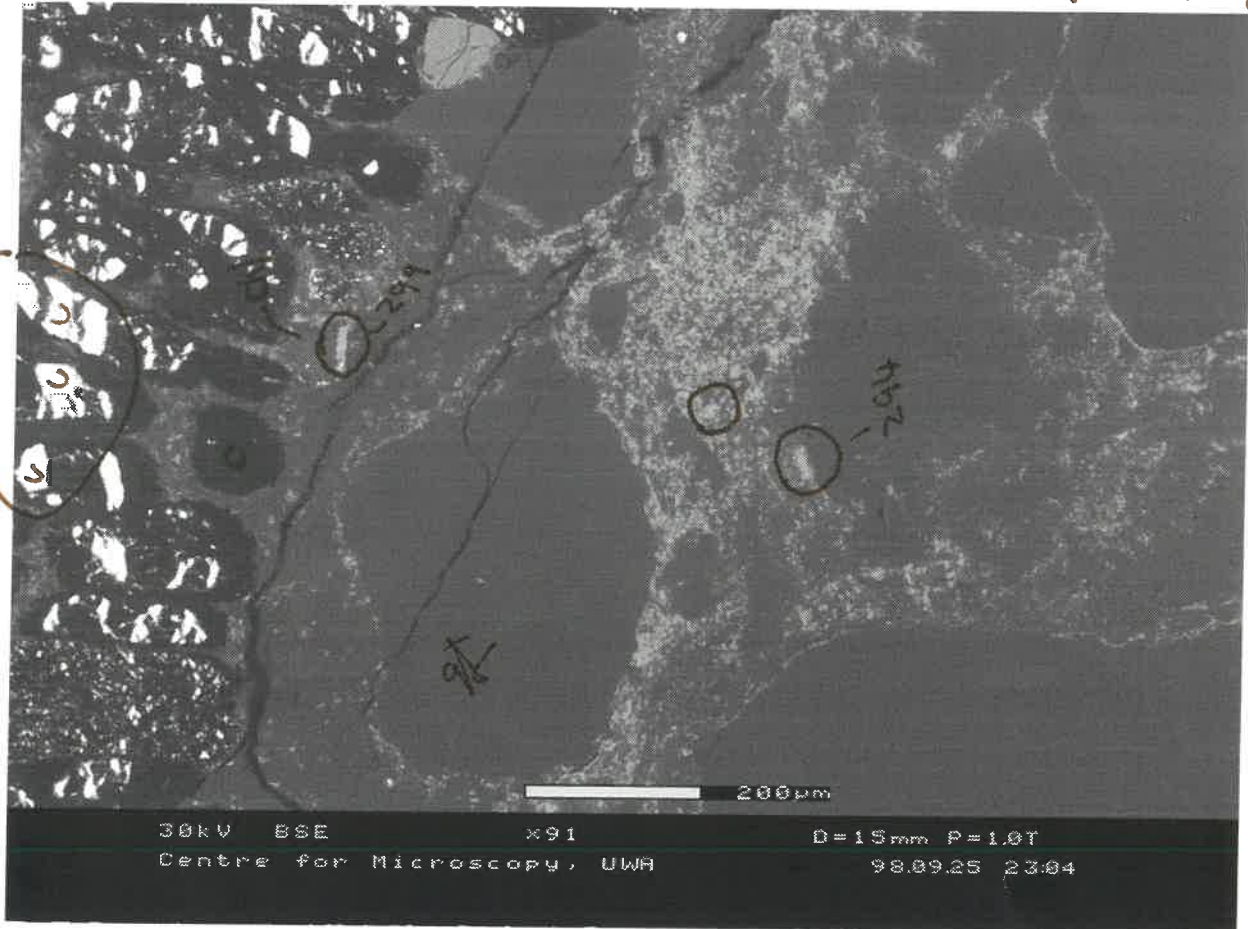
299

JS VI.1

Dick S. Vaal Reef / FW (Uraninite + xt (Hydrothermal))

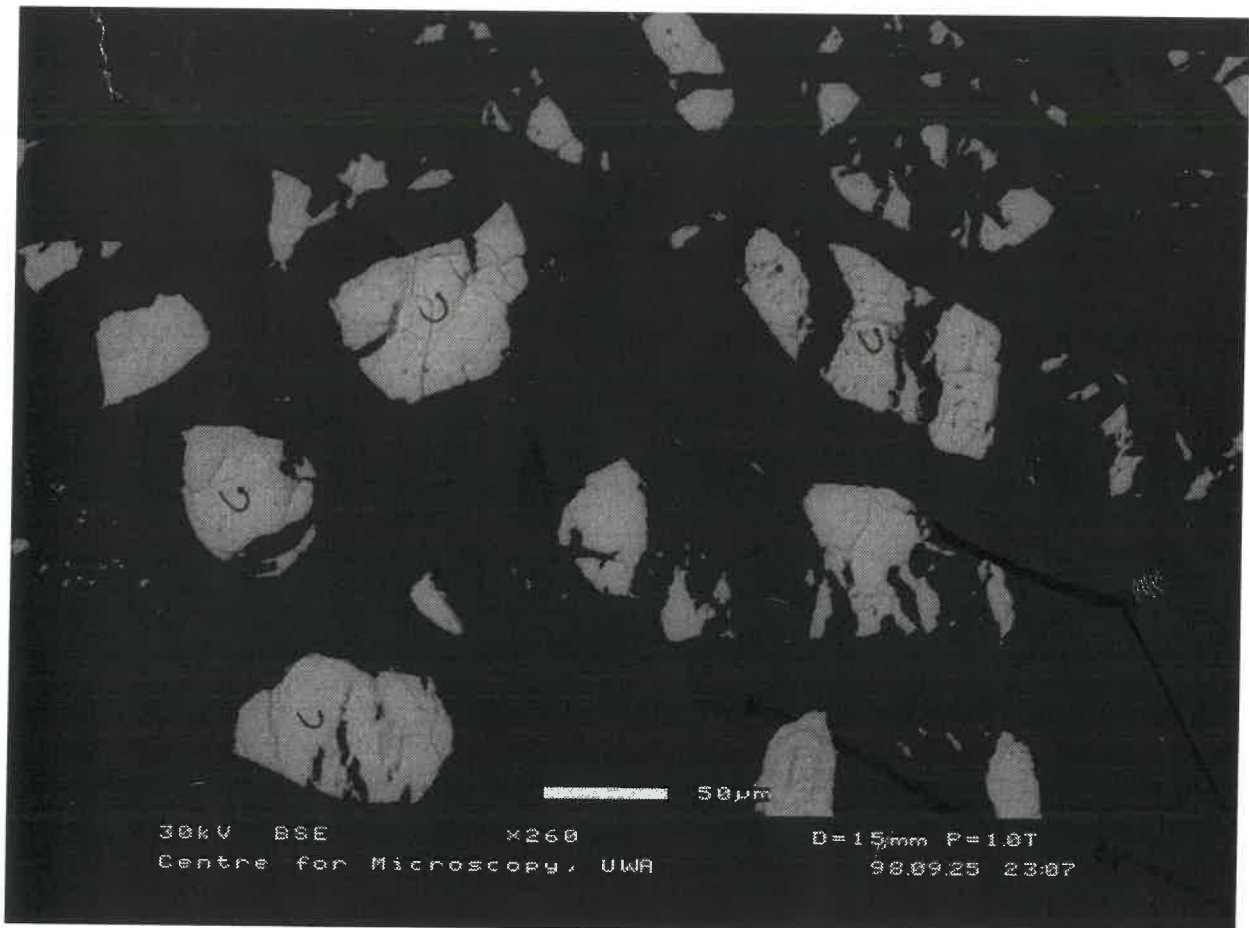
81

82



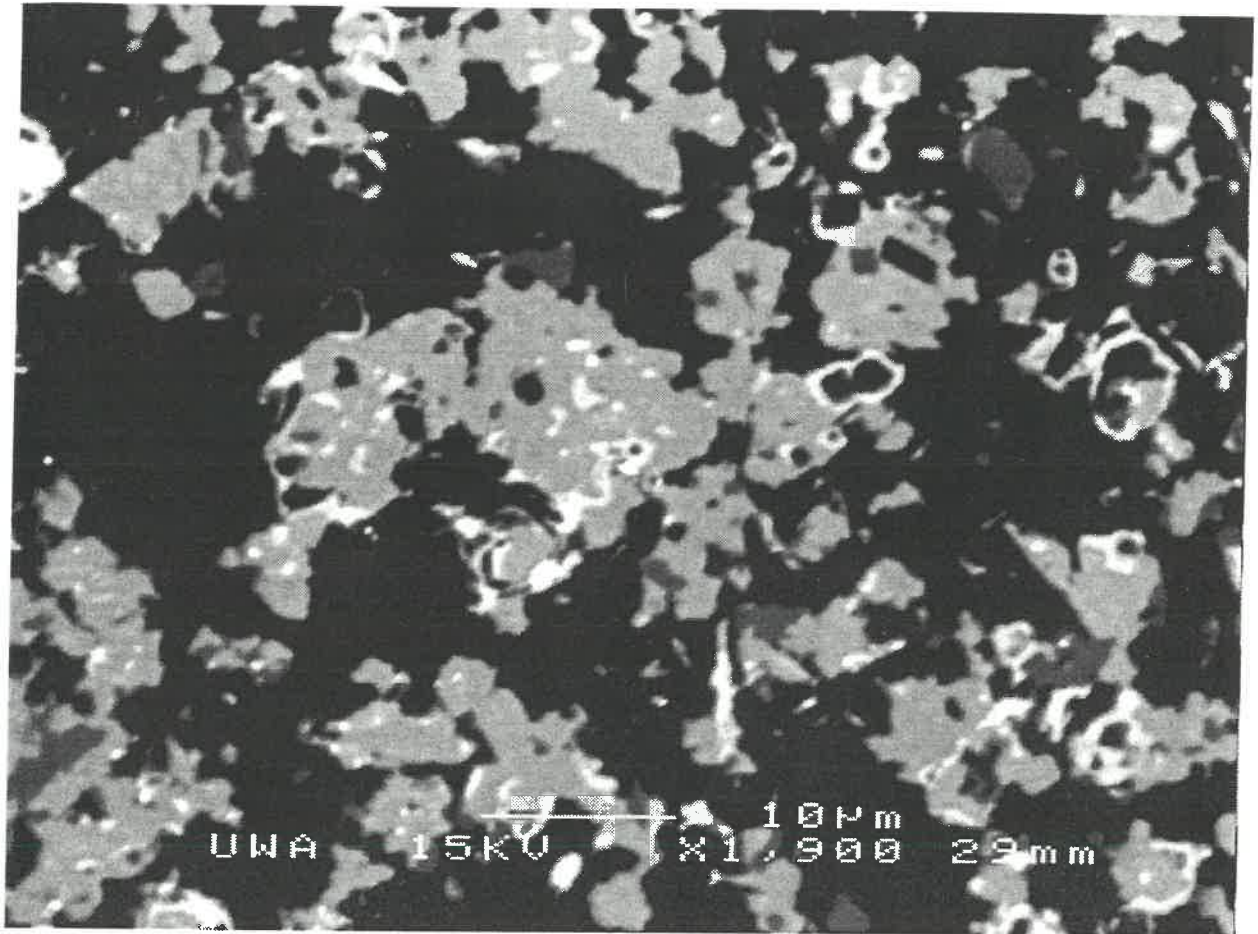
C = Carbonite
Chl = chlorite
U = Uraninite

82

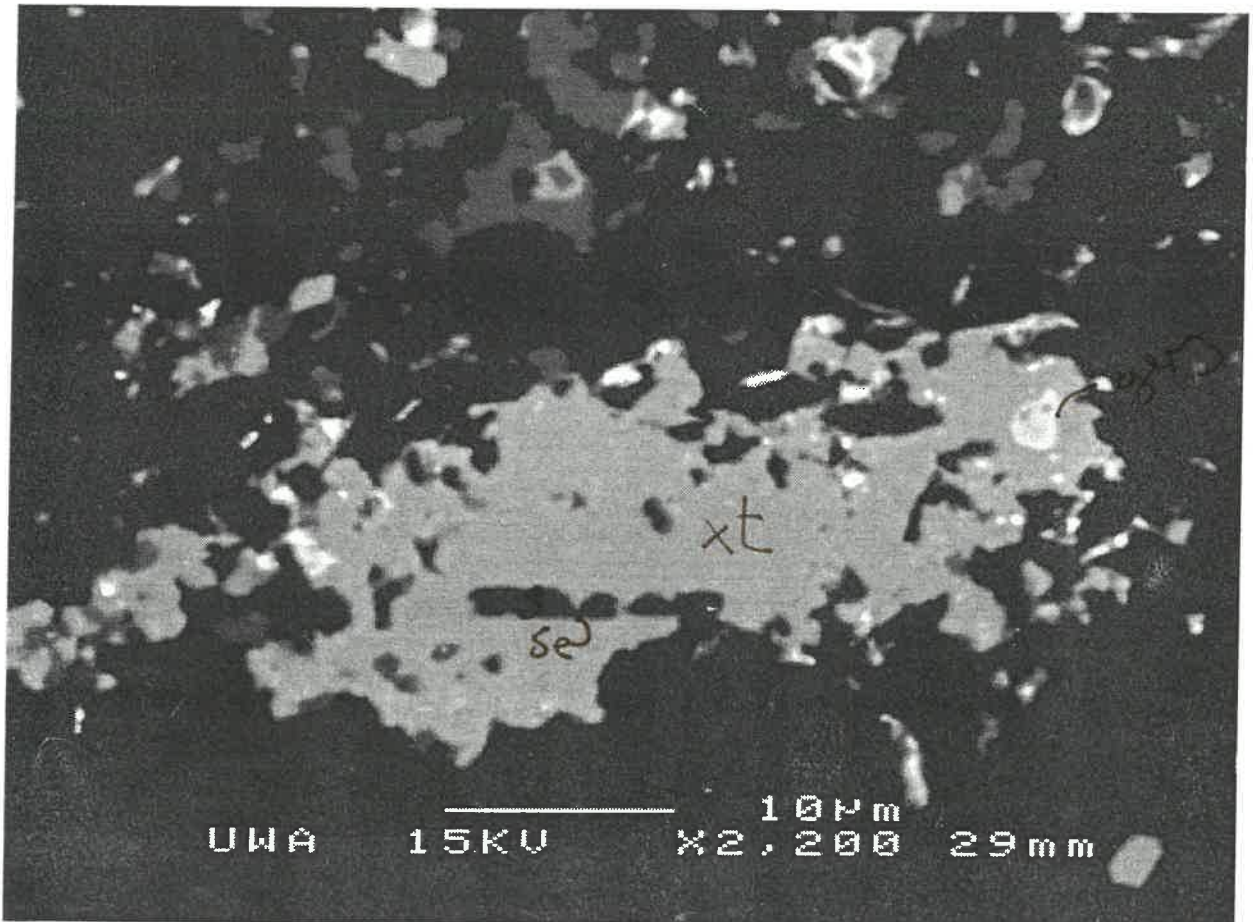


(82) Uraninites in carbon

293



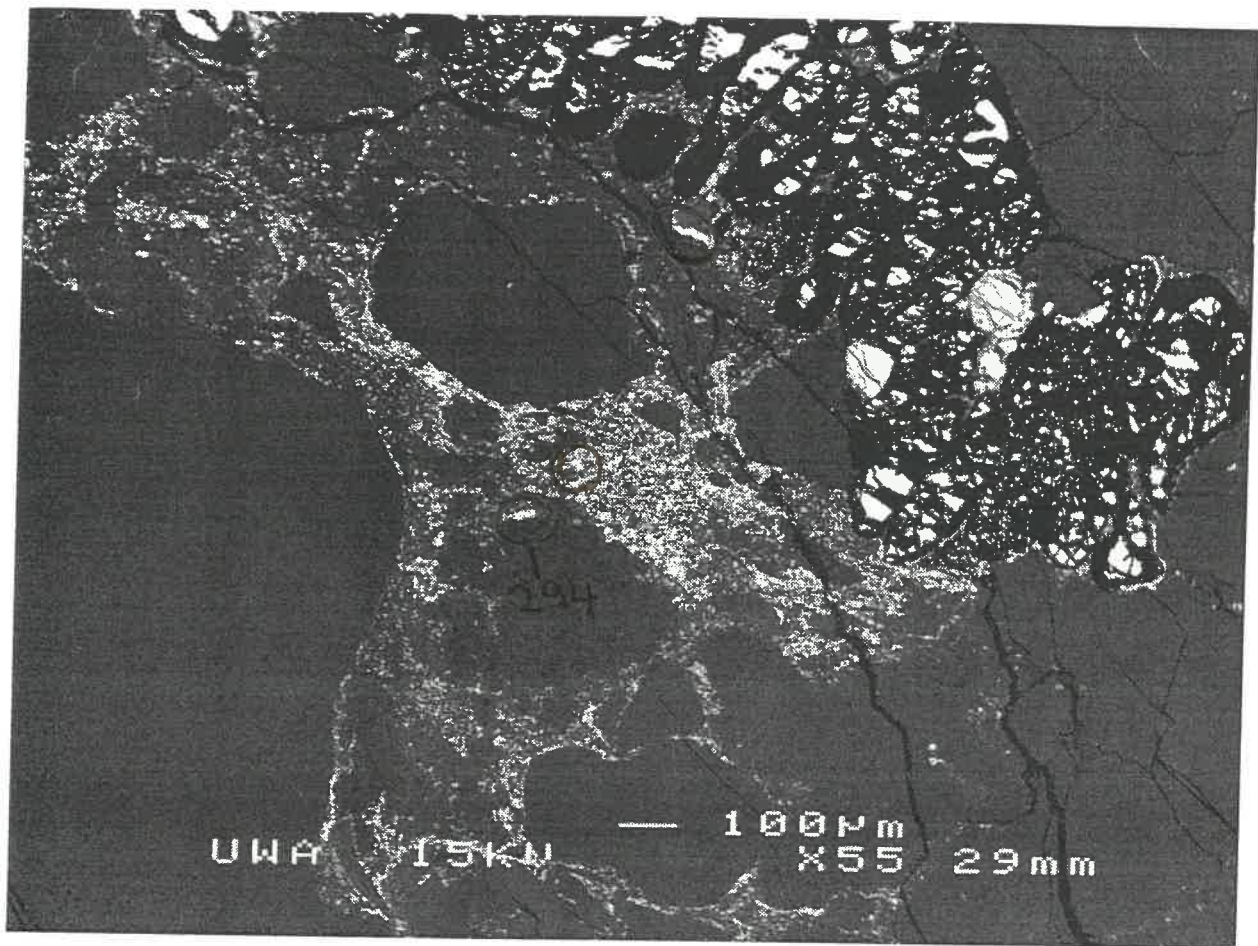
294



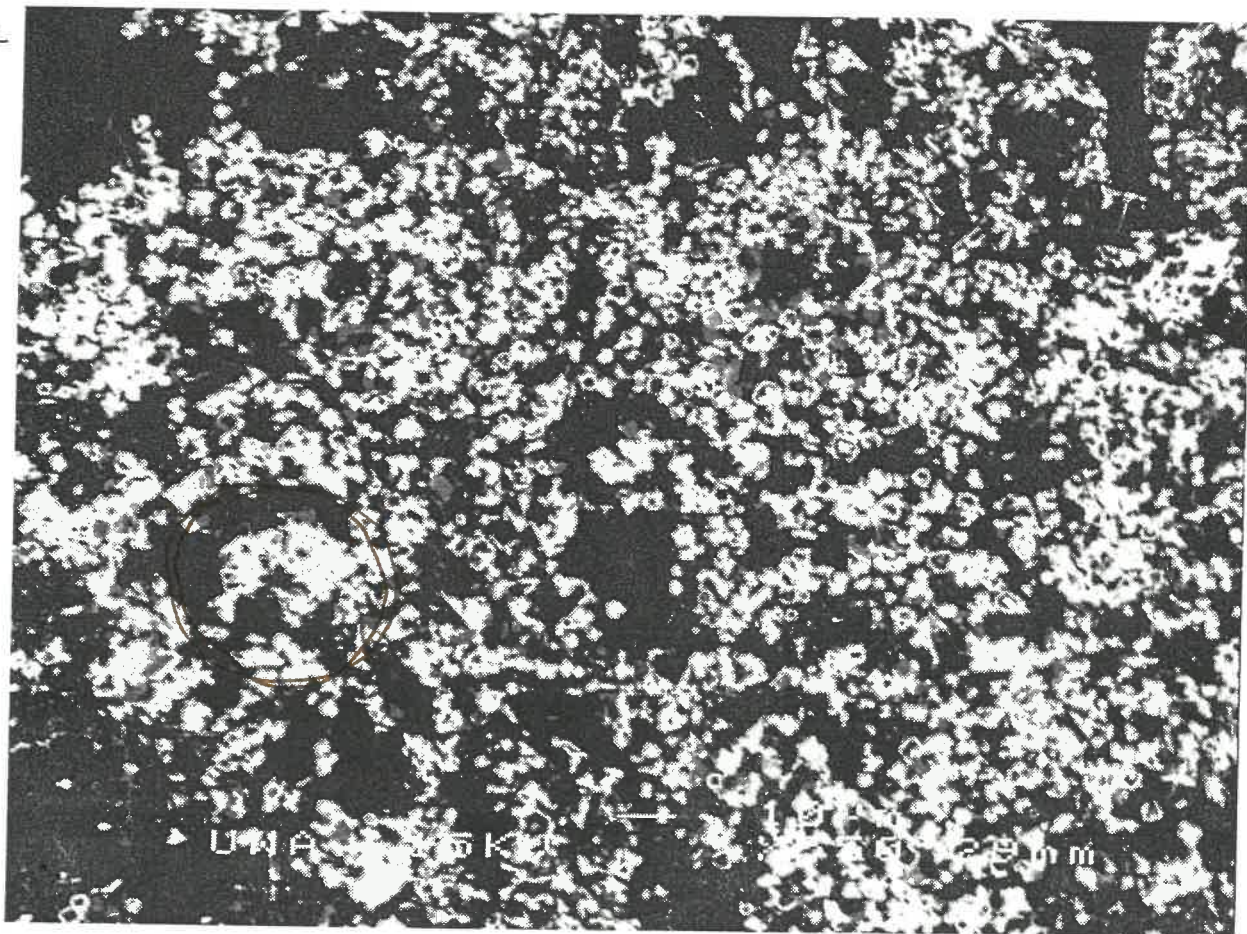
xt = xenotime (Hydrothermal)

*gens = gersdorffite
se = sericite*

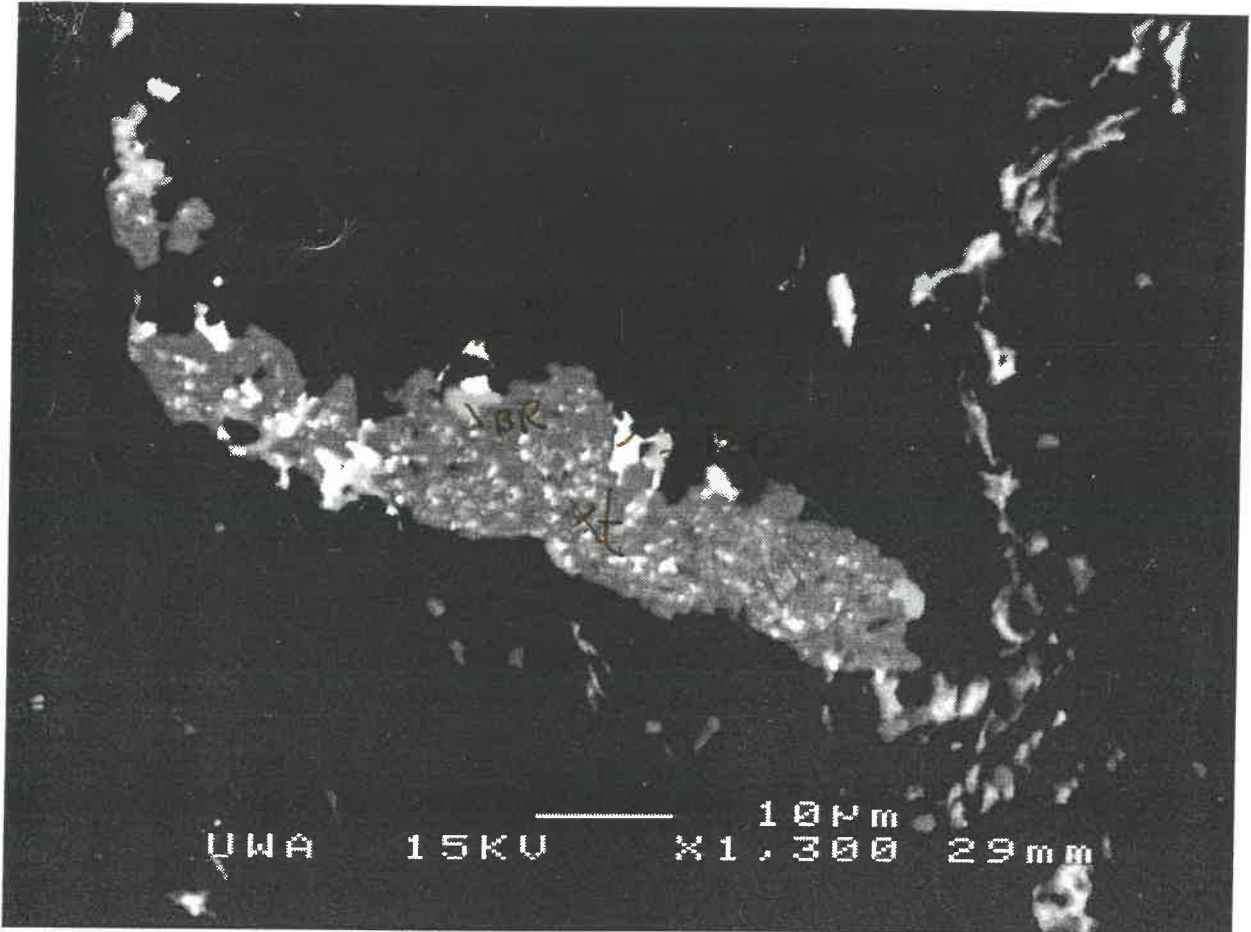
291



292

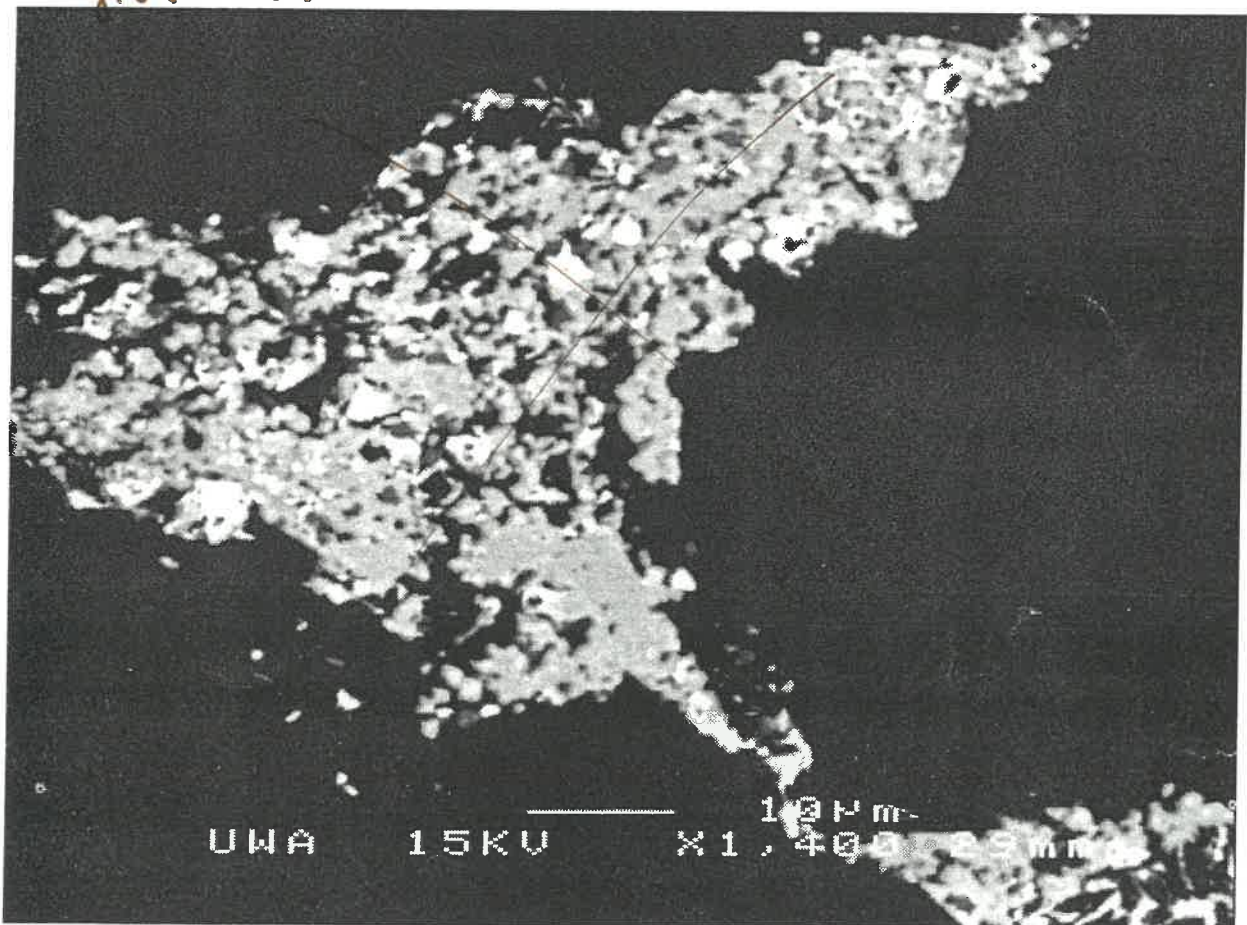


299



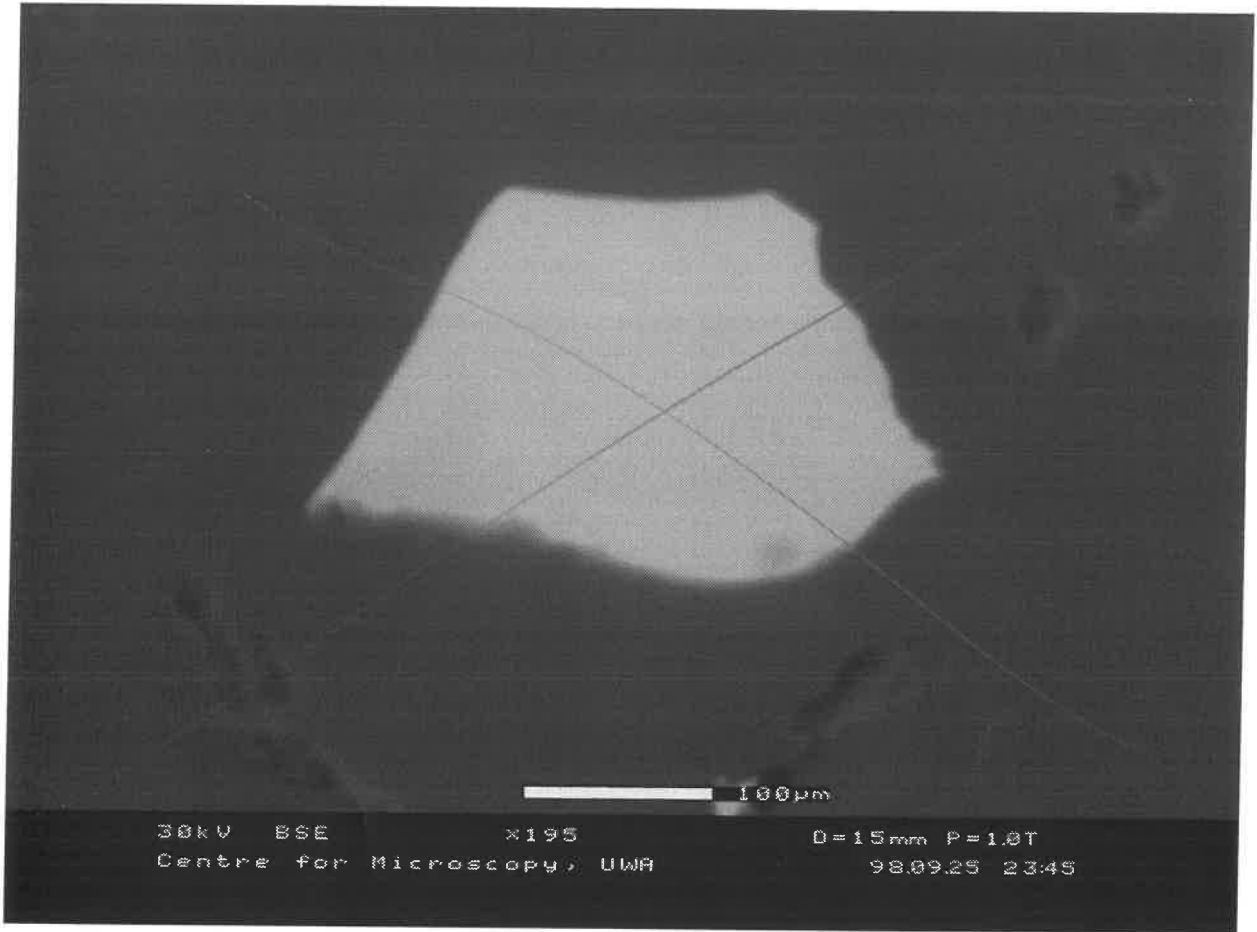
Xt = xenotime
 from 299
 Bright spots = Bromite BR / ~~galena~~ galena gl

300

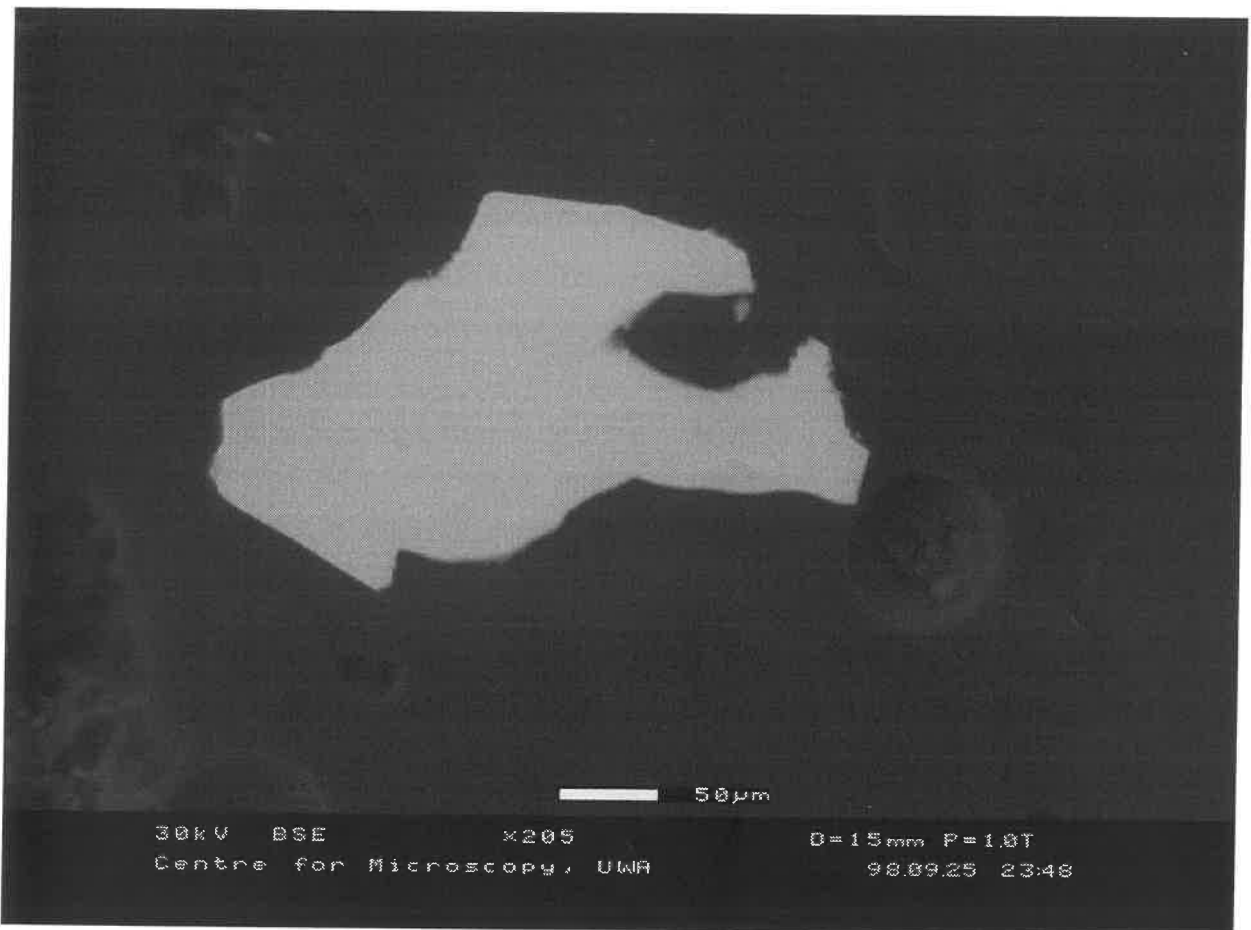


Standards

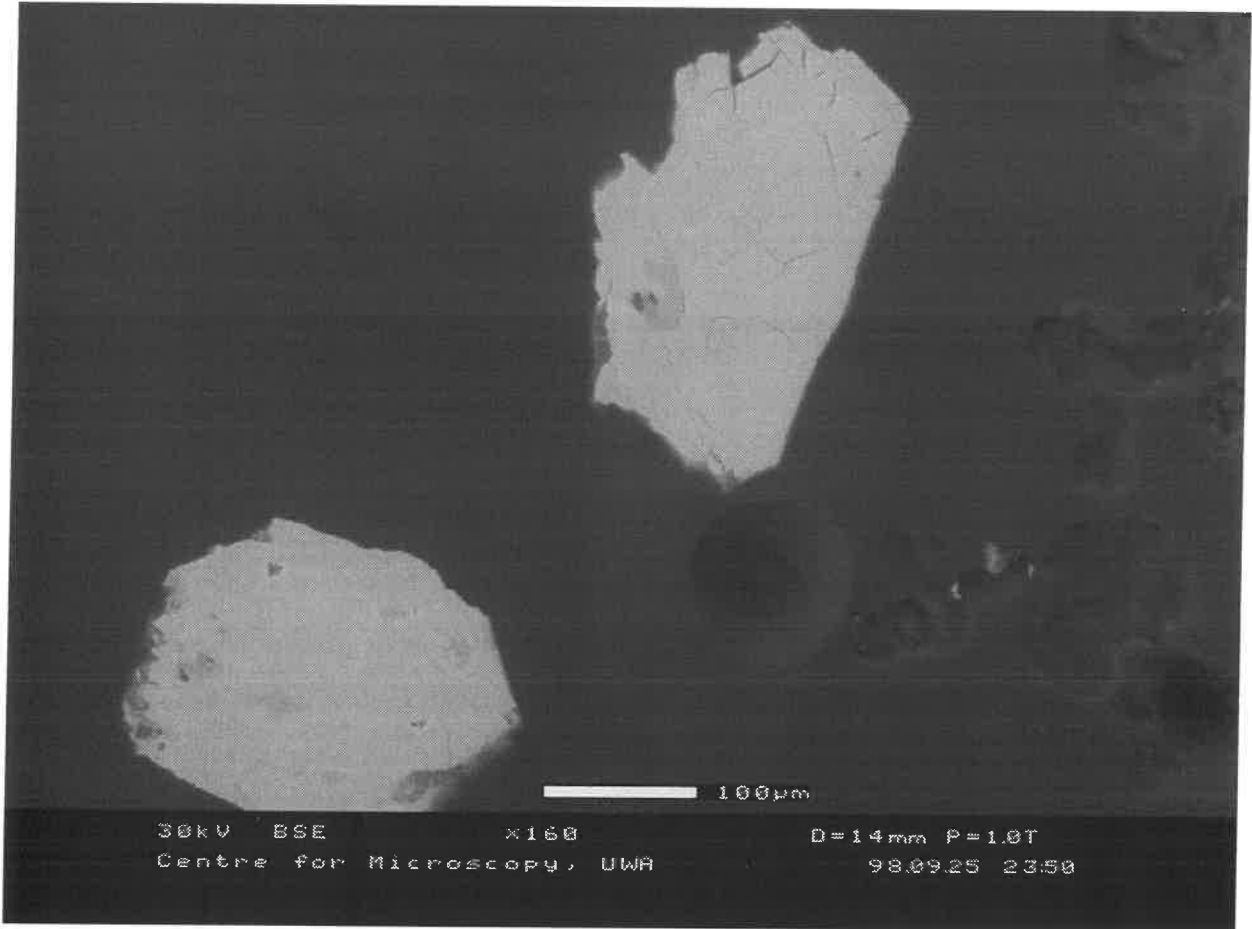
93



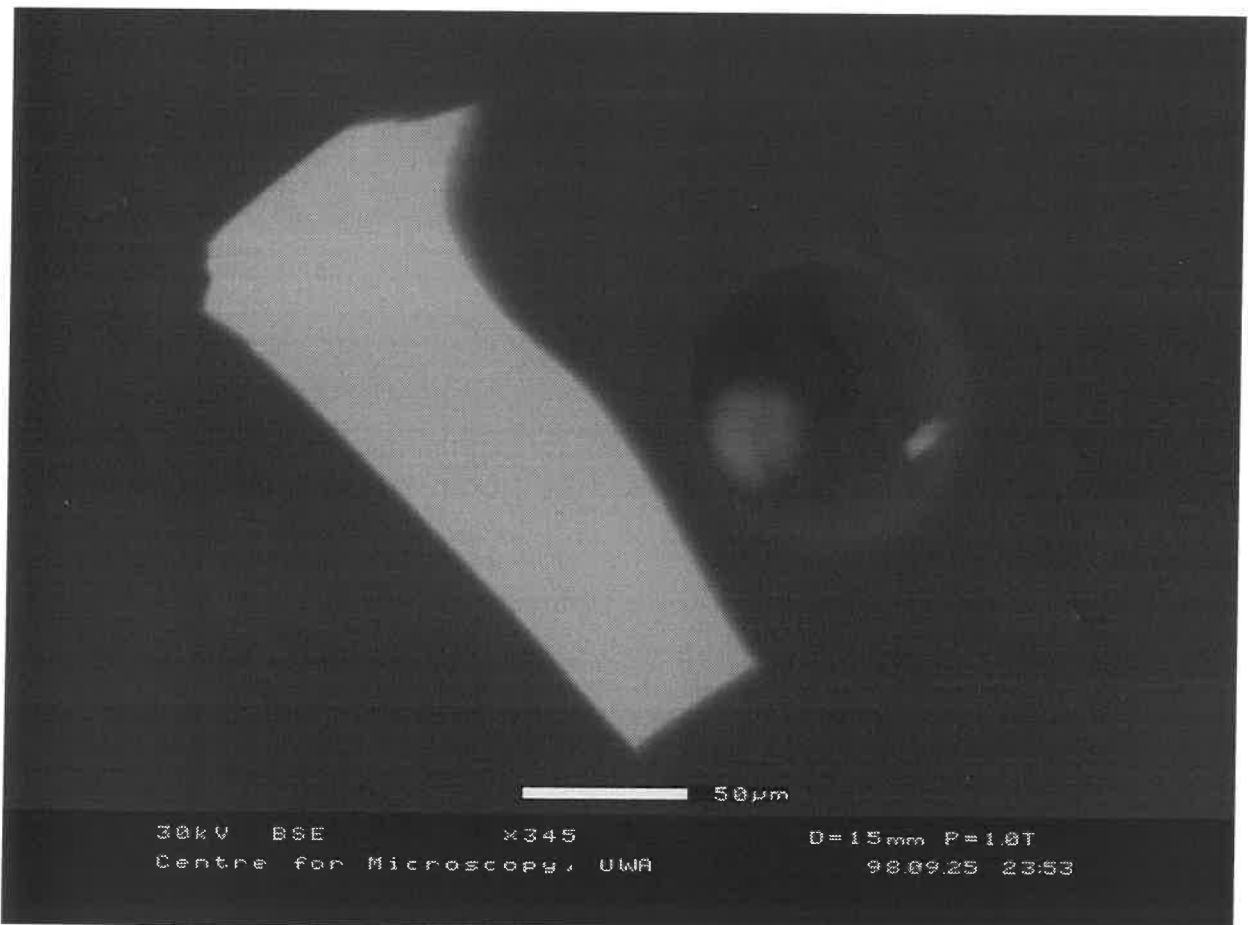
94



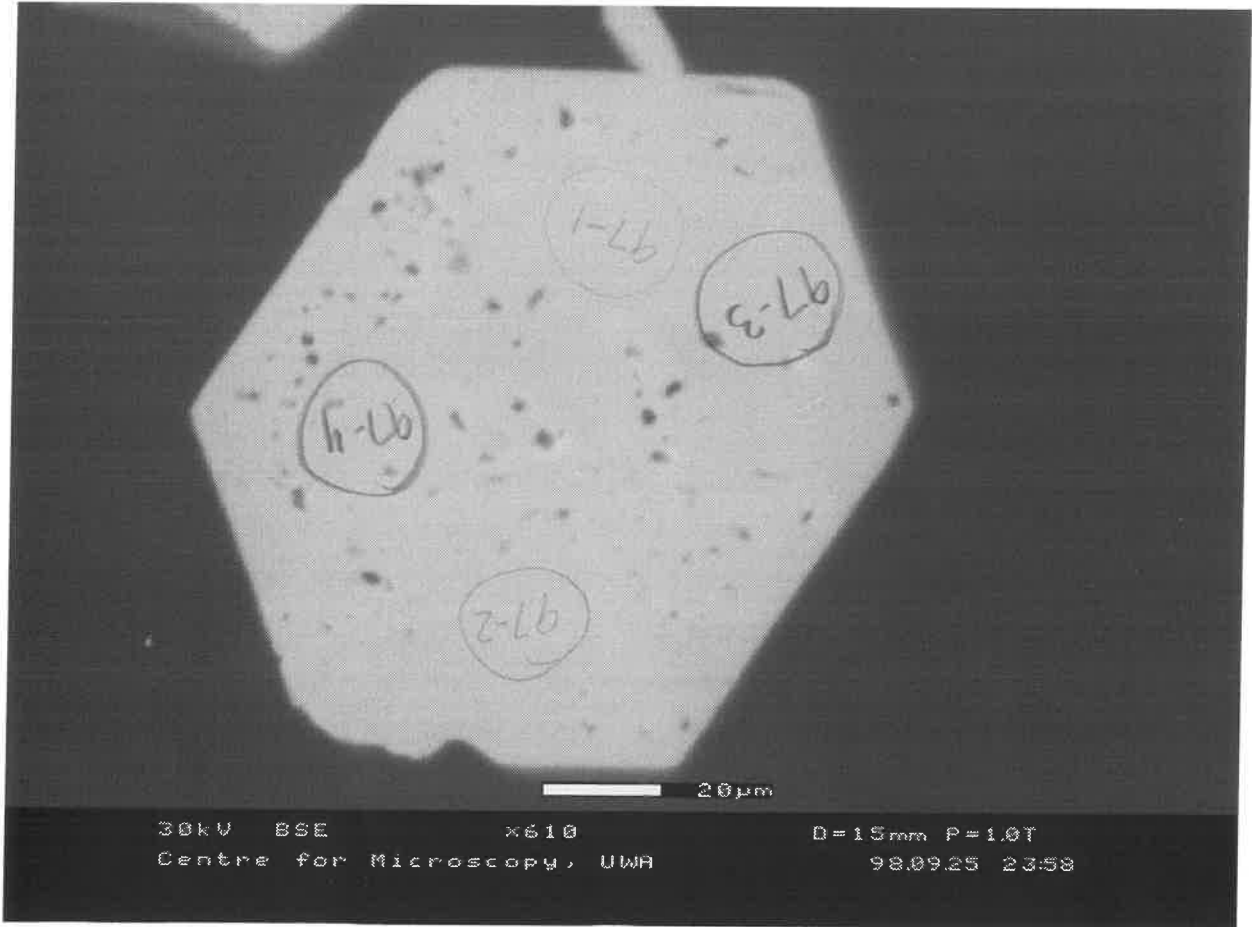
95



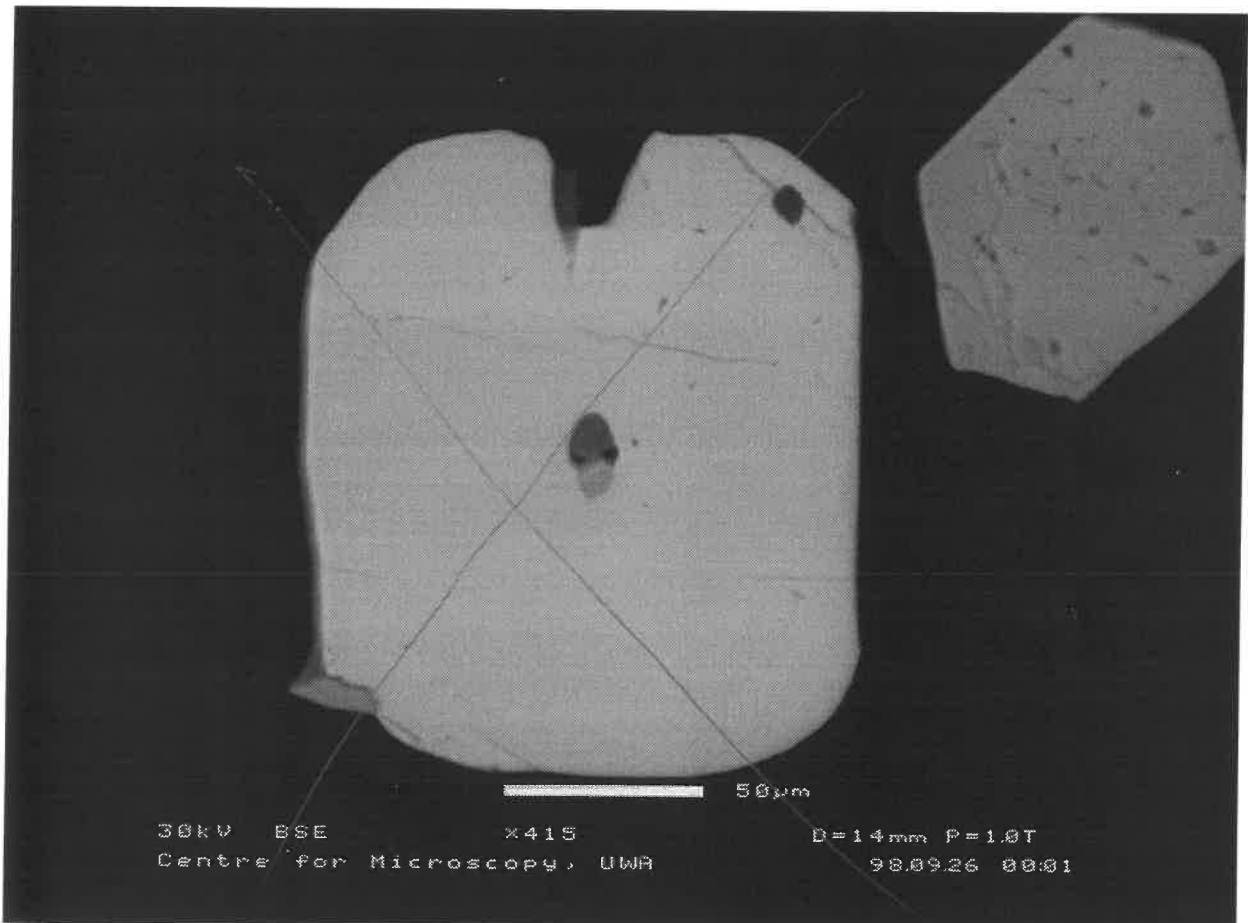
96



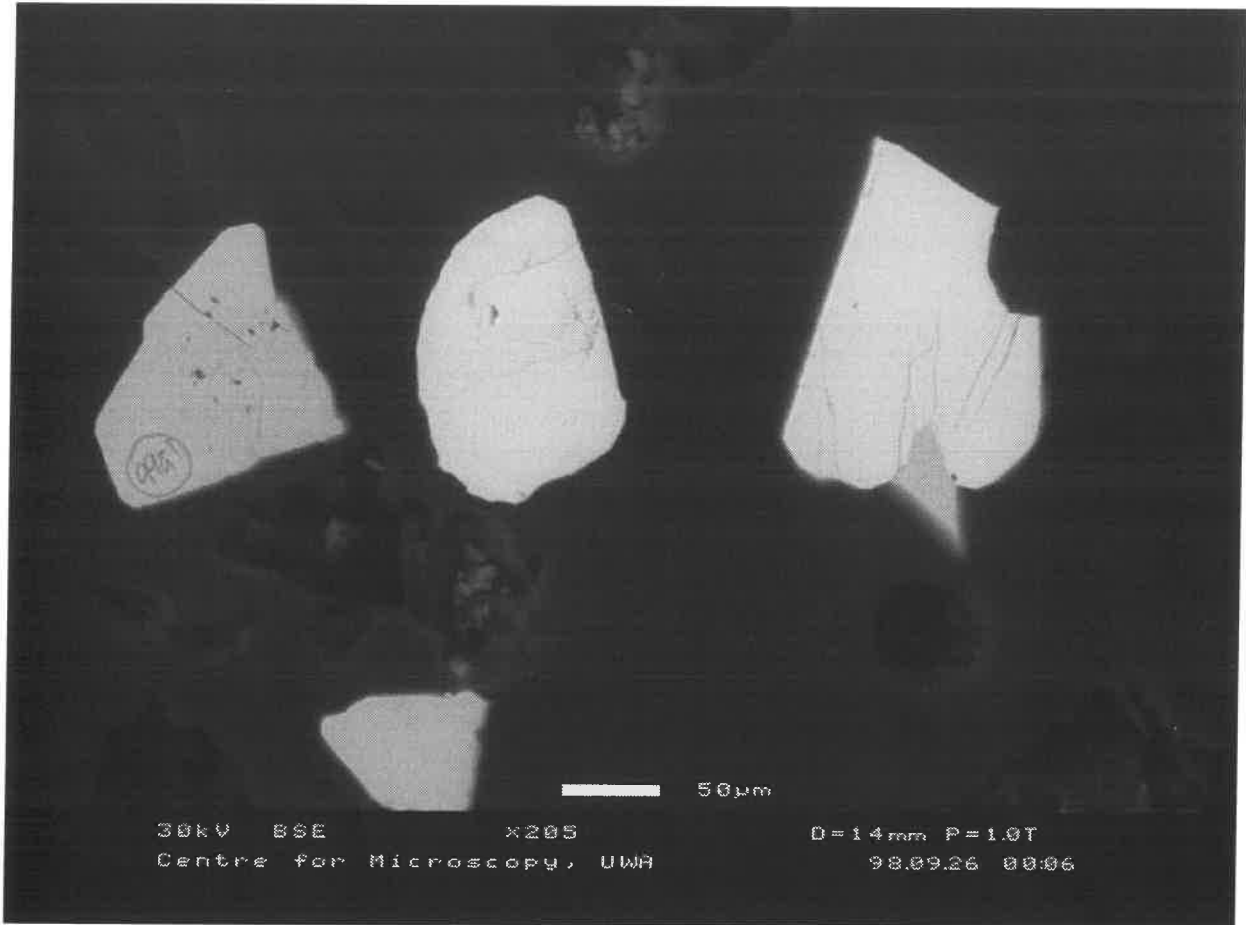
97



98



94



100



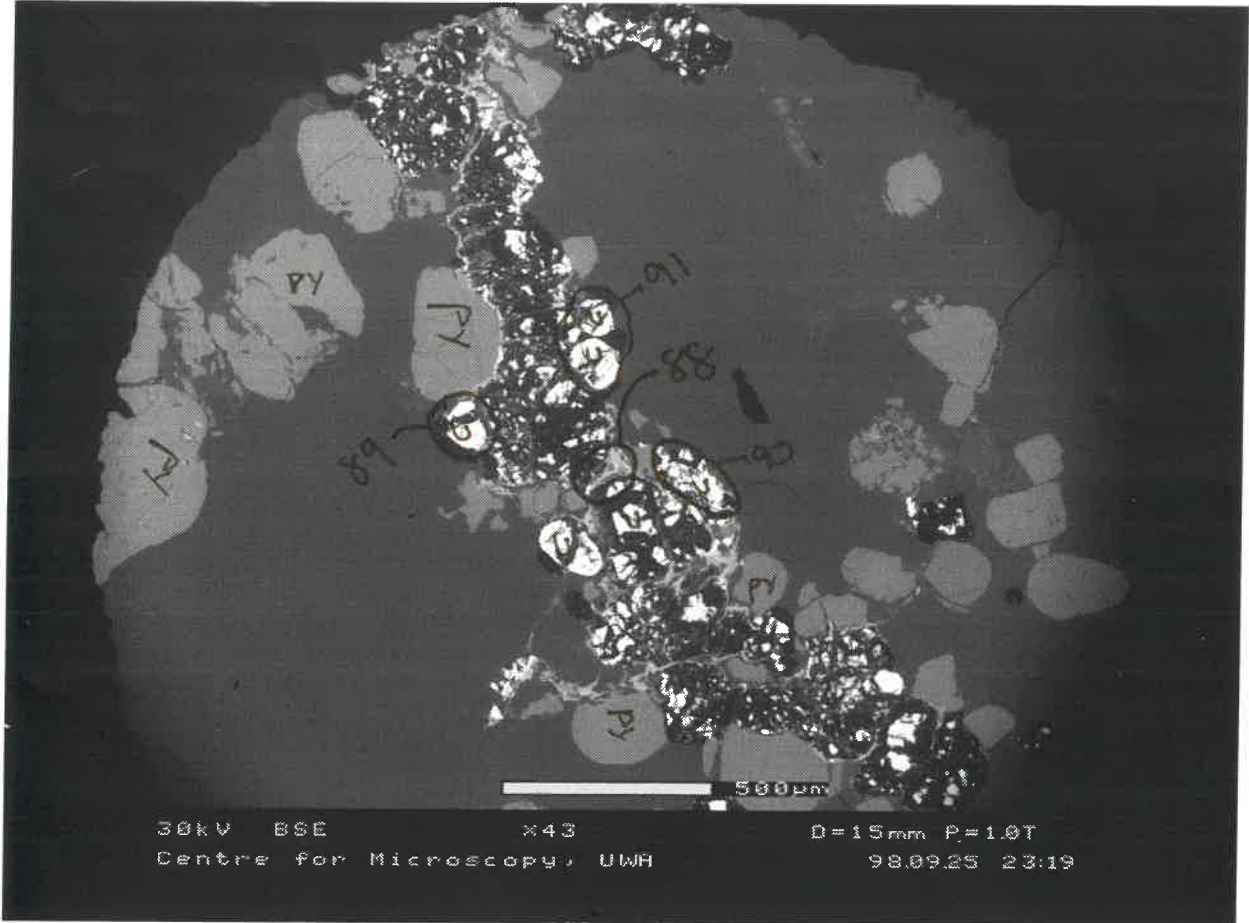
Steyn Reef
T.S. GEO16

Slide 2

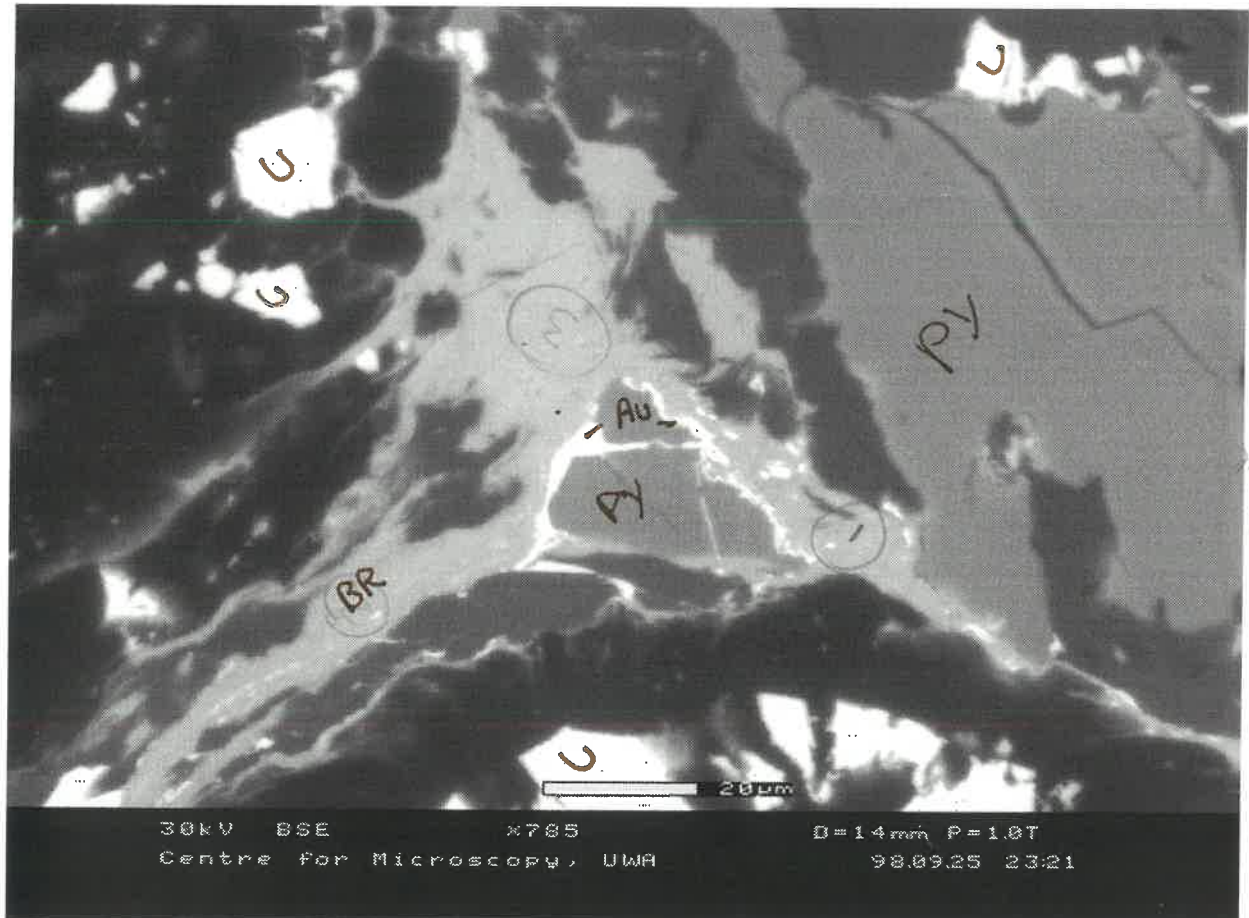
Steyn

Brannerite/Uraninite

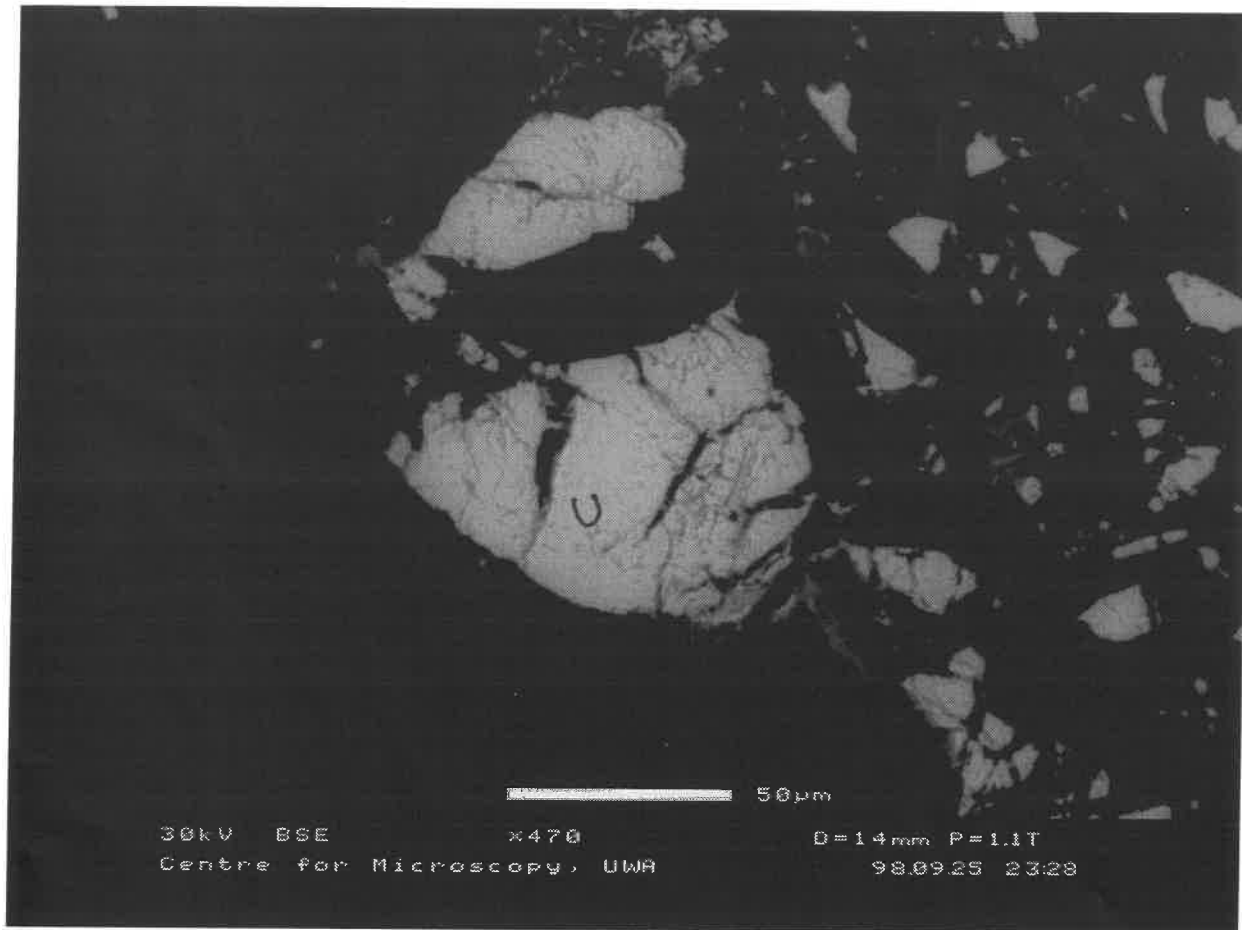
88



88

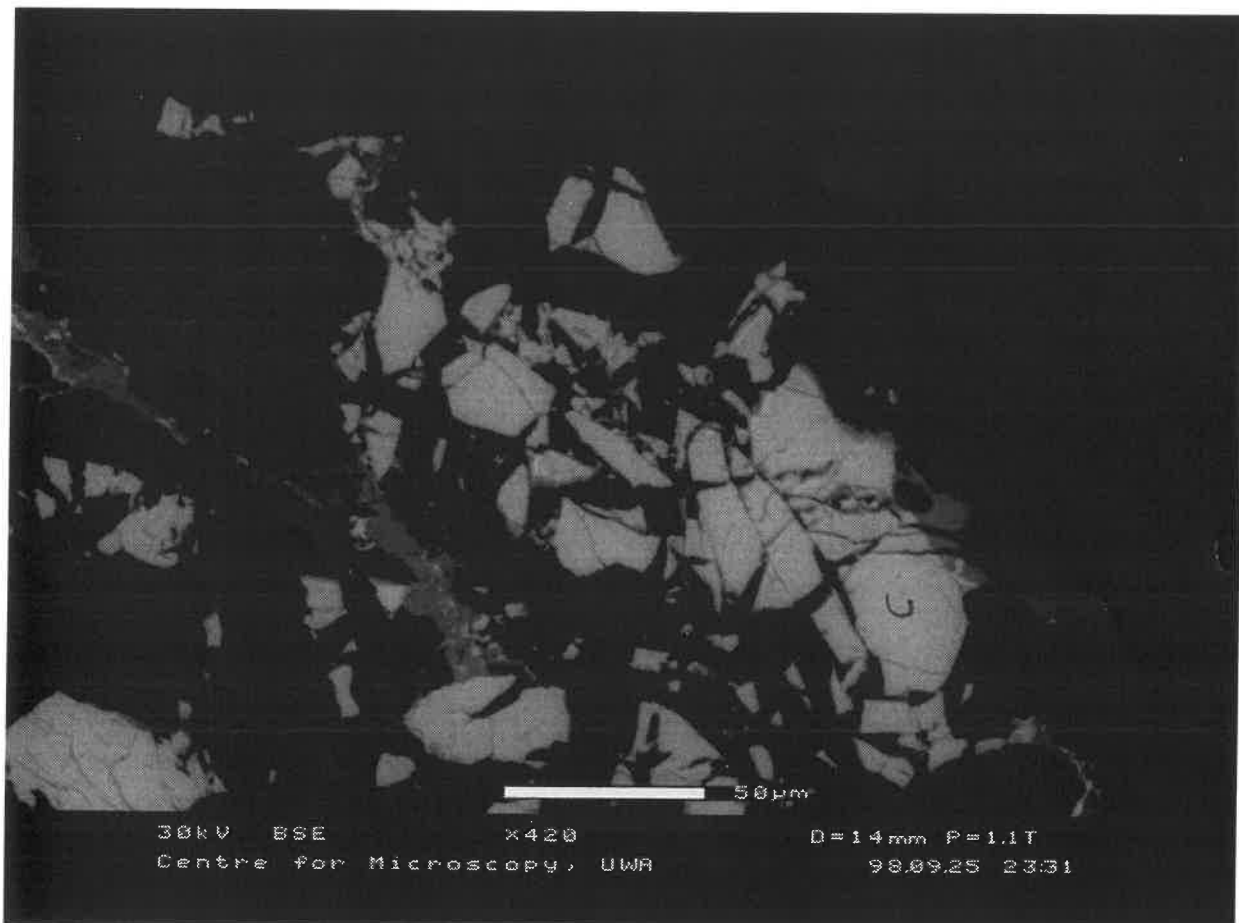


88



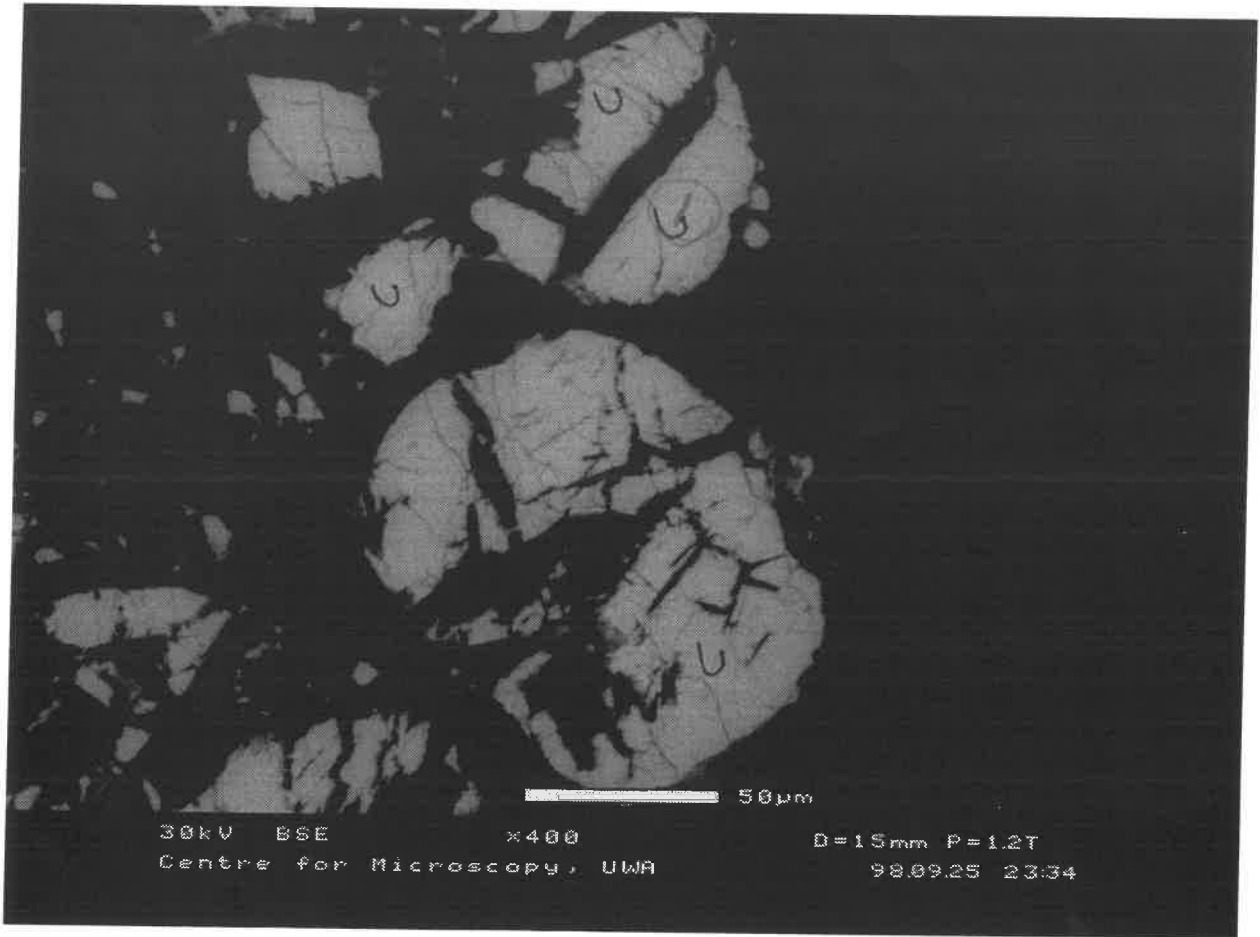
Uraninite (88)

89

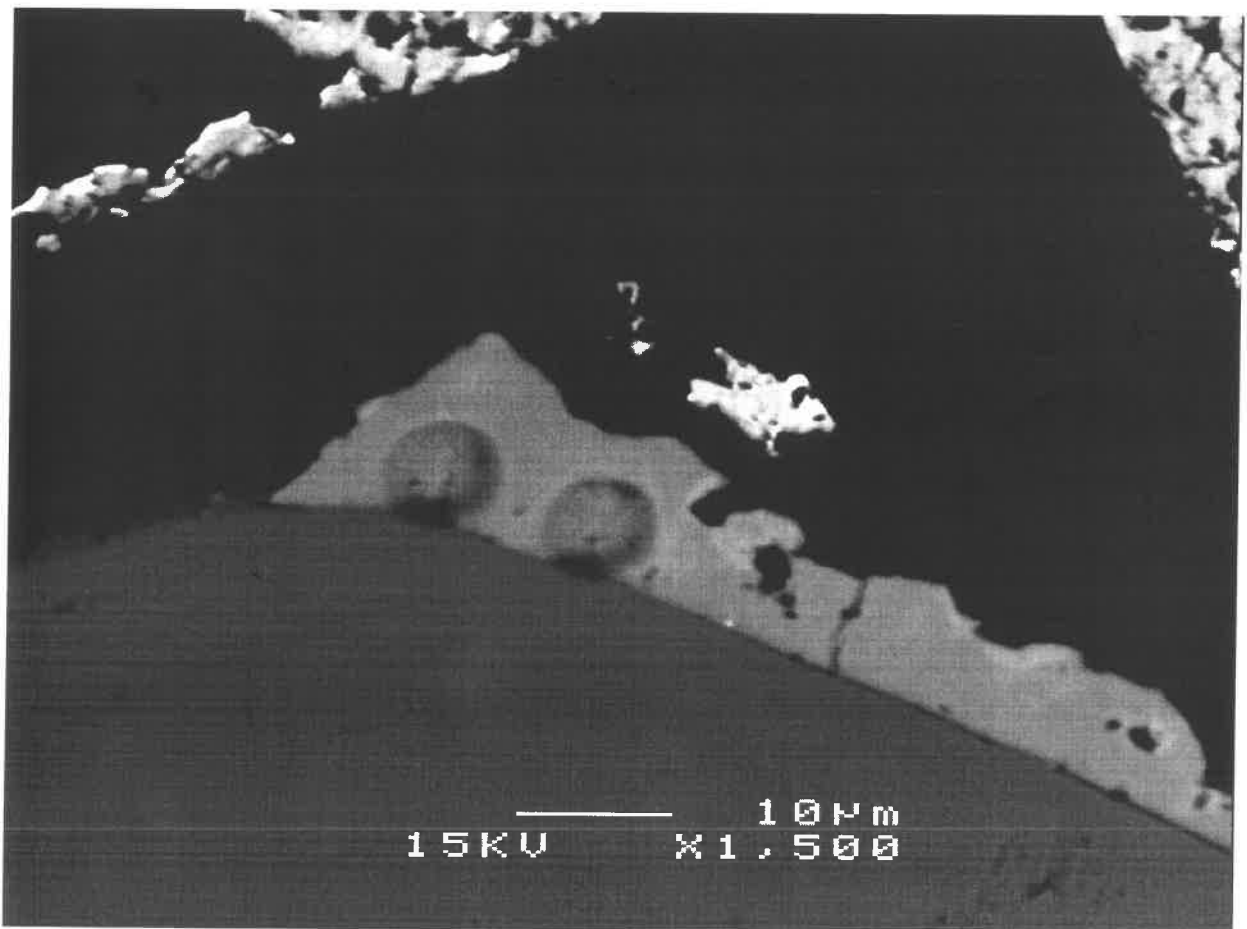
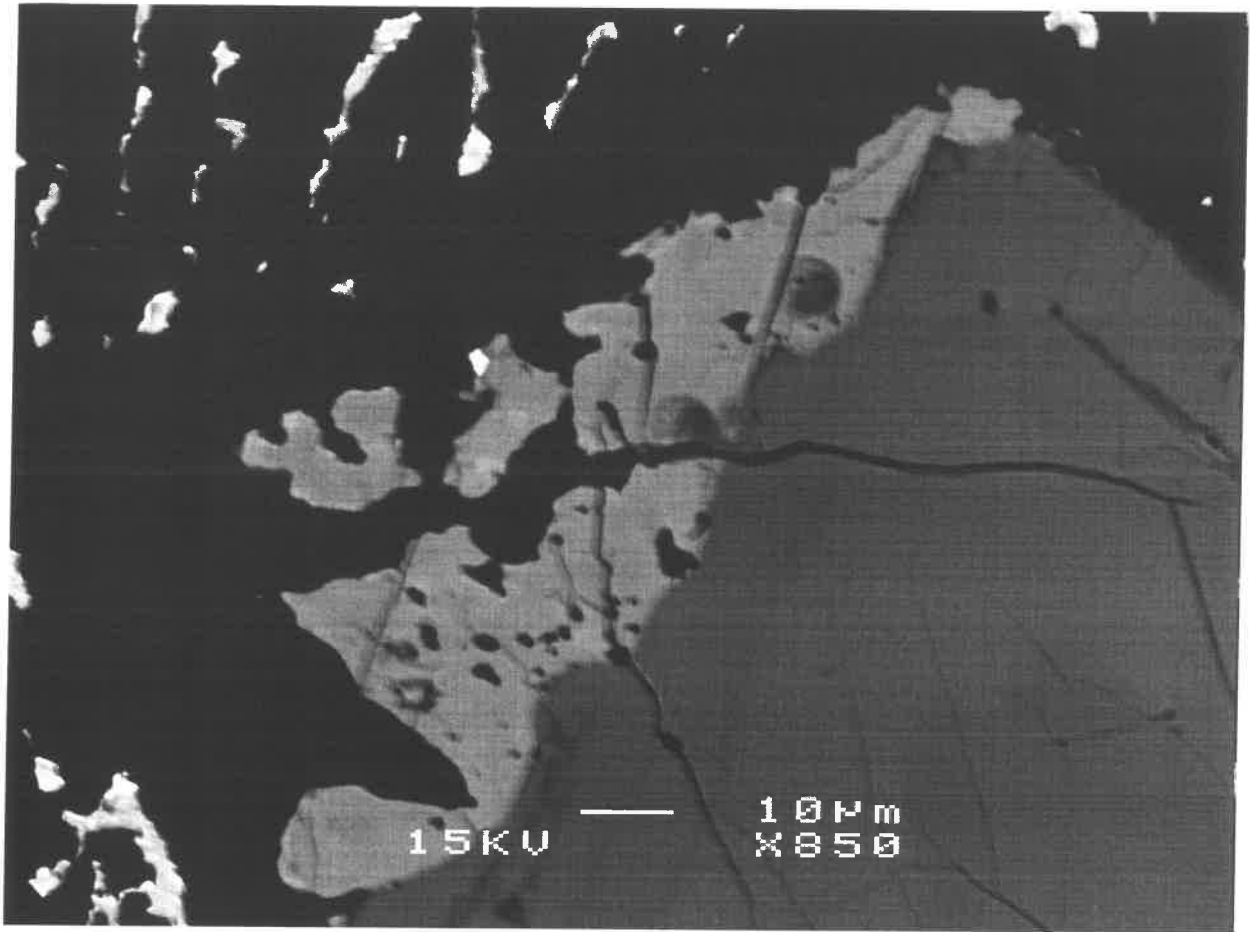


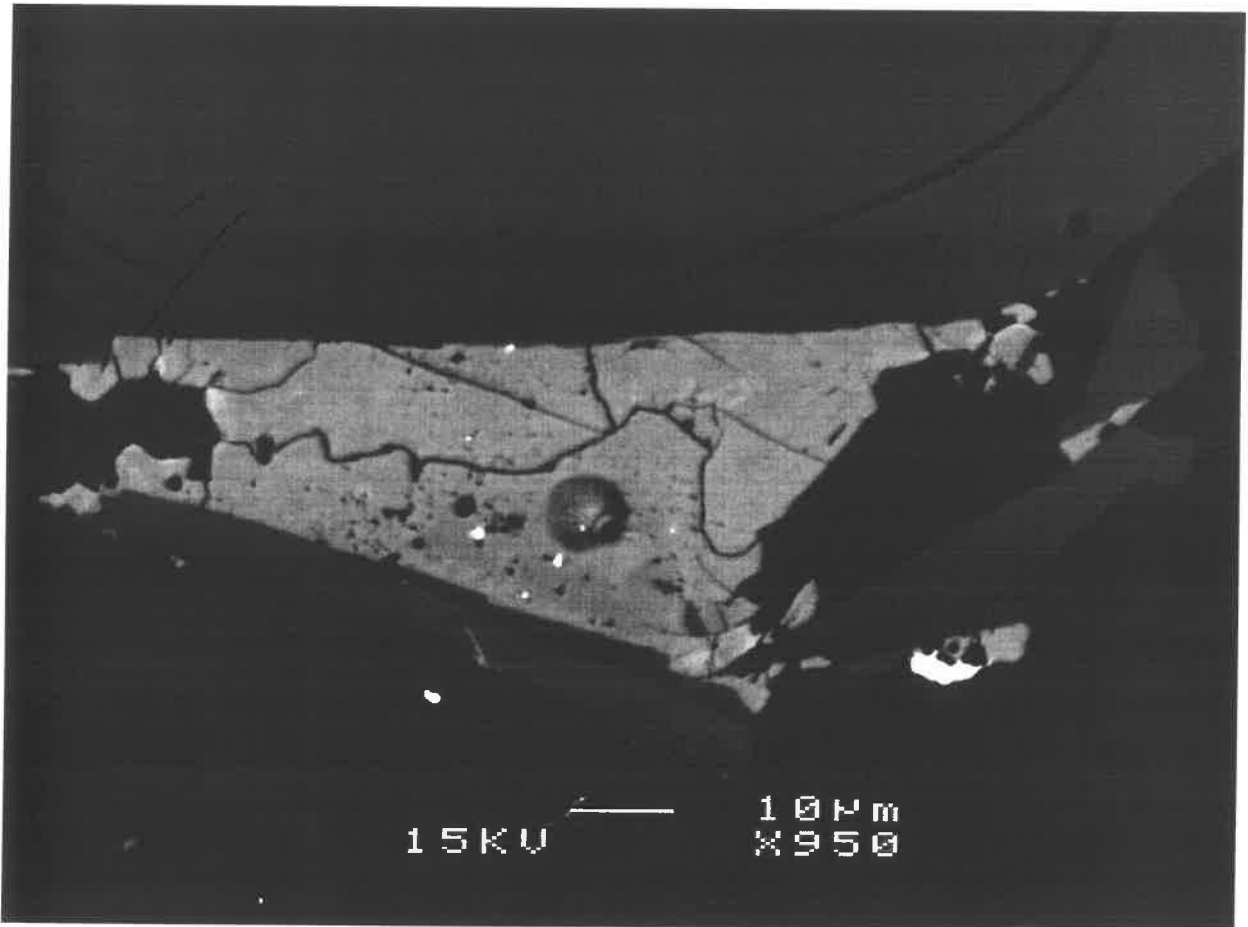
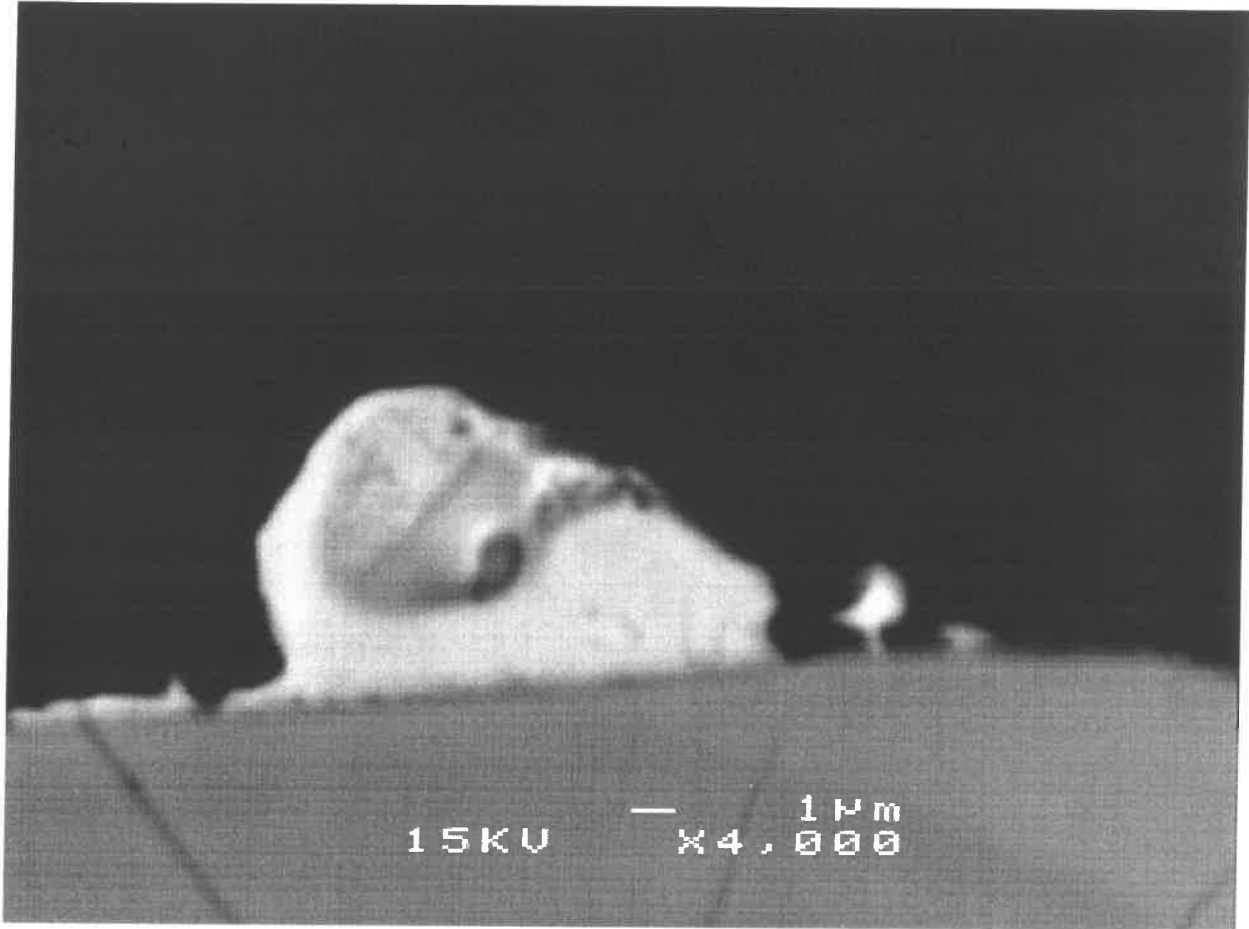
Uraninite 90

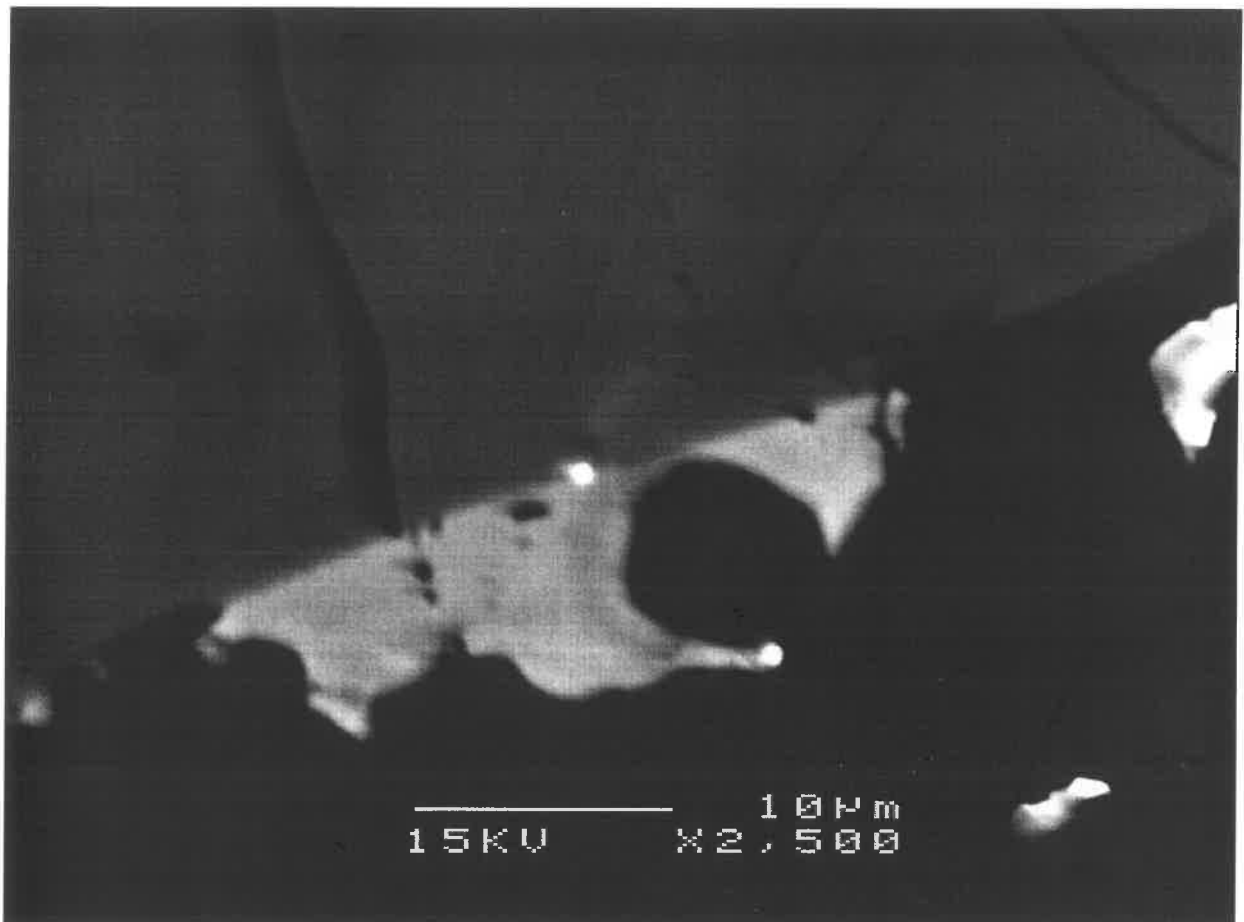
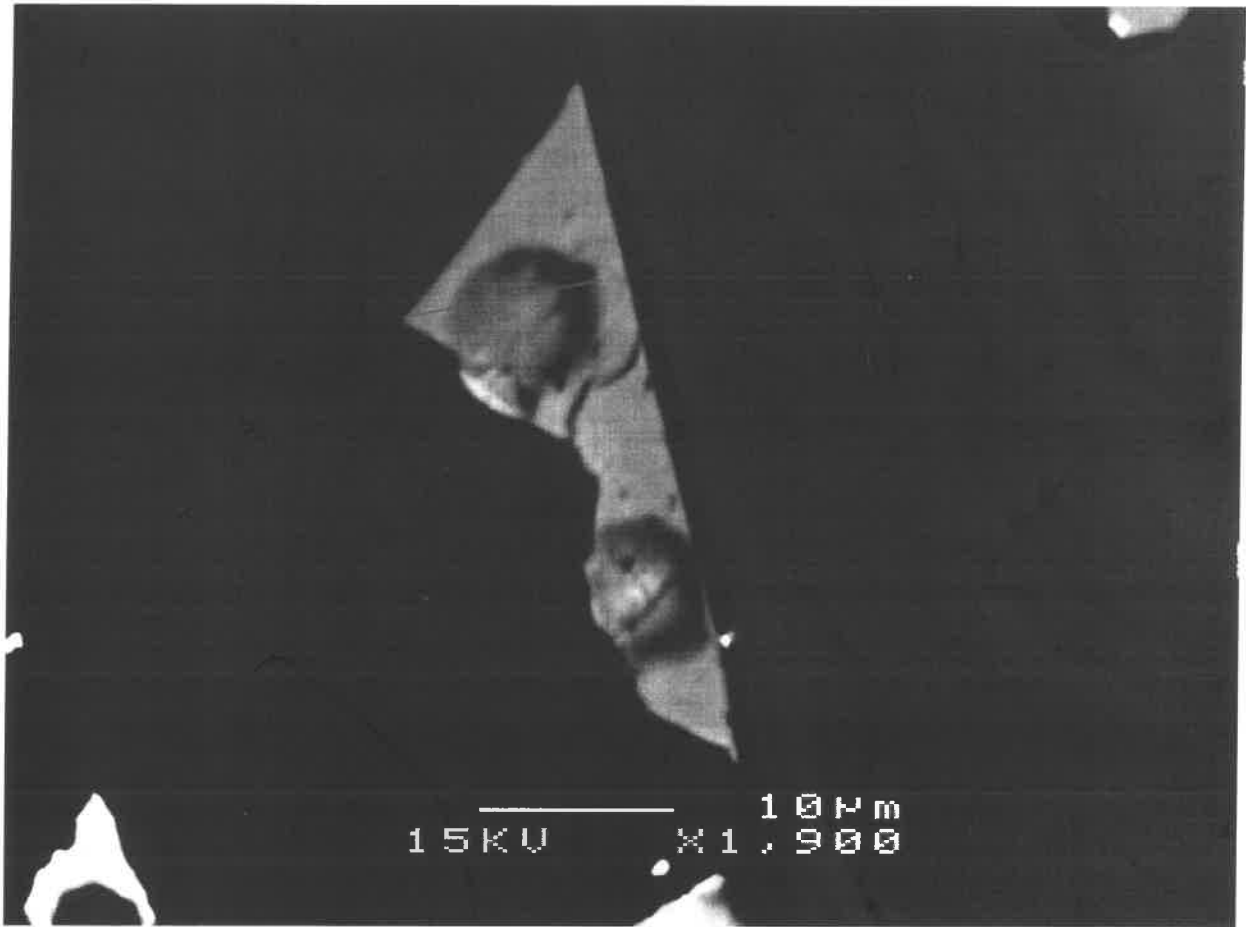
9/10

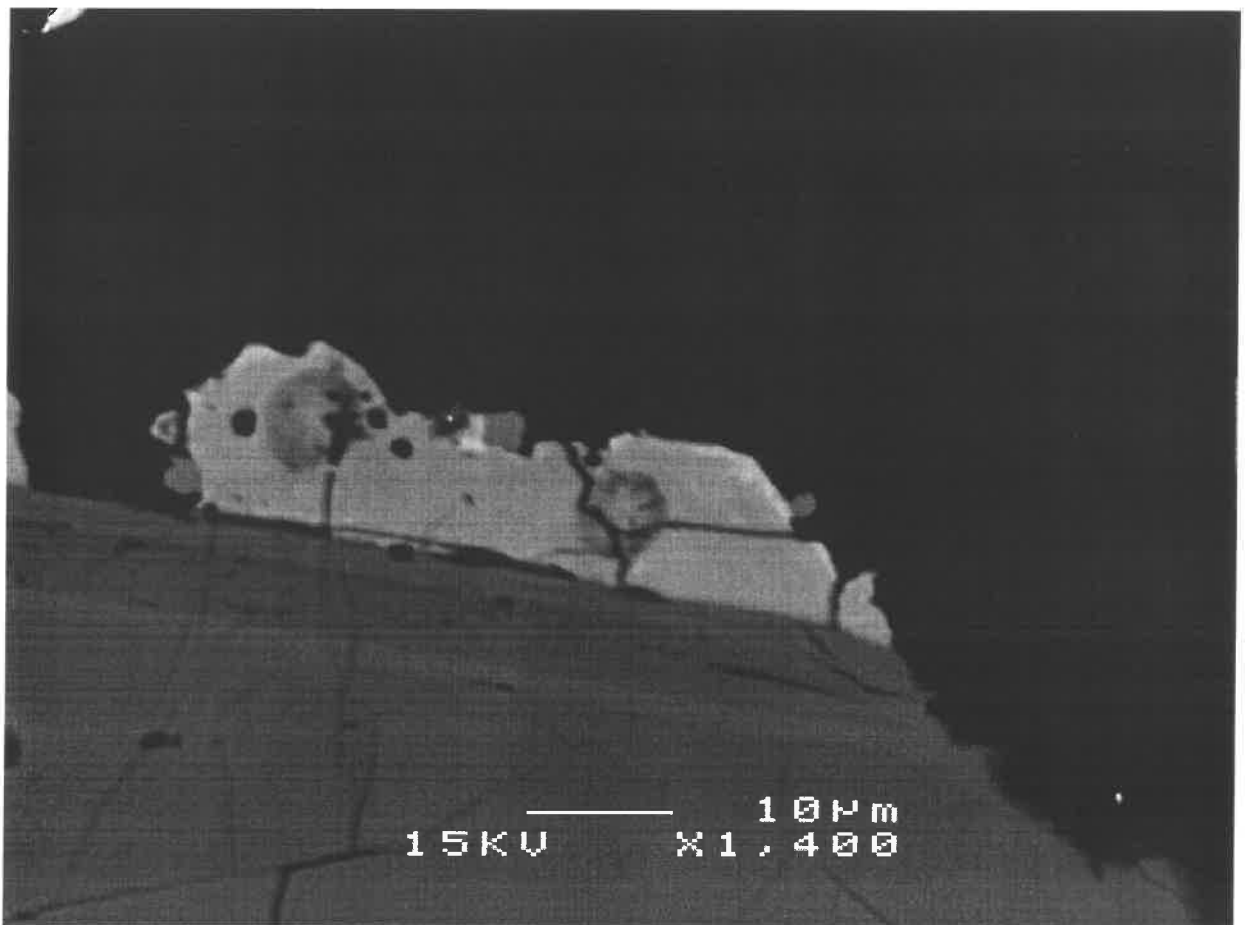
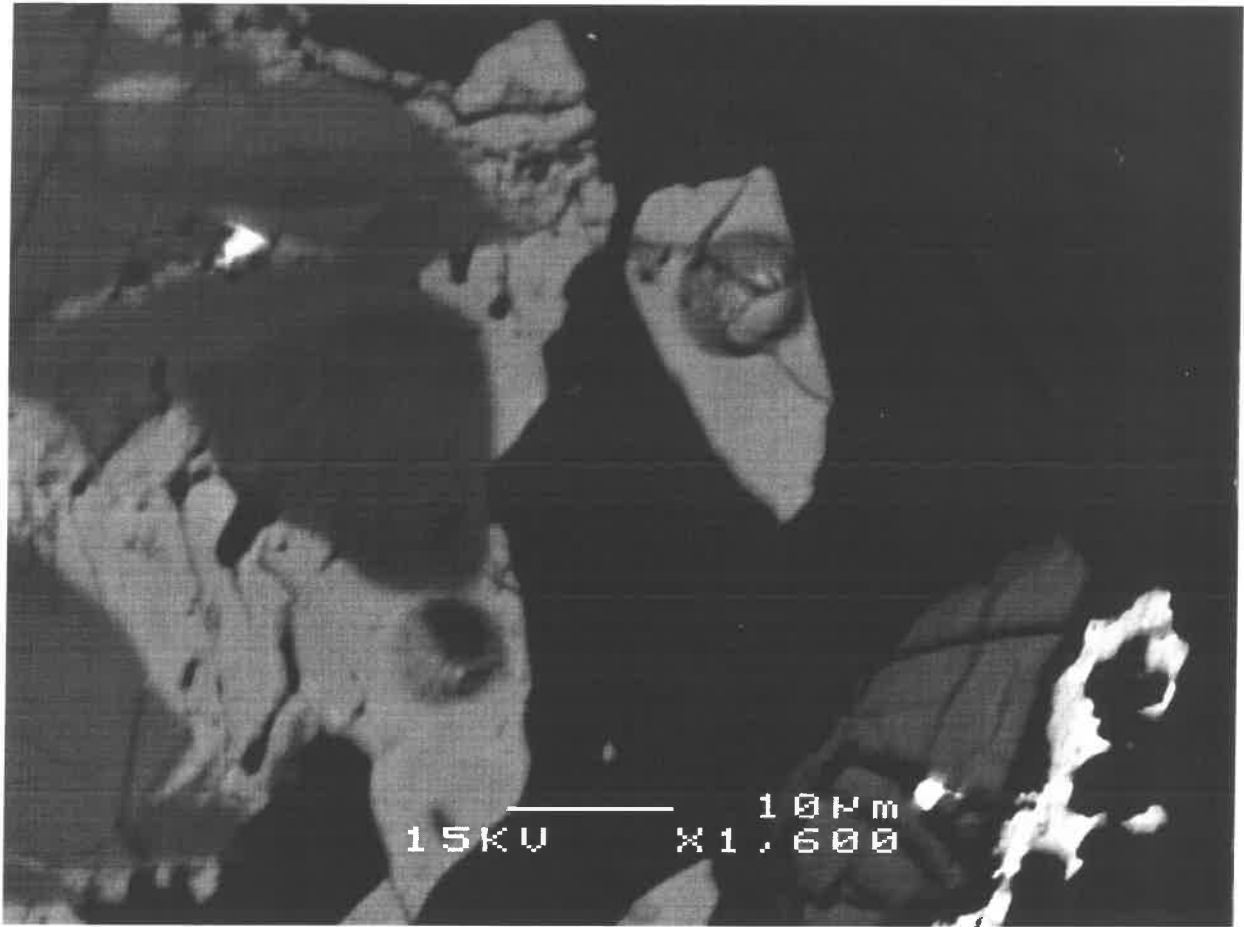


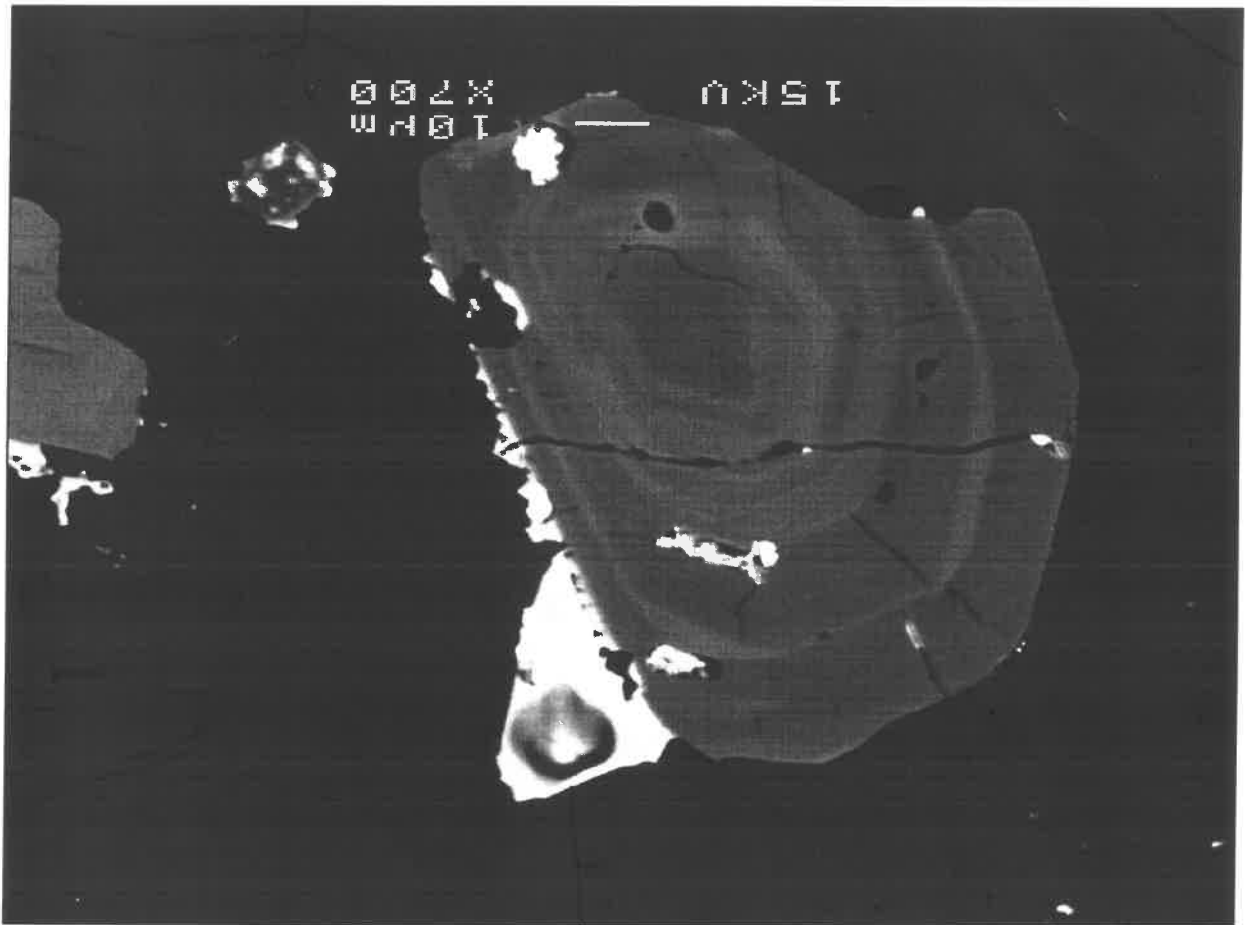
Uromyces (a)











2153-2160

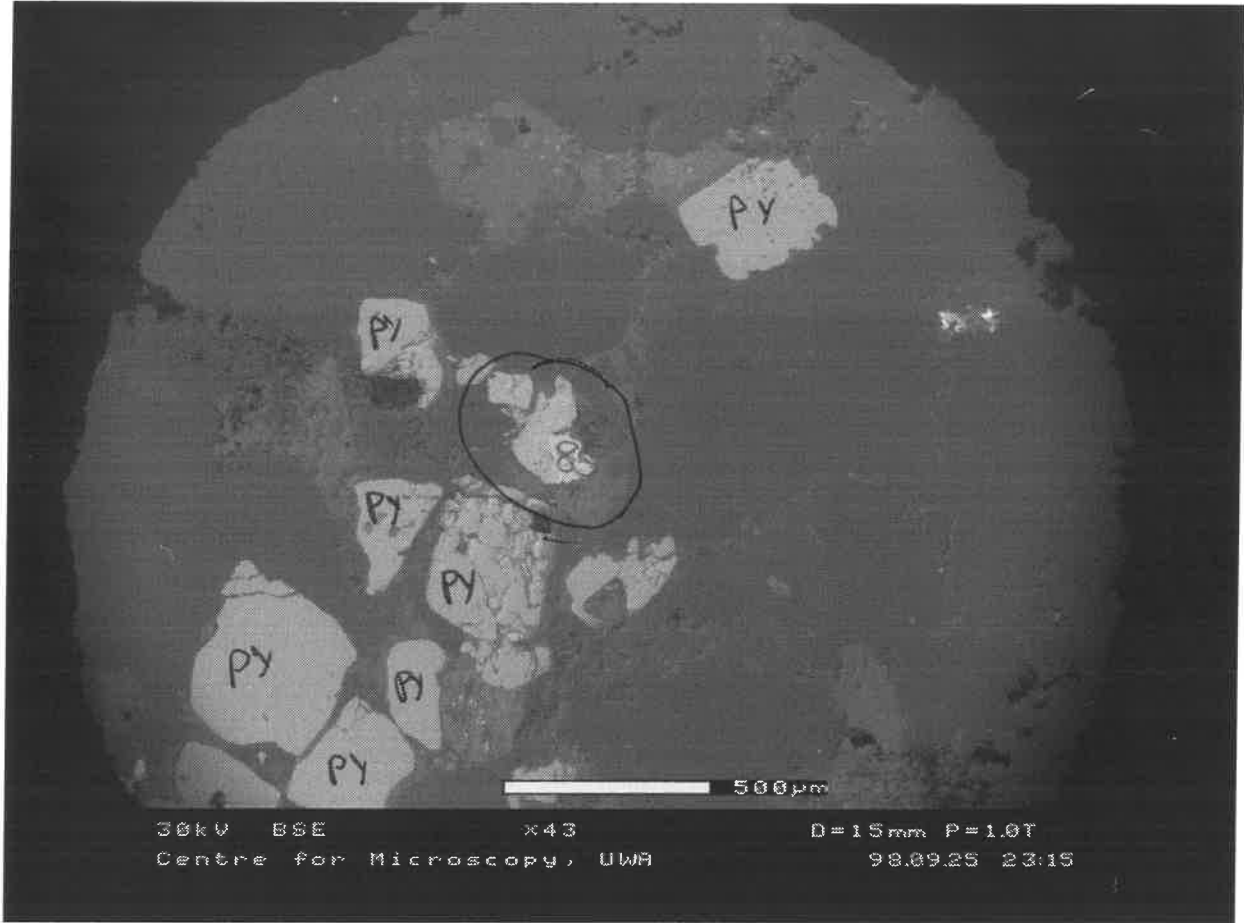


2857

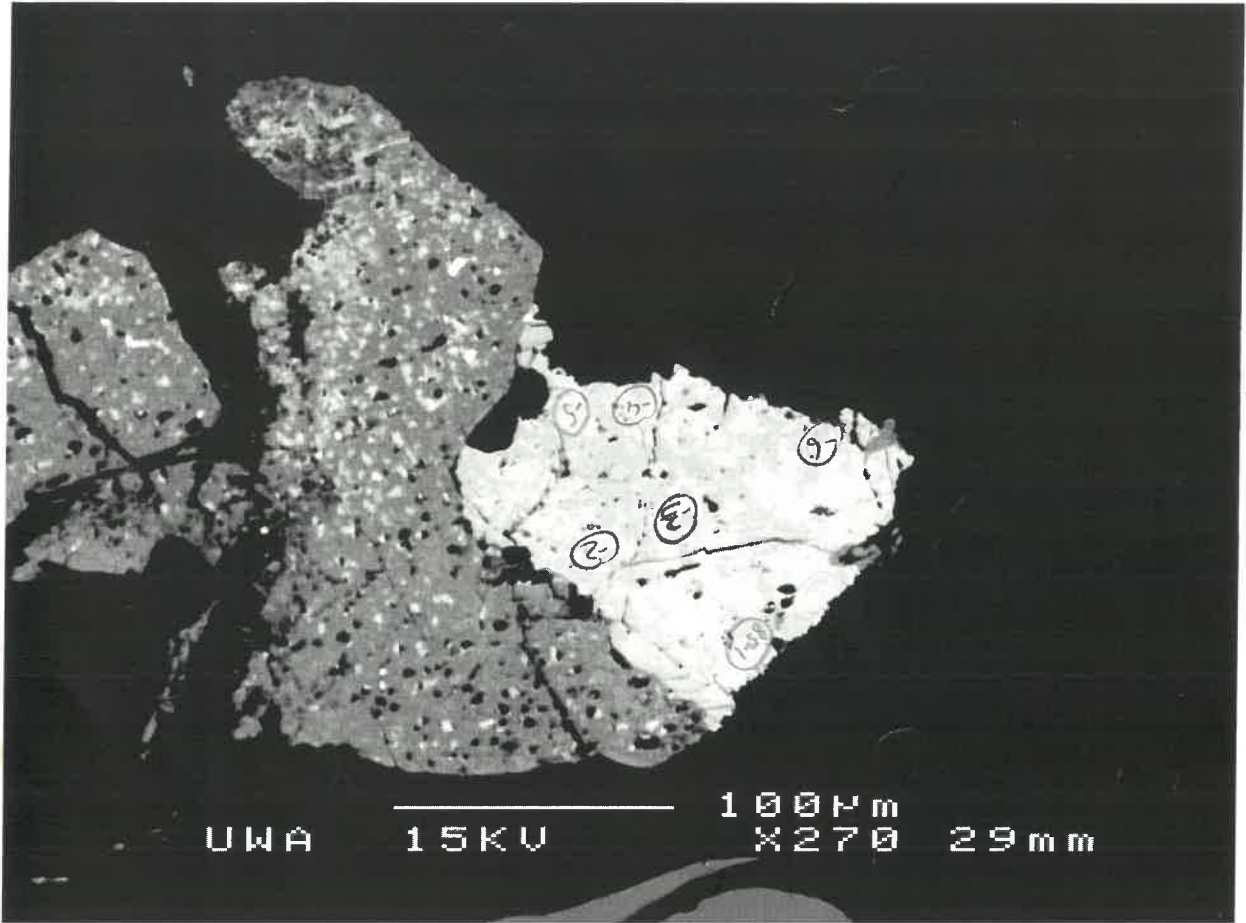
Zampan
TS GE039

disk 3 Xenotime o.g. on zircon

85



378

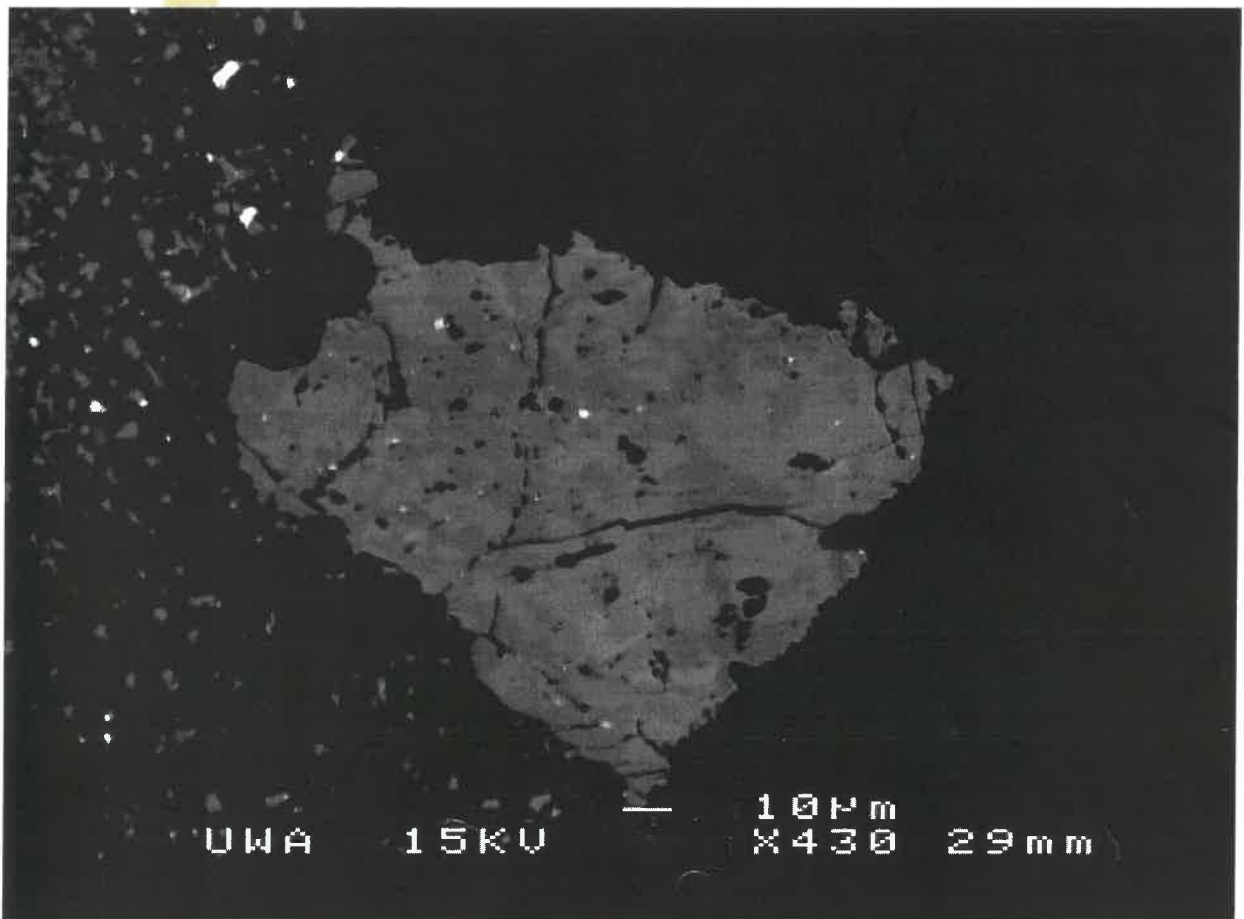


check spot location

UWA 15KV 100µm X270 29mm

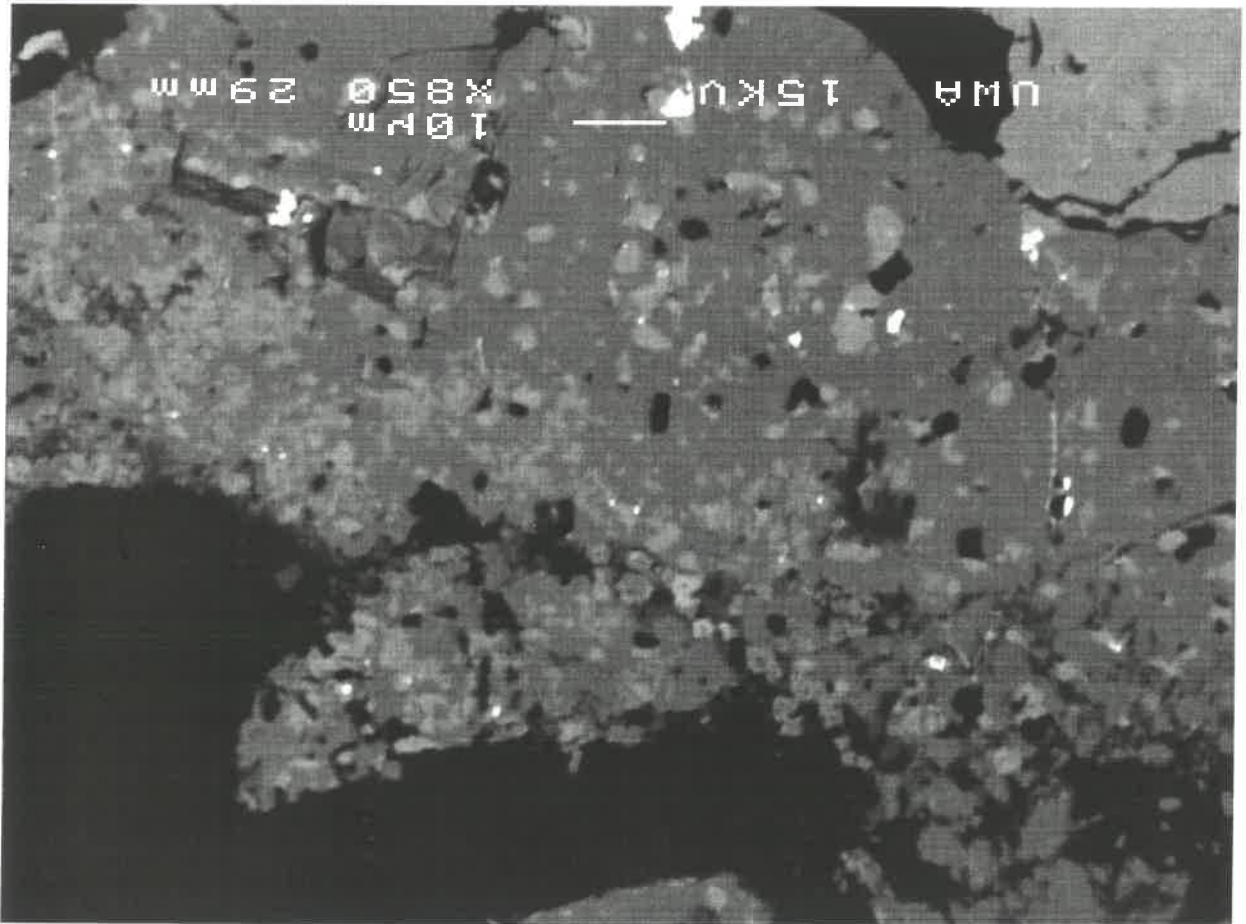
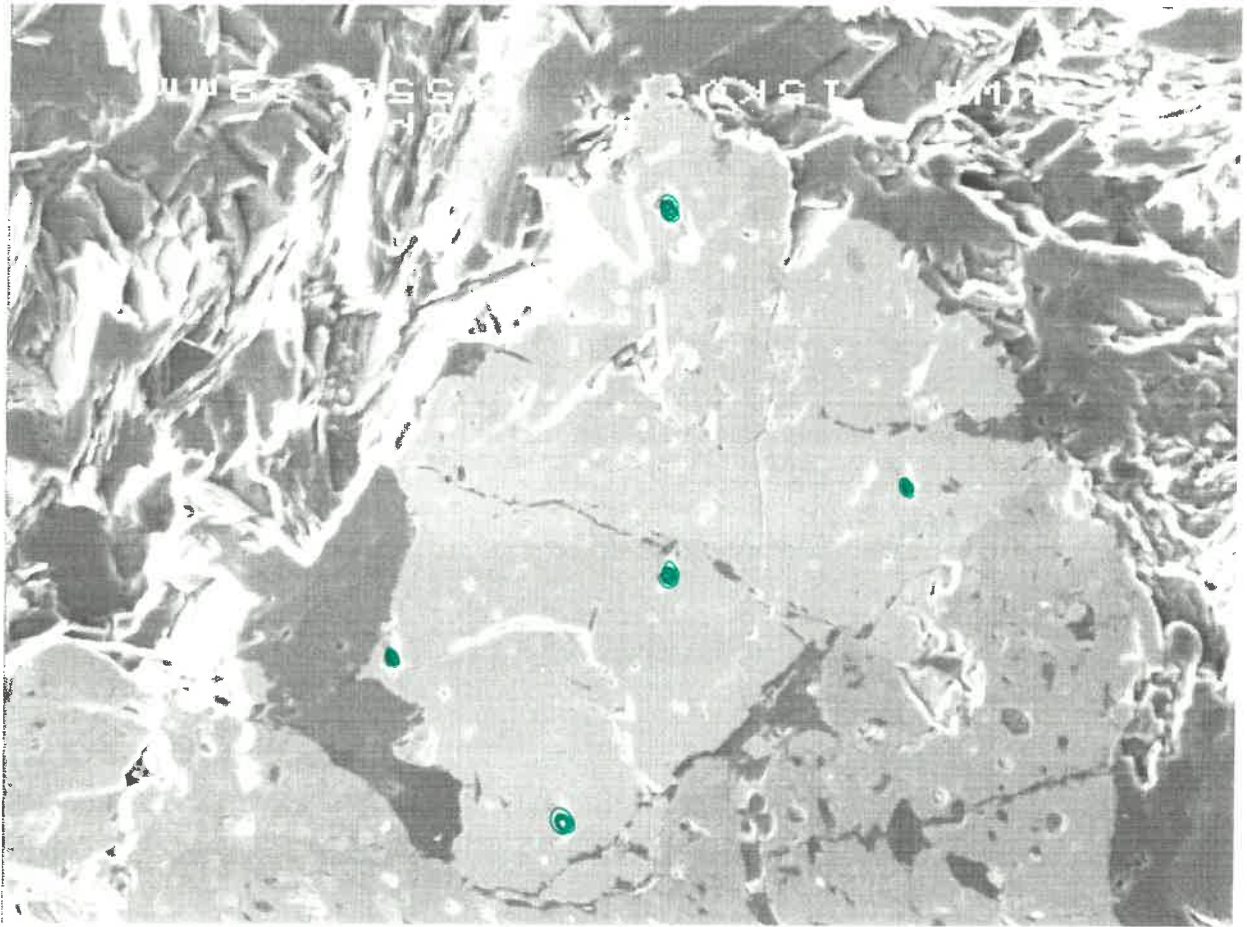
Znua + xt og

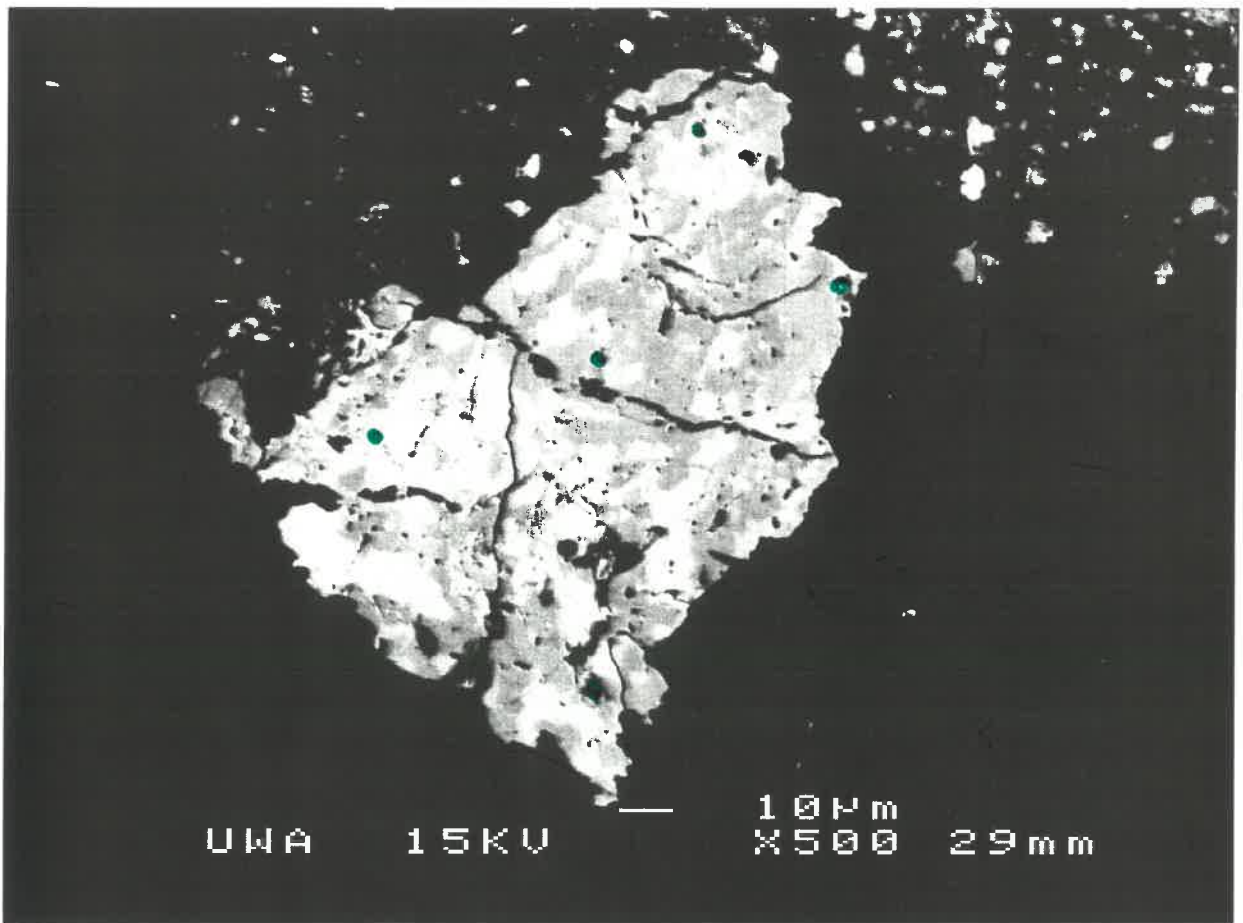
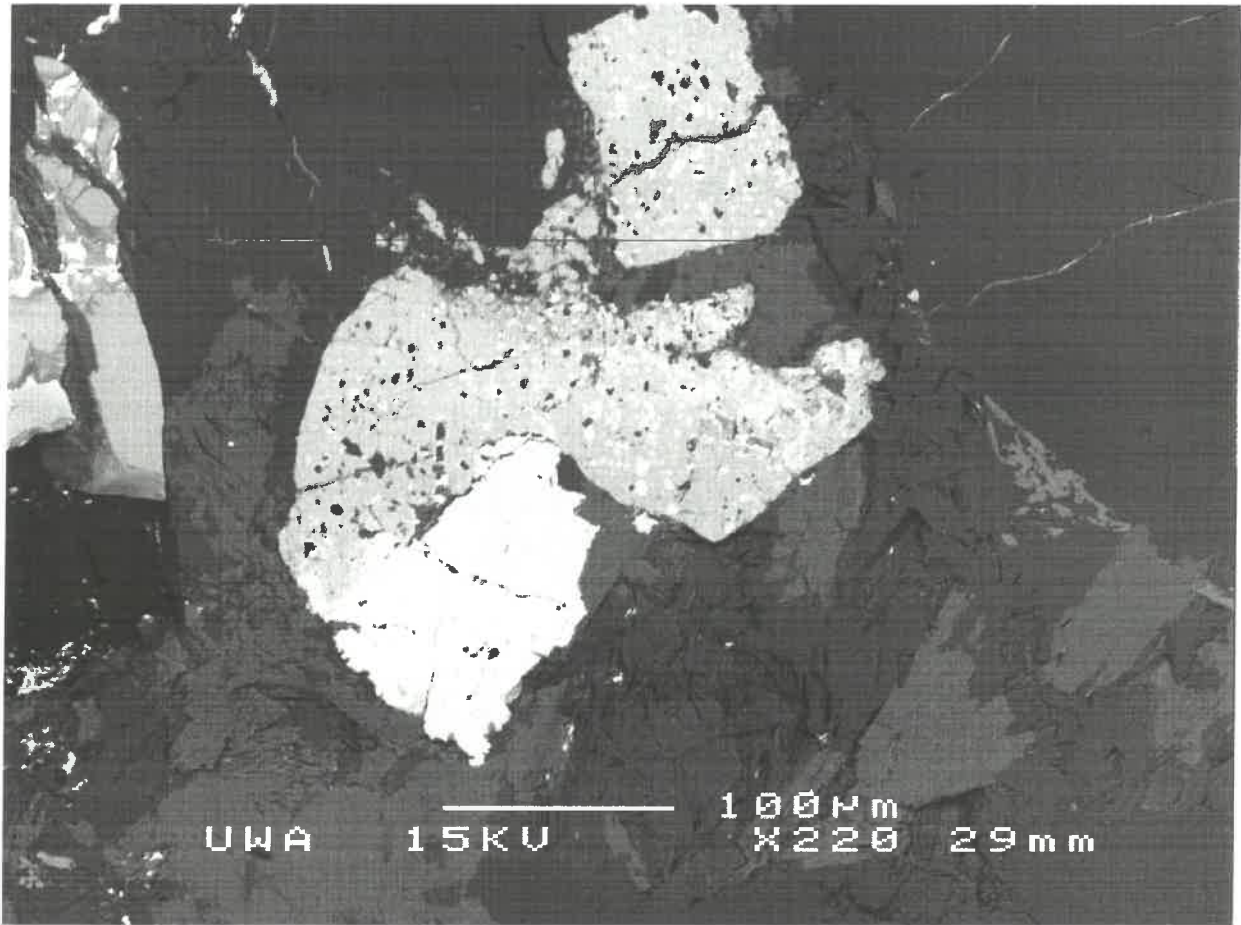
379

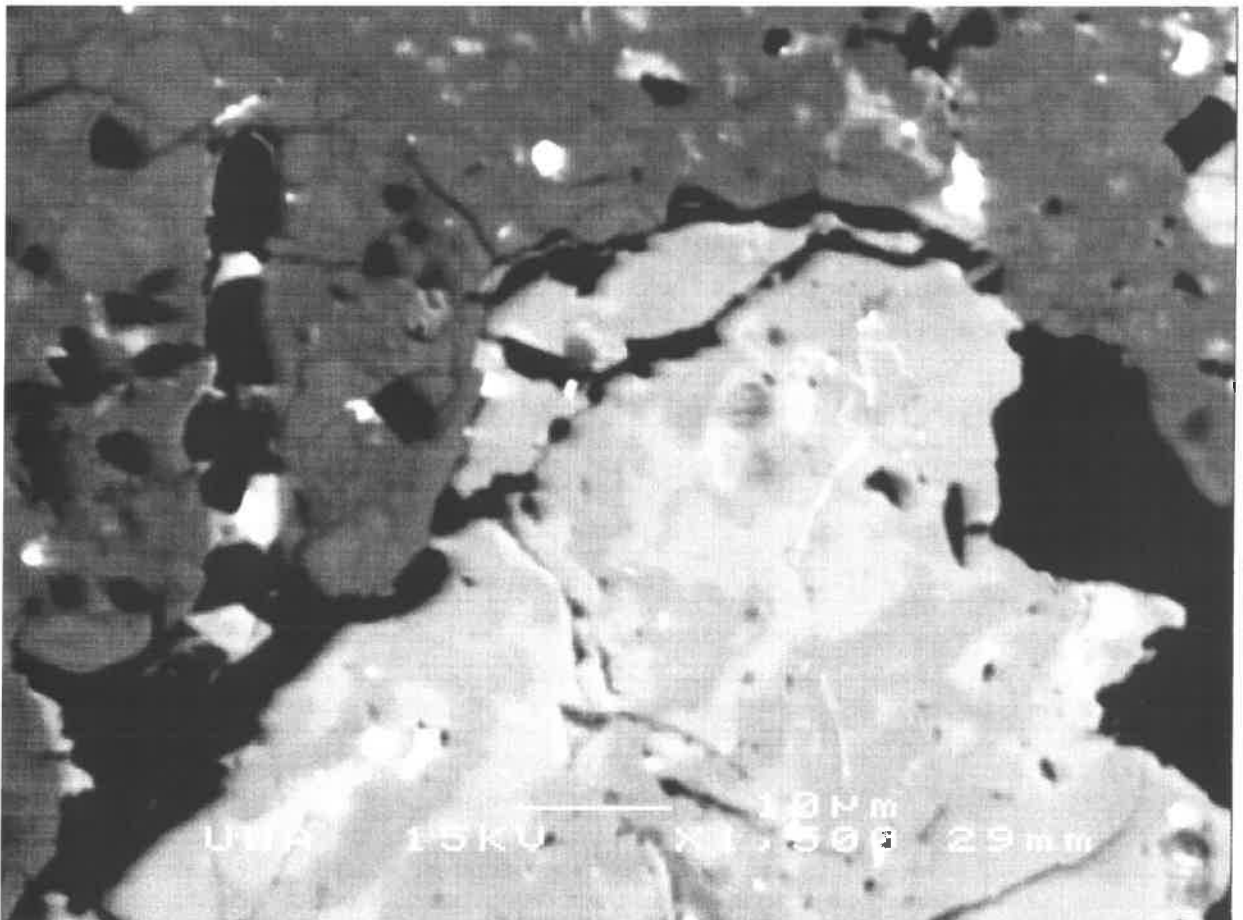
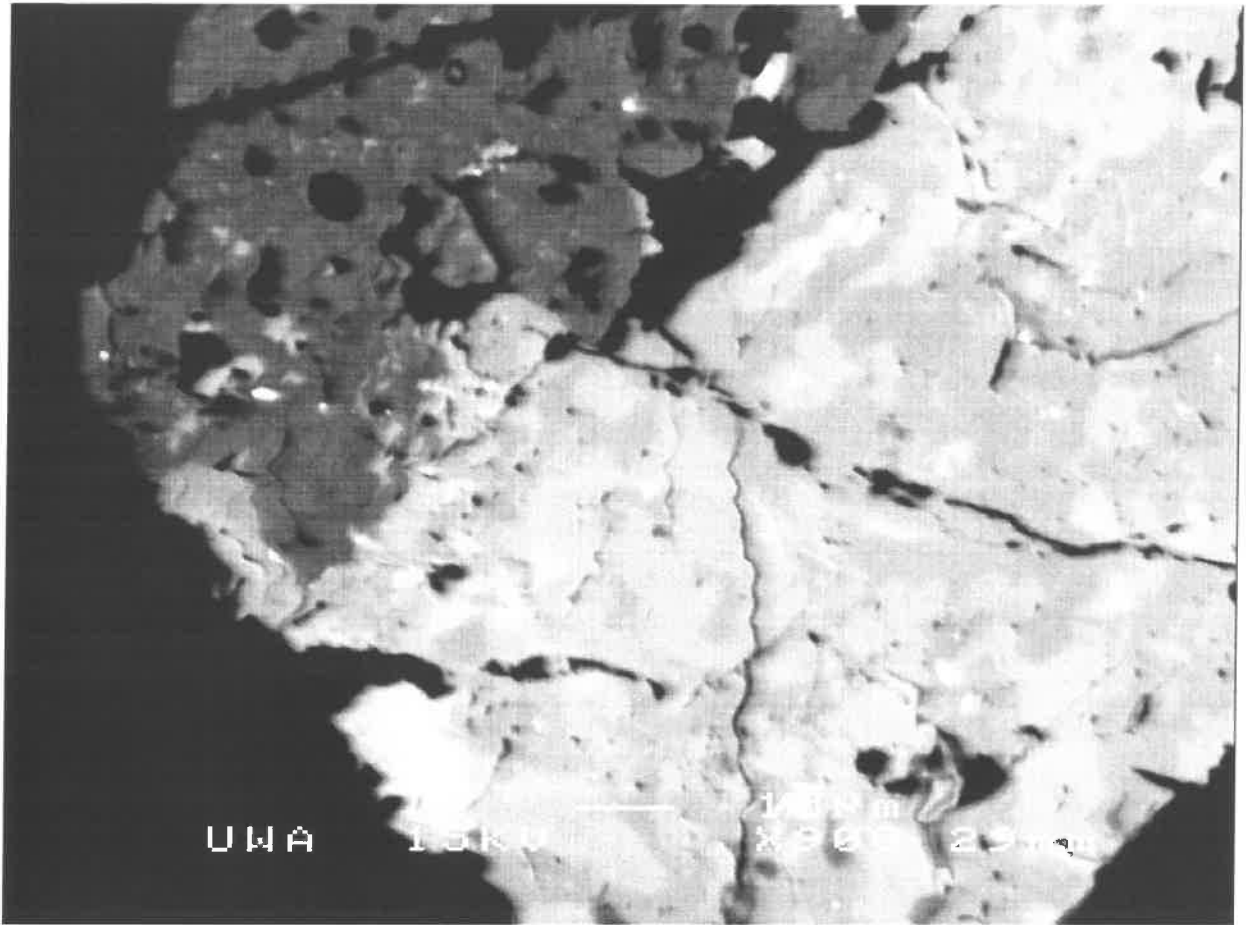


UWA 15KV 10µm X430 29mm

85 Znua xt (zoned)







Ø 17318 20KU

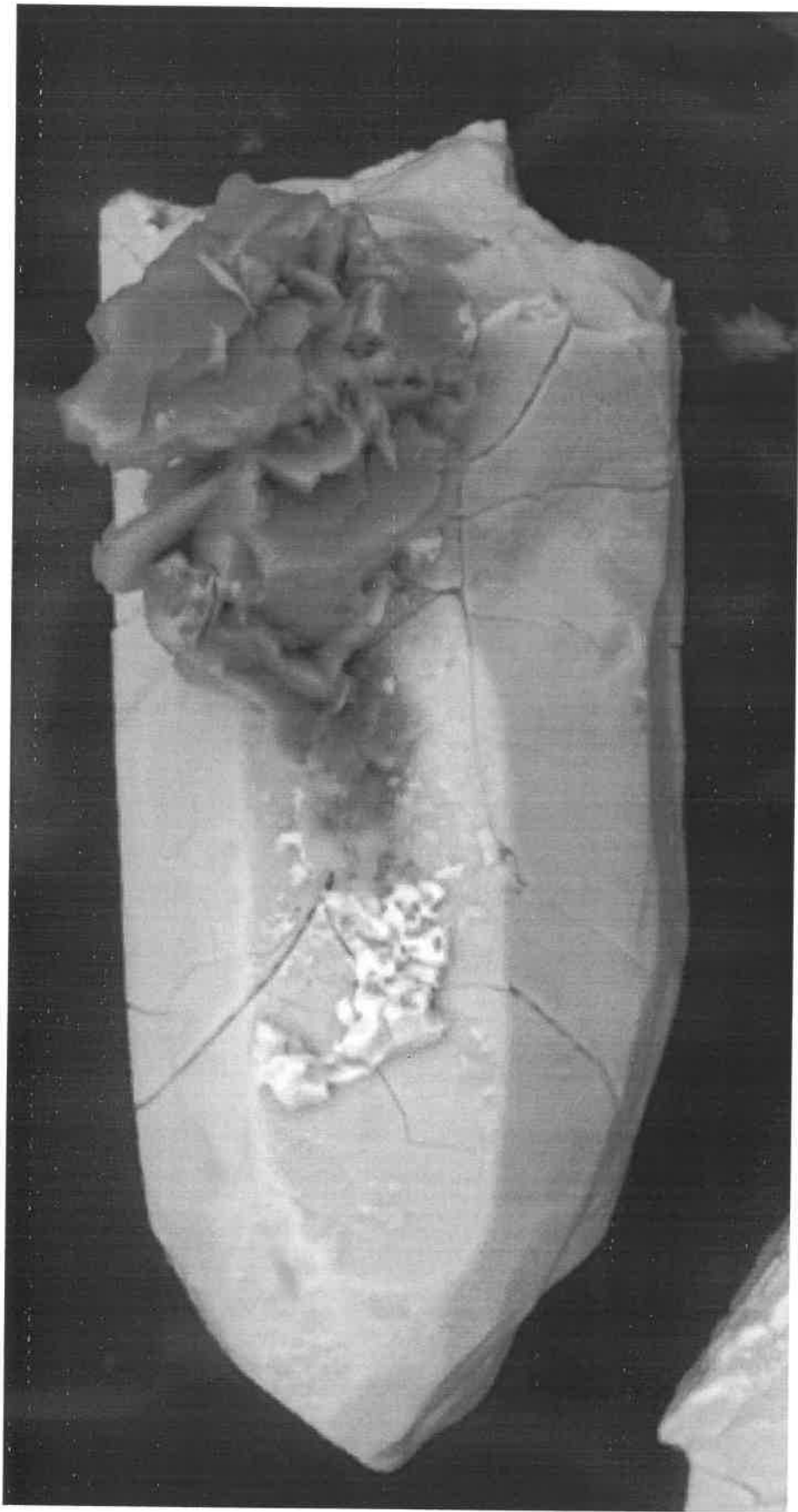


10µm
X500

39mm

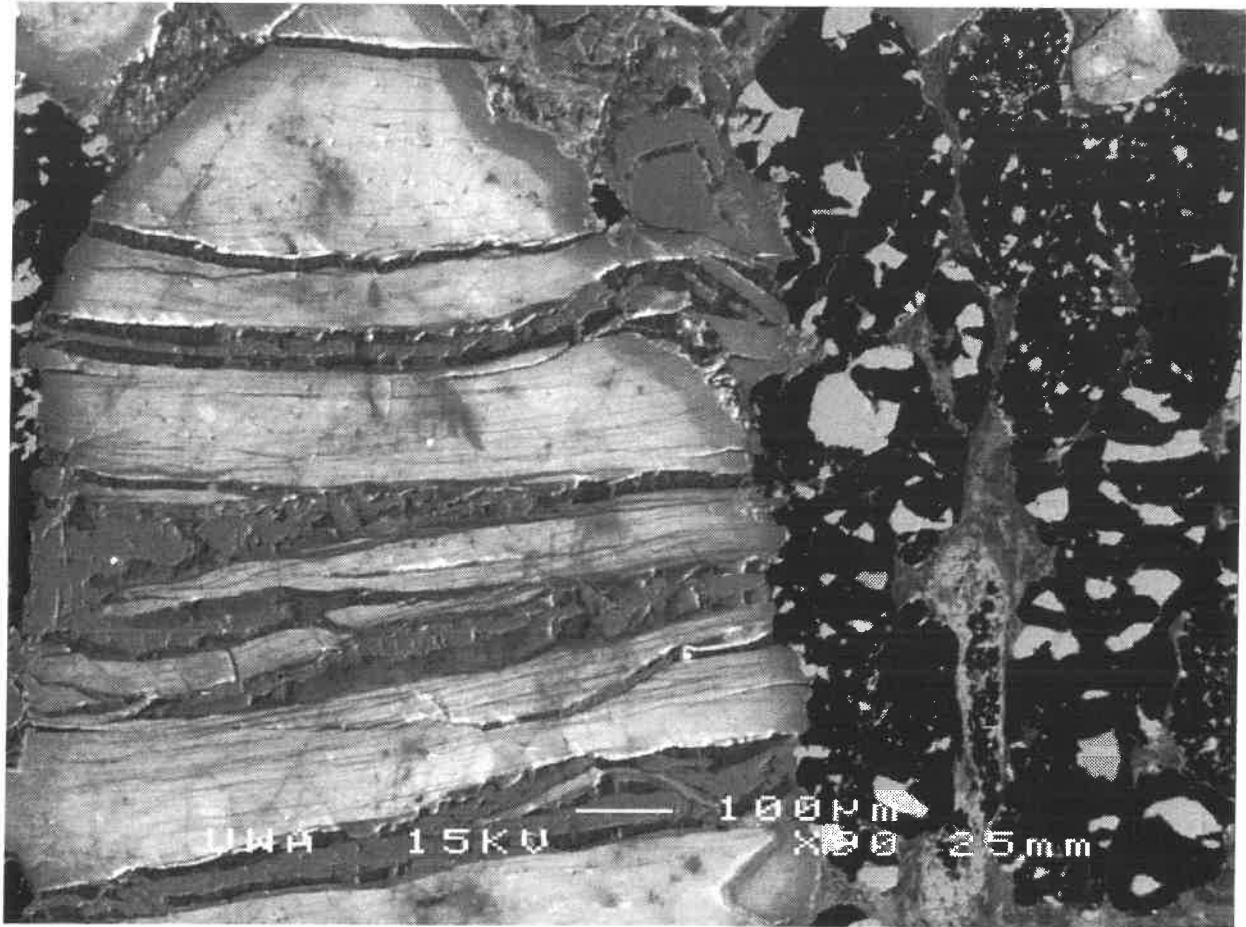


98-63

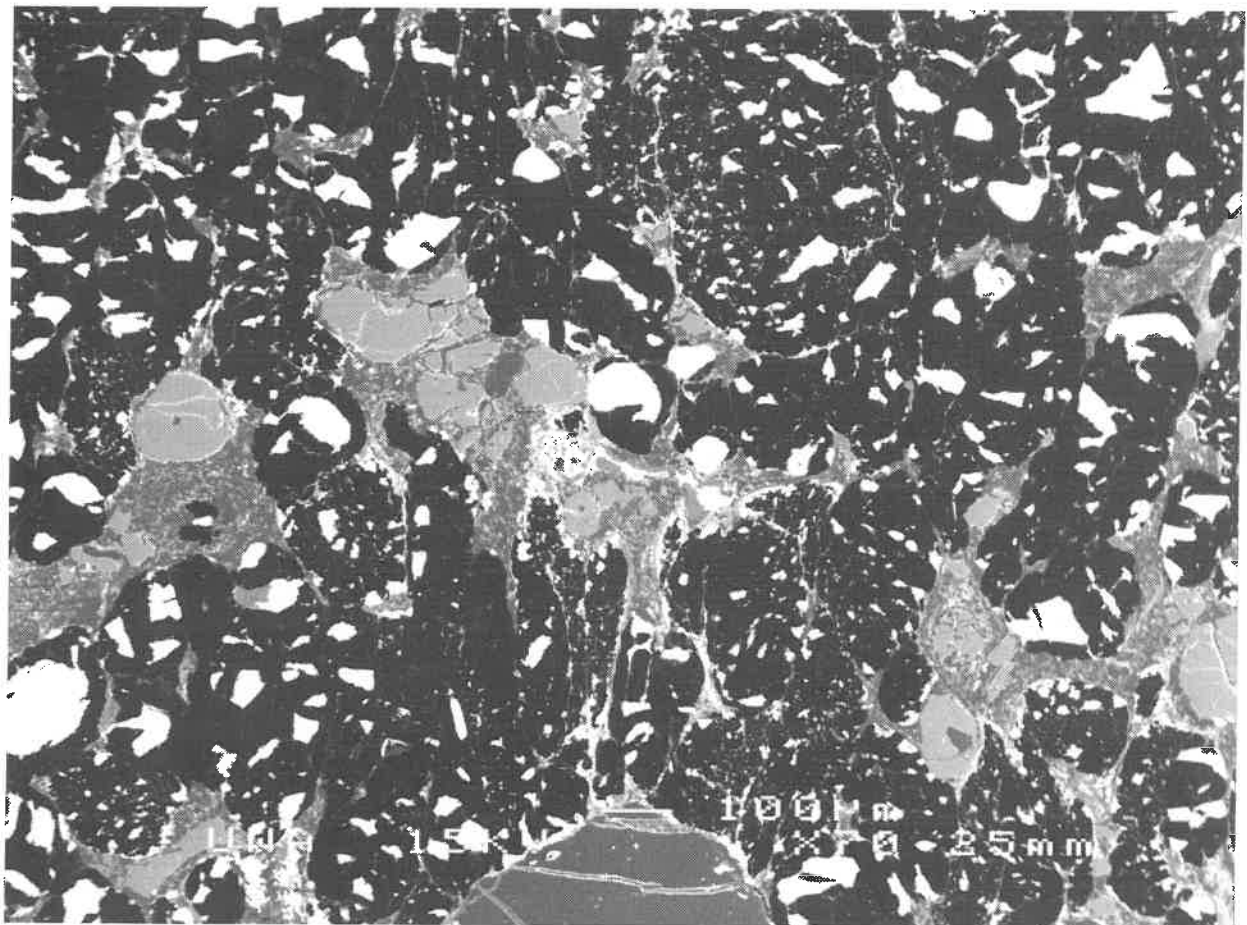


gez011

176



178



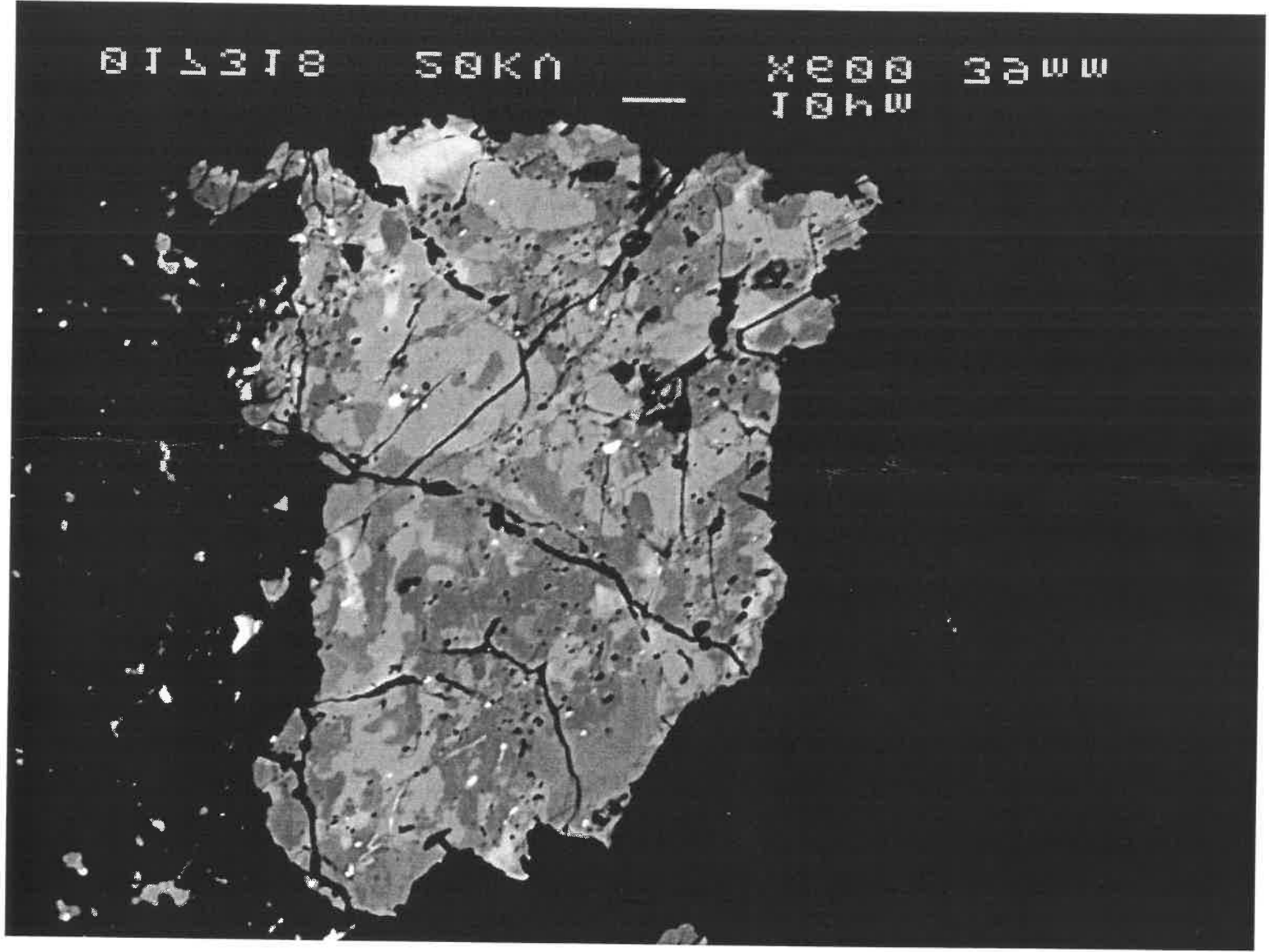
015318

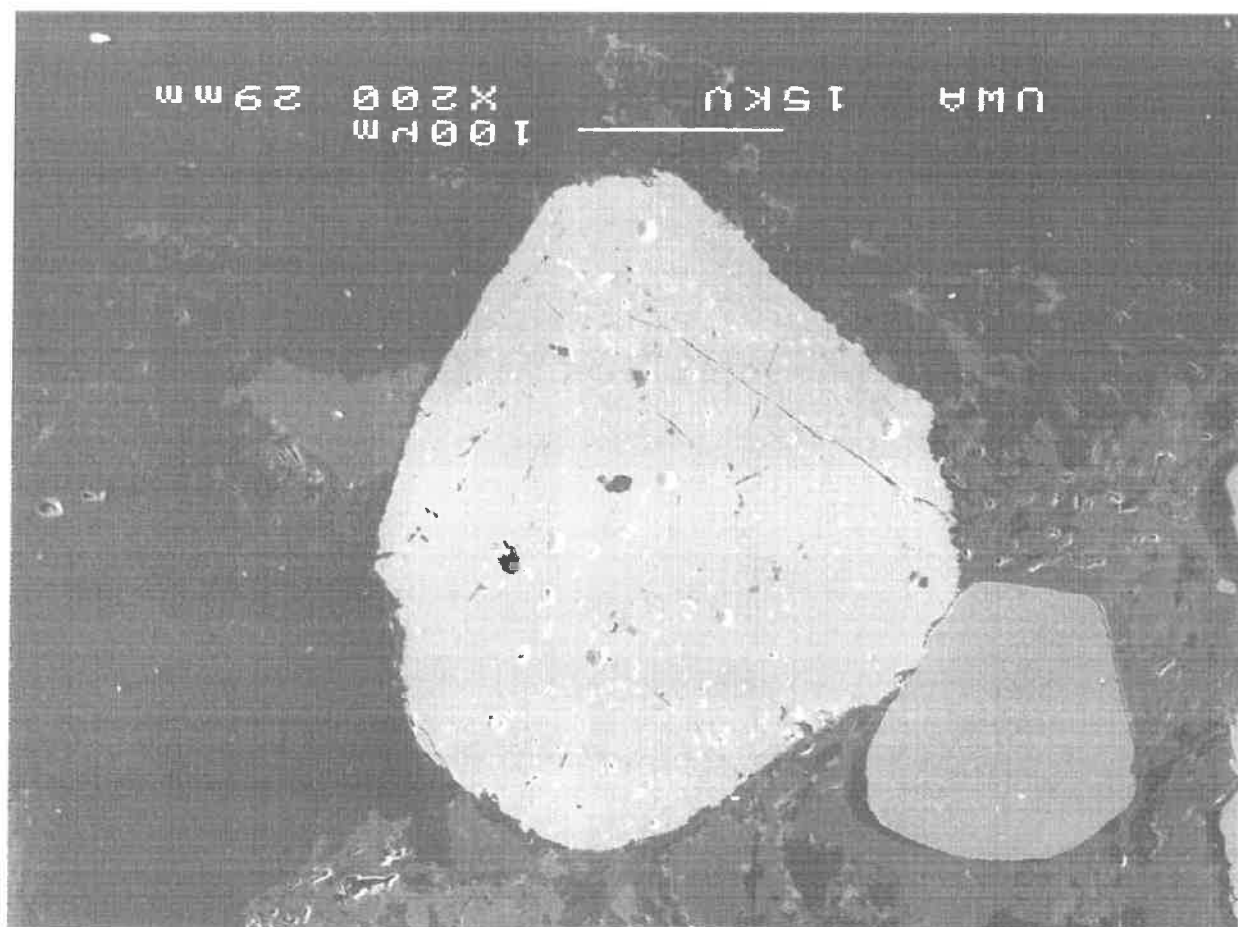
SOKU

X200

3200

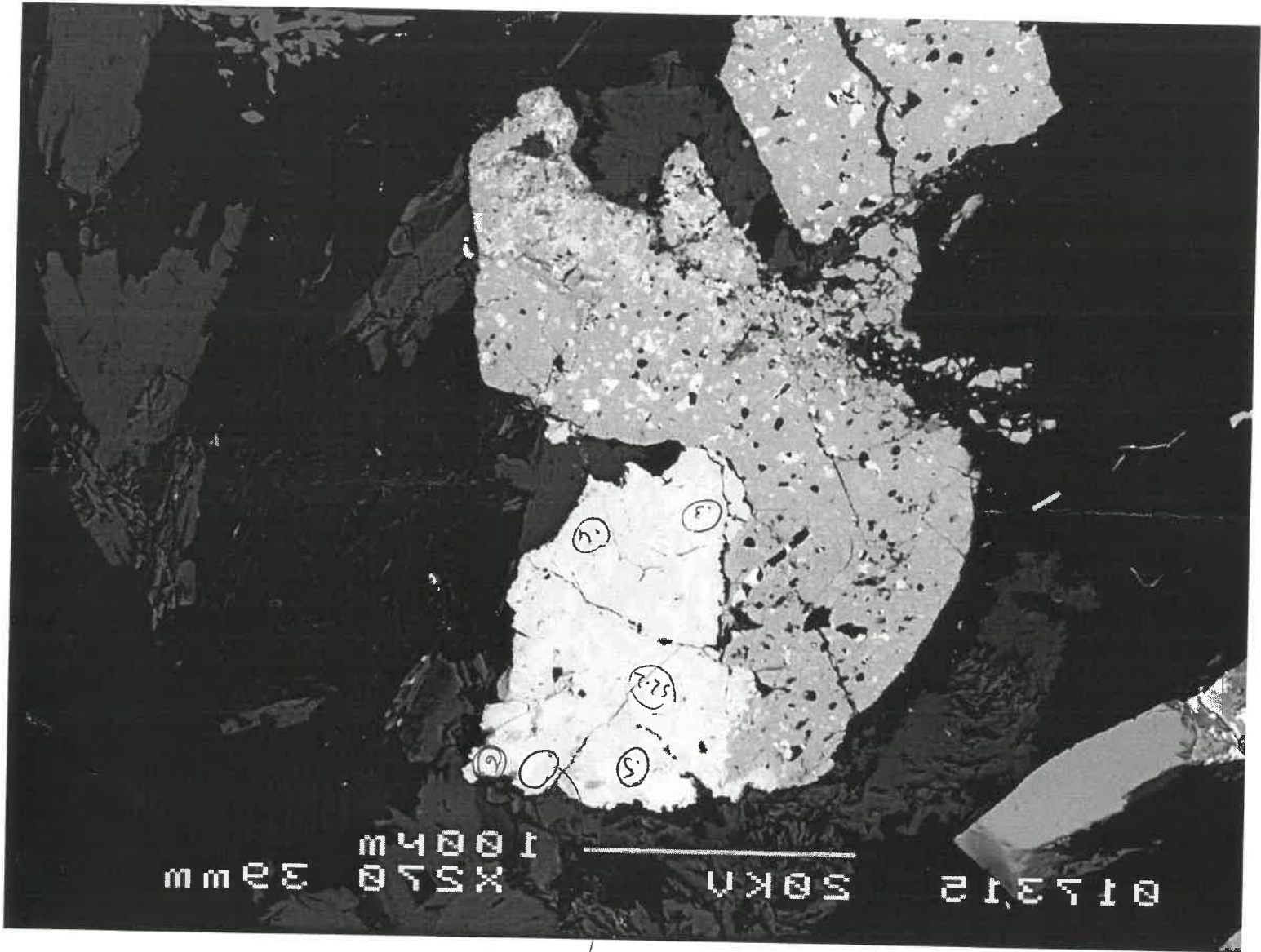
10h





[Handwritten scribble]

Mirror Image



85.52.1