CCIM MOUNT FORM ('M-Form')

Basic Information

Project Number: P2009
Mount Name: M1609
Mount Version (default is 1*; create new form for each subsequent version): Click here to enter text.
Alias Mount Name: Click here to enter text.
Mount Title: Click here to enter text.
Mount Type (fill): Epoxy 25 mm
Sample Types Mounted (e.g., zircon, diamond): diamond
Mount Names mounted (e.g., m1234): m1605, m1606, m1607, m1608
Mount prep personnel initials: RS, RD

General Mount History

(chronological [dd/mm/yyyy] tracking information, examples shown, add details as relevant)

- date of preparation initiation: 24/03/2020
- date of mount renewal: Click here to enter a date.
- date of mount removal from CCIM: Click here to enter a date.

Fixing History

(dates, personnel, methods, and results; refer to generic procedure codes where appropriate)

- 24/03/2020–RS– pressed into indium with RM

Polishing History

(dates, personnel, methods, and results; refer to generic procedure codes where appropriate)

- Click here to enter a date. – Select personnel – Choose an SOP.
- Polishing pad at force for duration

Cleaning History

(dates, personnel, methods, and results; refer to generic procedure codes where appropriate)

- 24/03/2020 – RD–cleaned with brush and kimwipe/tweezers

Coating/Conductivity History

(dates, personnel, methods, and results; refer to generic procedure codes where appropriate)

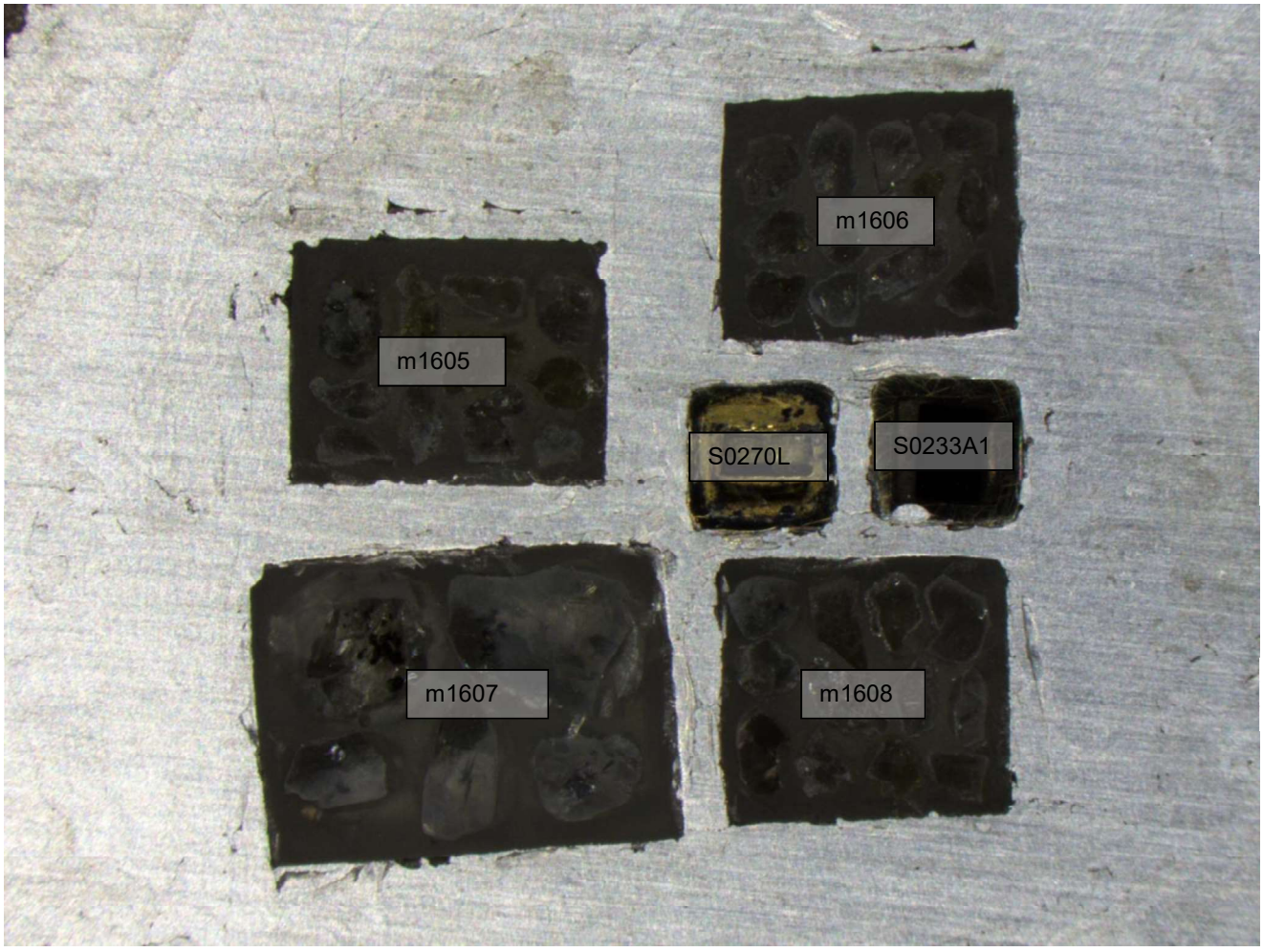
- 24/03/2020 – RD–SOP_CT100110 (sputter) coated with 20.0 nm of Au.

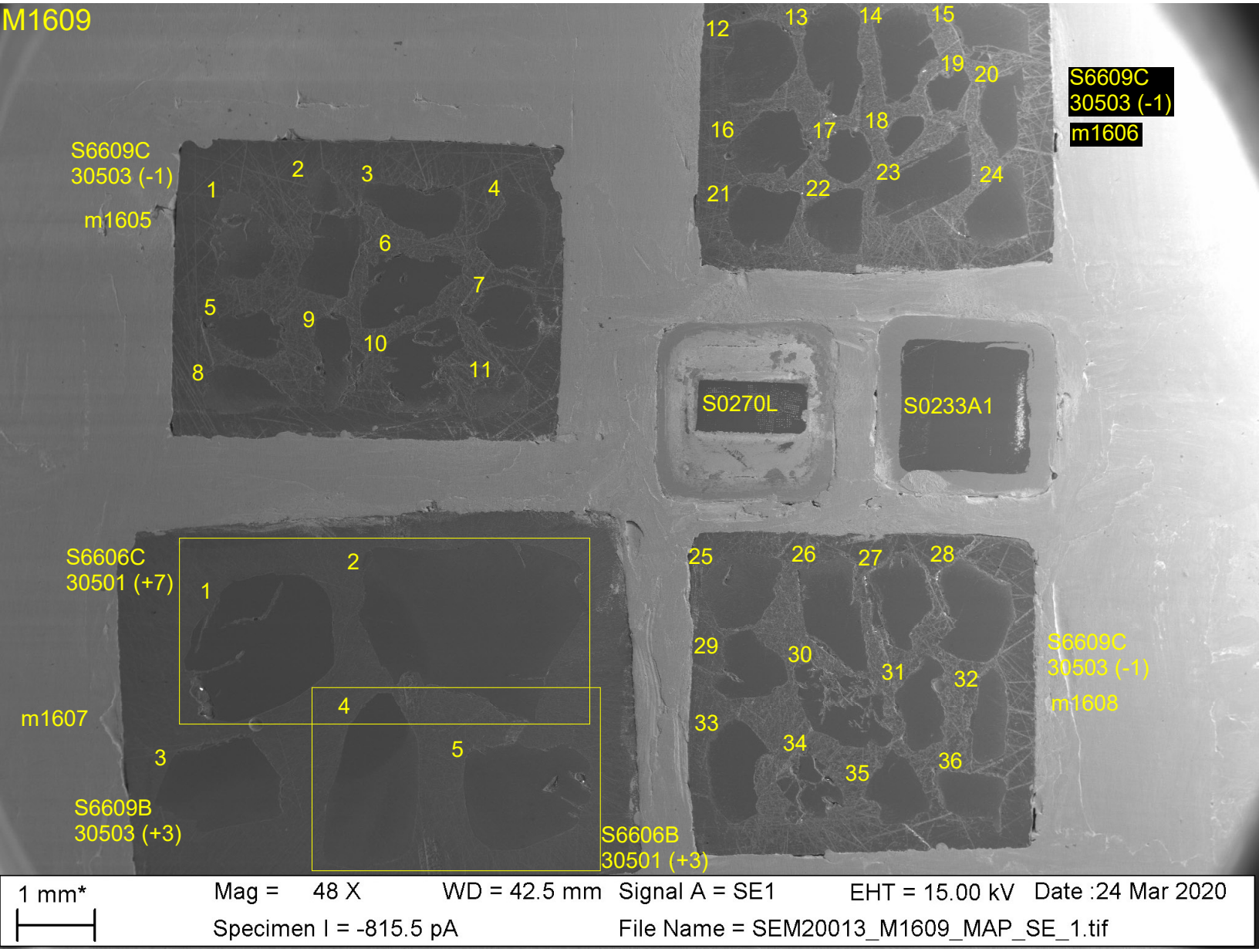
Mount Map M1609

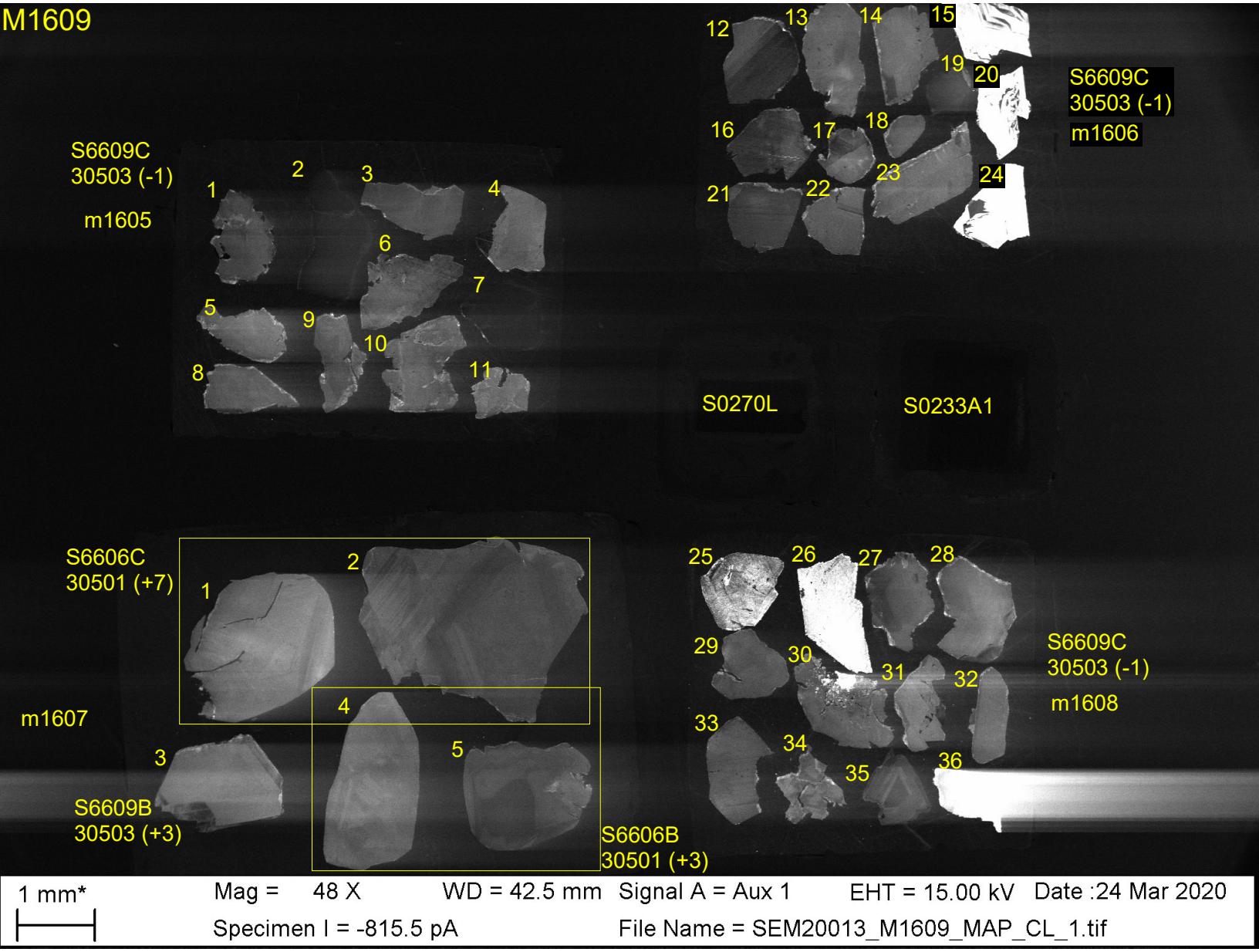
(list identities, attach image and show locations)

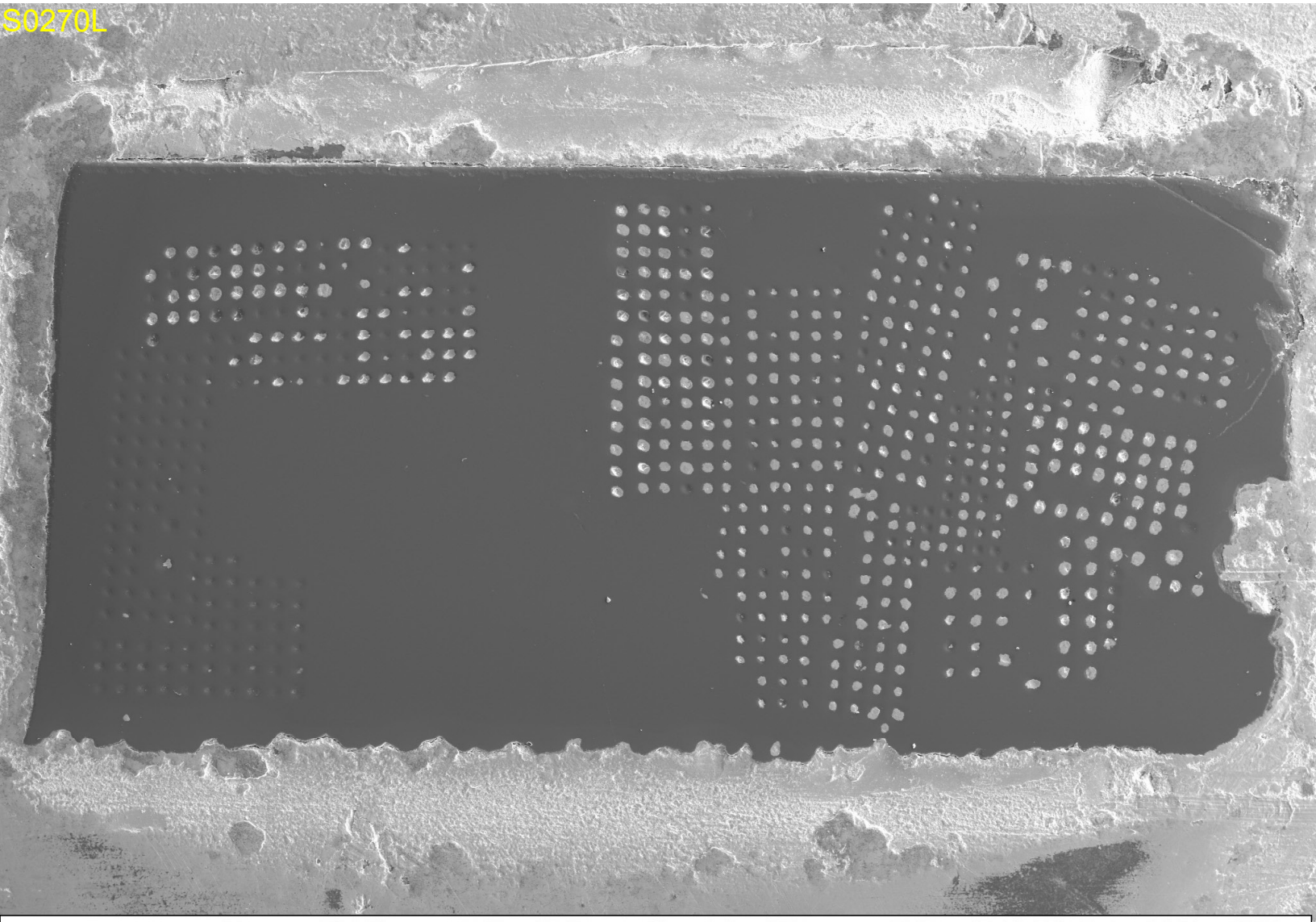
CCIM Sample #	Alias Sample #	CCIM Sample #	Alias Sample #	CCIM Sample #	Alias Sample #
S6606B	30501 (+3)				
S6606C	30501 (+7)				
S6609B	30503 (+3)				
S6609C	30503 (-1)				
S0270L					
S0233A1					

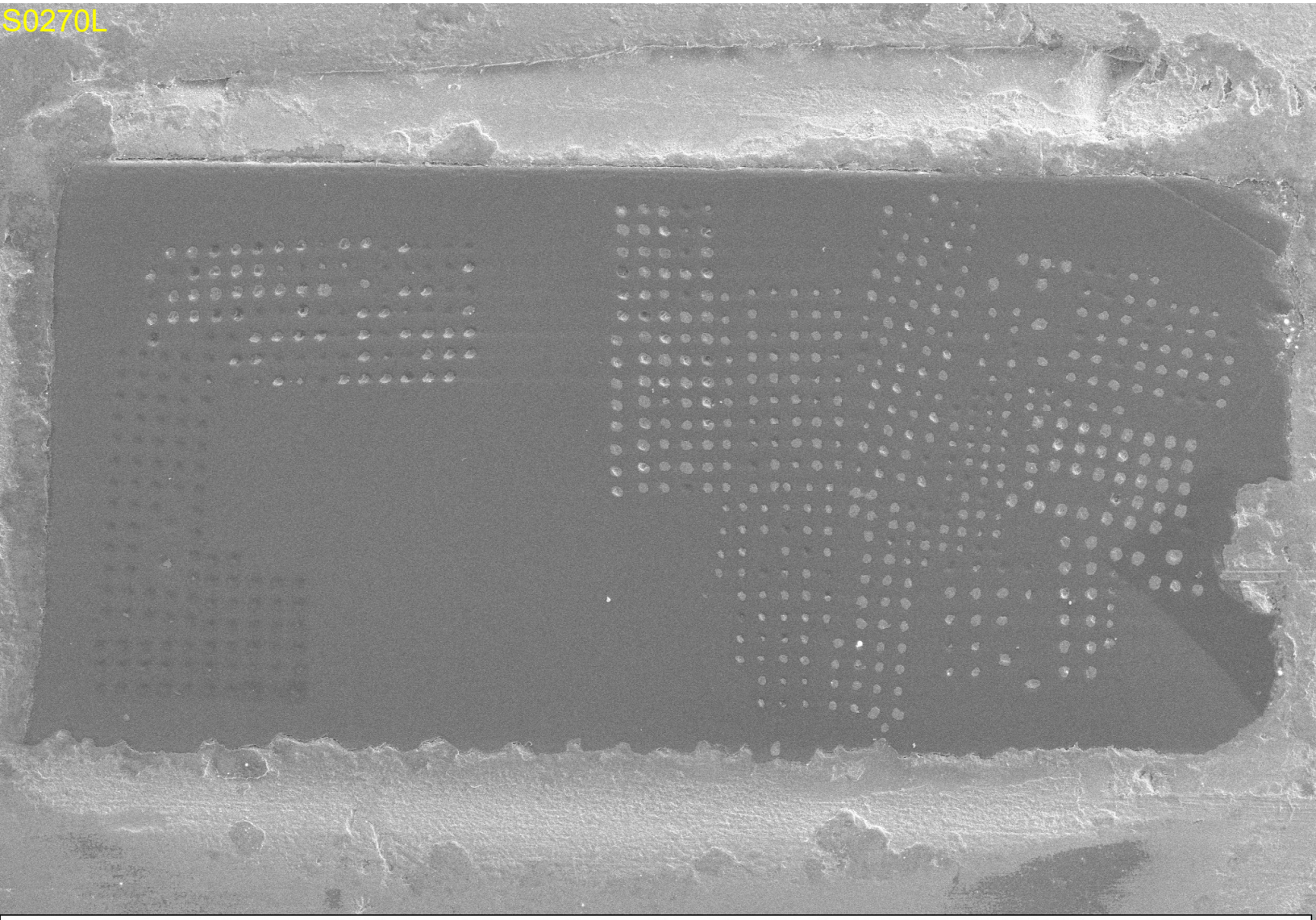
Front:




M1609
S6609C
30503 (-1)
m1606
S6609C
30503 (-1)
m1605
S0270L
S0233A1
S6606C
30501 (+7)
m1607
S6609B
30503 (+3)
S6606B
30501 (+3)
S6609C
30503 (-1)
m1608
1 mm*
Mag = 48 X
WD = 42.5 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -815.5 pA
File Name = SEM20013_M1609_MAP_SE_1.tif


M1609
S6609C
30503 (-1)
m1605
1
2
3
4
5
6
7
8
9
10
11
12
13
14
15
16
17
18
19
20
21
22
23
24
S6609C
30503 (-1)
m1606
S0270L
S0233A1
S6606C
30501 (+7)
m1607
S6609B
30503 (+3)
S6606B
30501 (+3)
25
26
27
28
29
30
31
32
33
34
35
36
S6609C
30503 (-1)
m1608
1 mm*
Mag = 48 X
WD = 42.5 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -815.5 pA
File Name = SEM20013_M1609_MAP_CL_1.tif

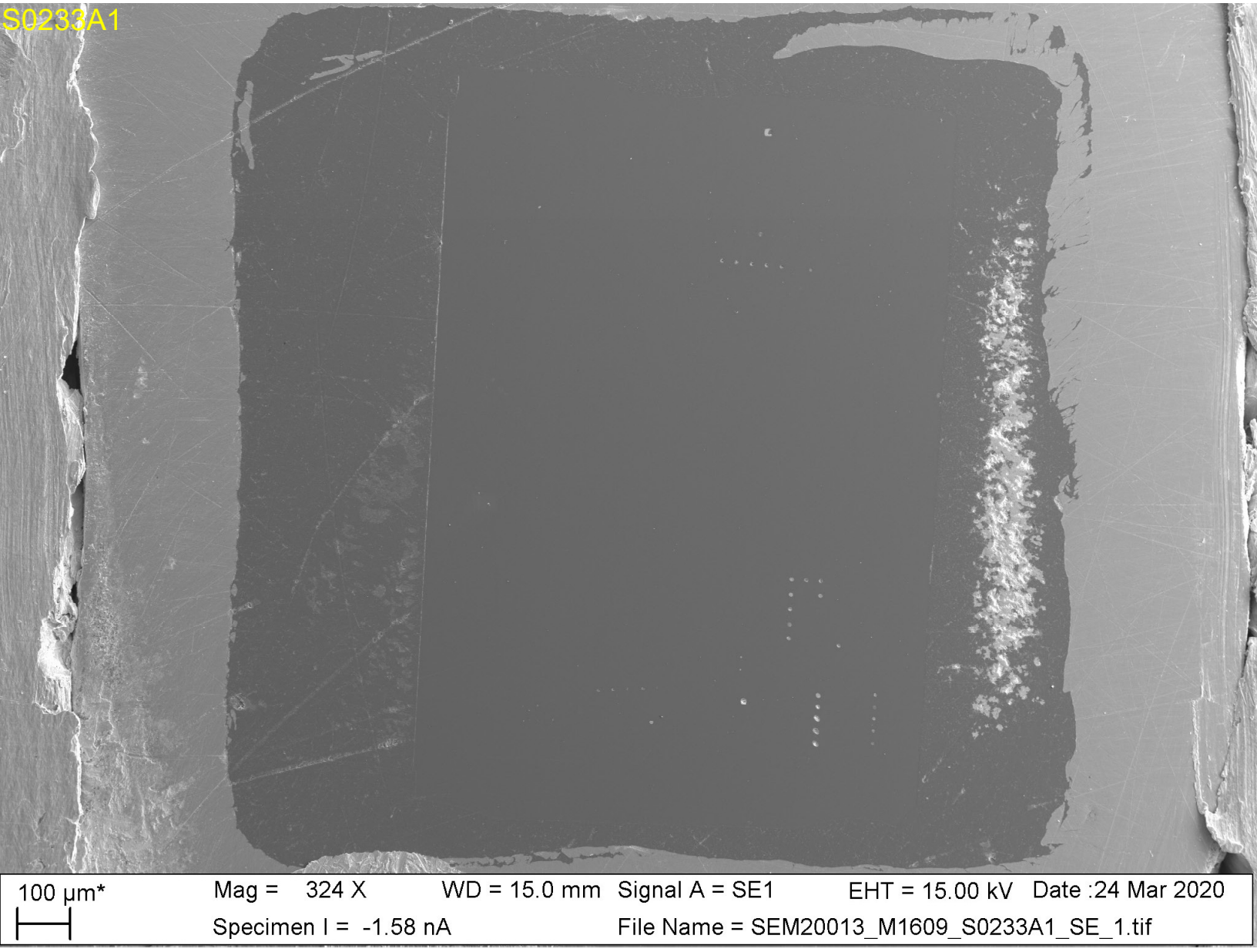

S0270L
100 µm*
Mag = 533 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -1.42 nA
File Name = SEM20013_M1609_S0270L_SE_1.tif

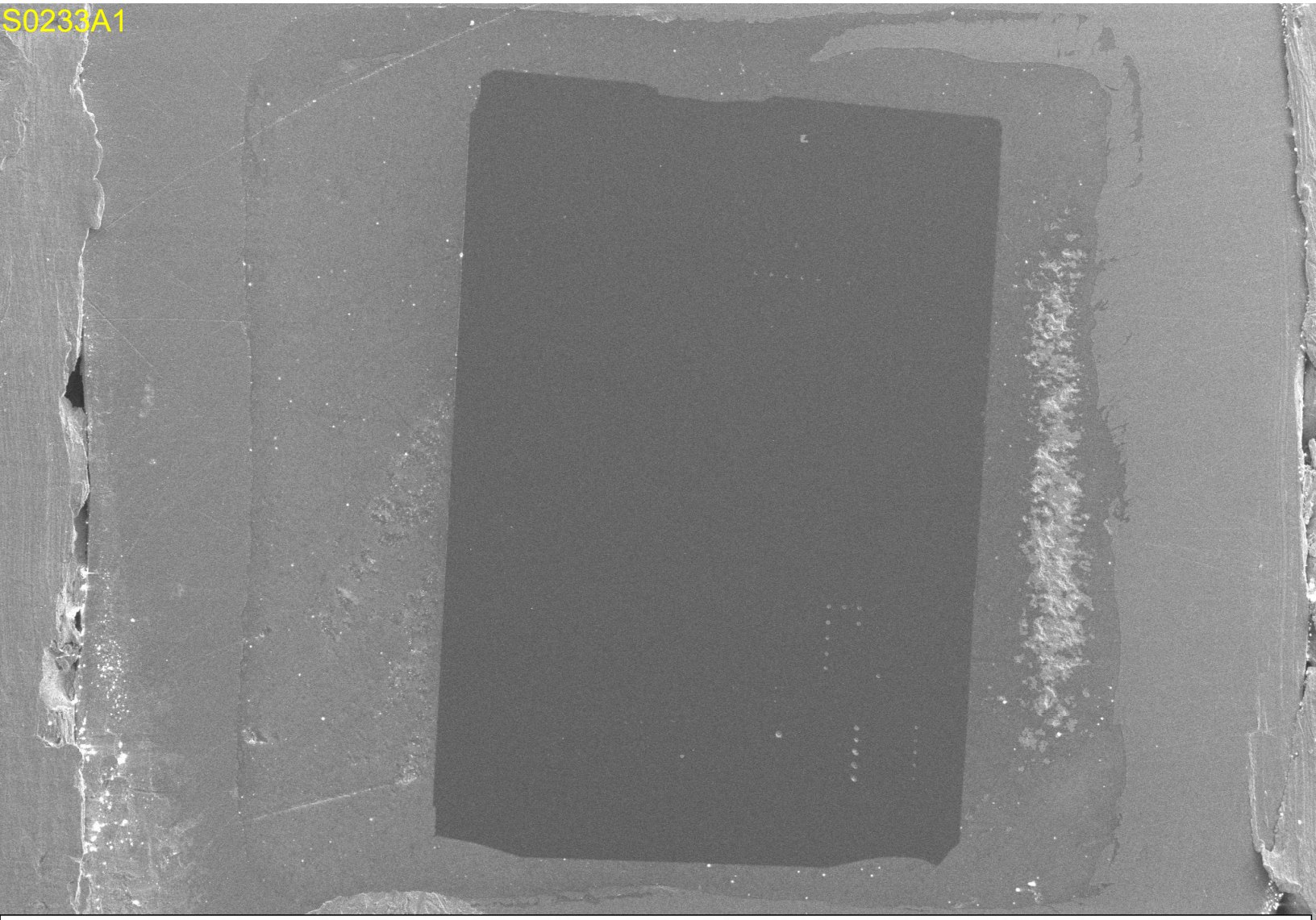


100 µm*

Mag = 533 X WD = 15.0 mm Signal A = Aux 1 EHT = 15.00 kV Date :24 Mar 2020

Specimen I = -1.42 nA File Name = SEM20013_M1609_S0270L_CL_1.tif

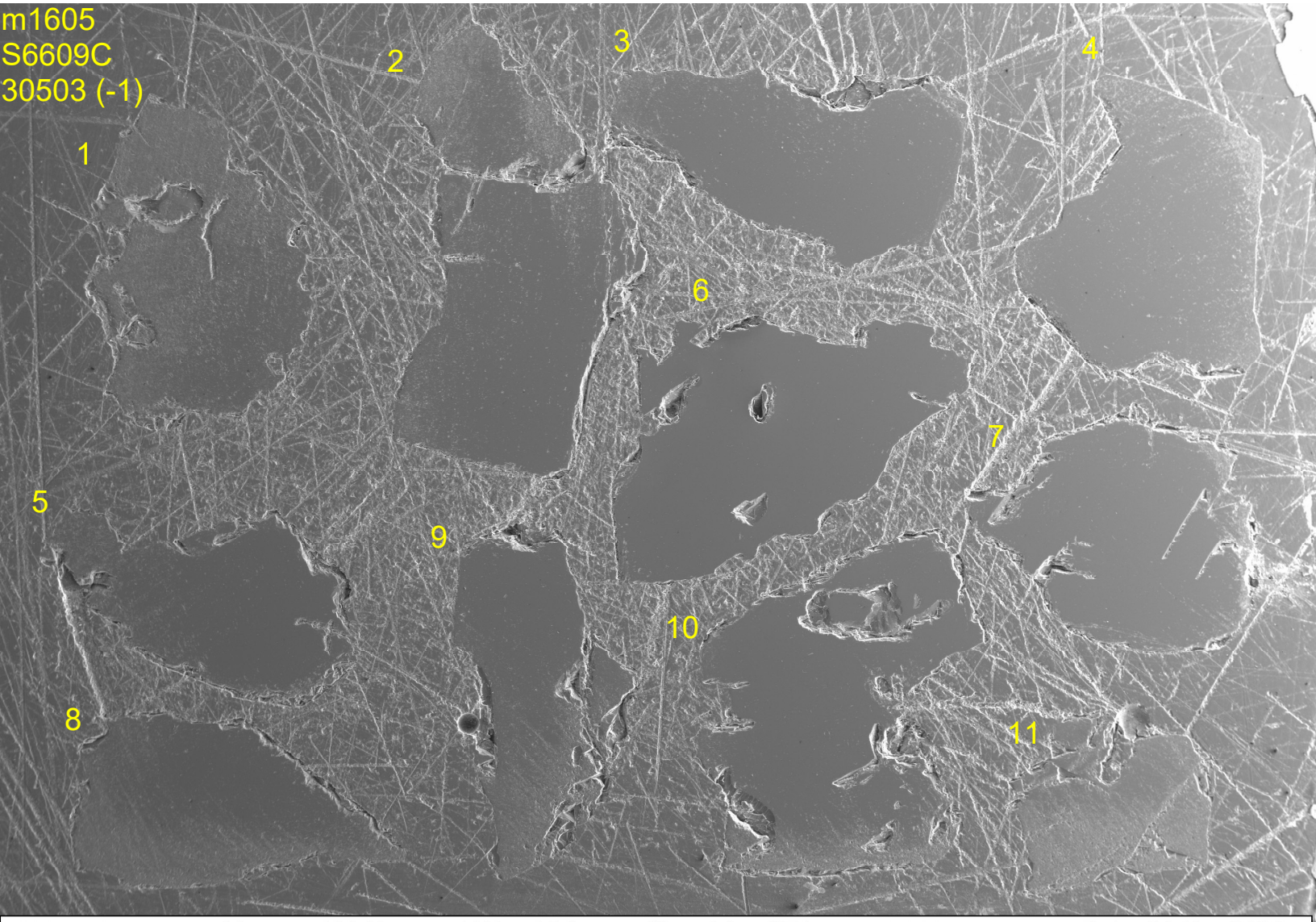

S0233A1
100 µm*
Mag = 324 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -1.58 nA
File Name = SEM20013_M1609_S0233A1_SE_1.tif

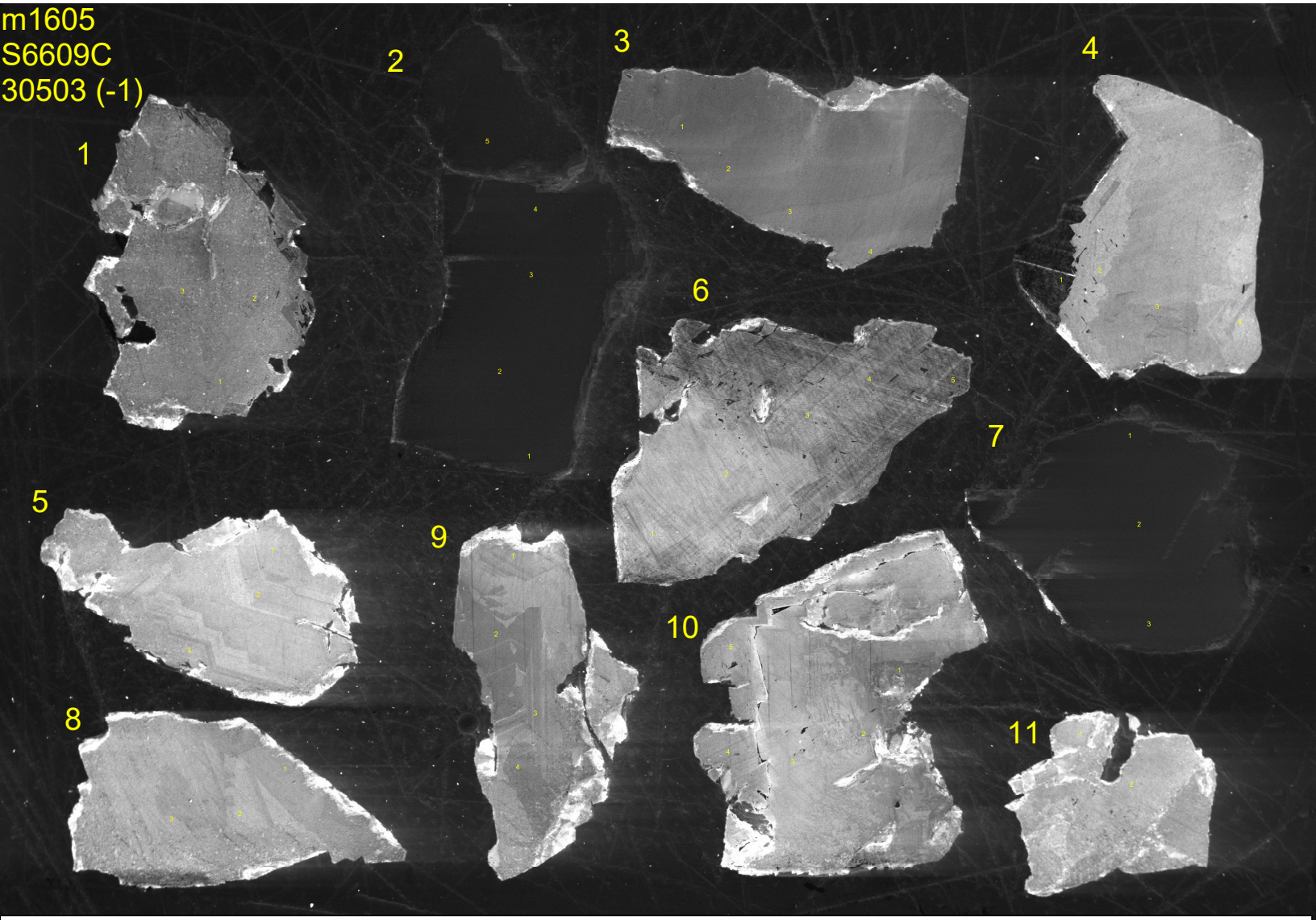


100 µm*

Mag = 324 X WD = 15.0 mm Signal A = Aux 1 EHT = 15.00 kV Date :24 Mar 2020

Specimen I = -1.58 nA File Name = SEM20013_M1609_S0233A1_CL_1.tif

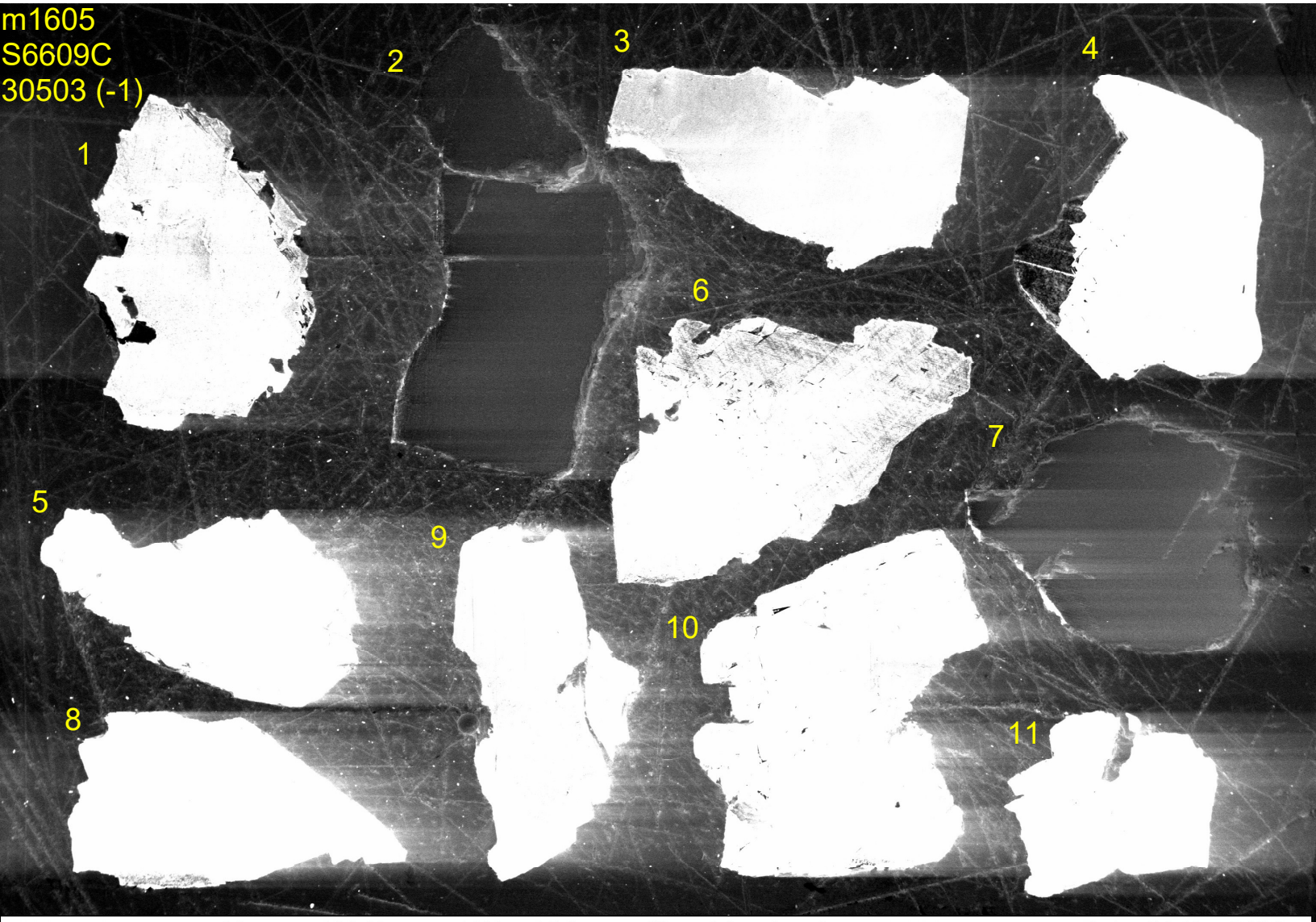

m1605
S6609C
30503 (-1)
1
2
3
4
5
6
7
8
9
10
11
200 µm*
Mag = 166 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -3.05 nA
File Name = SEM20013_M1609_m1605_SE_4.tif

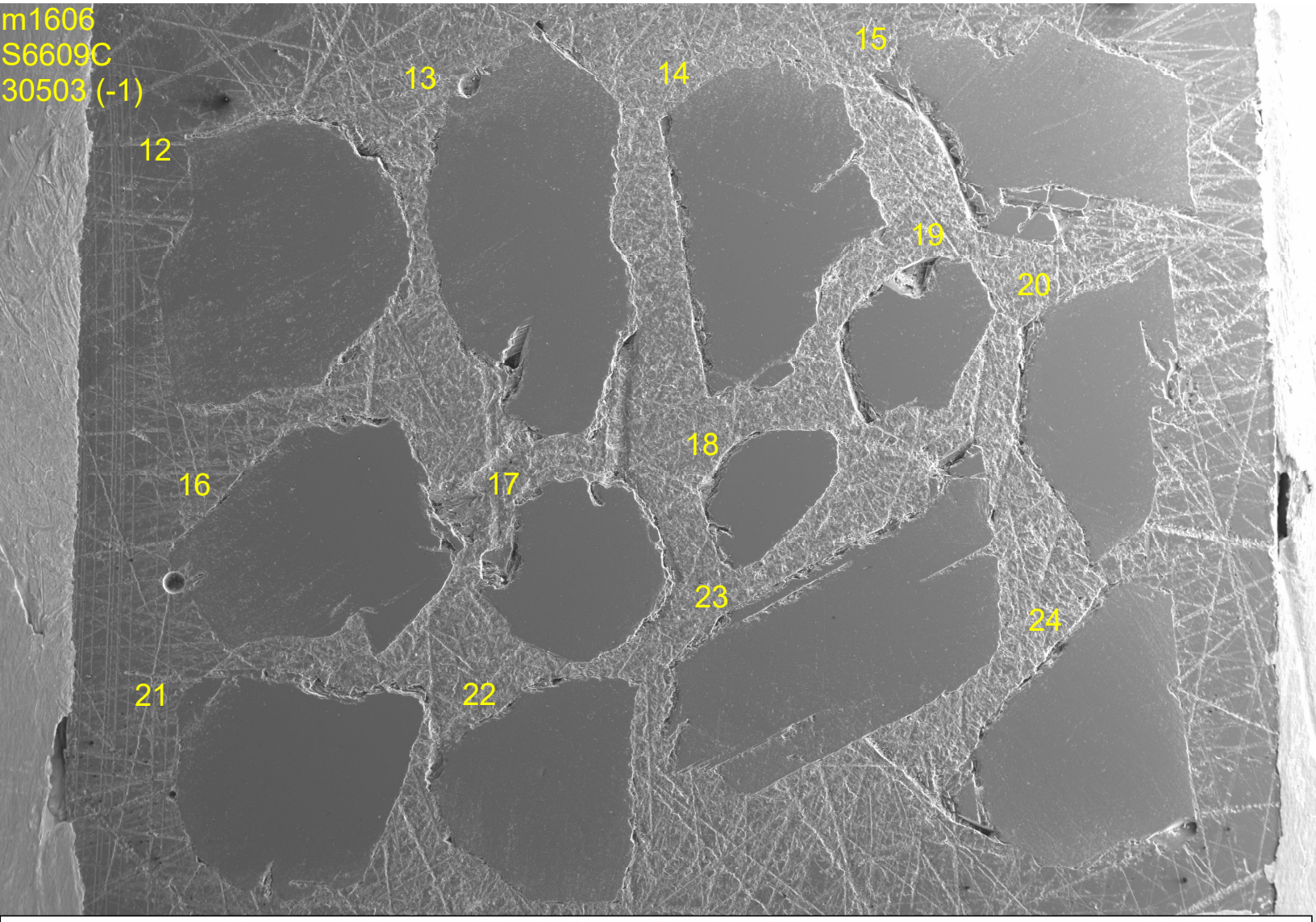


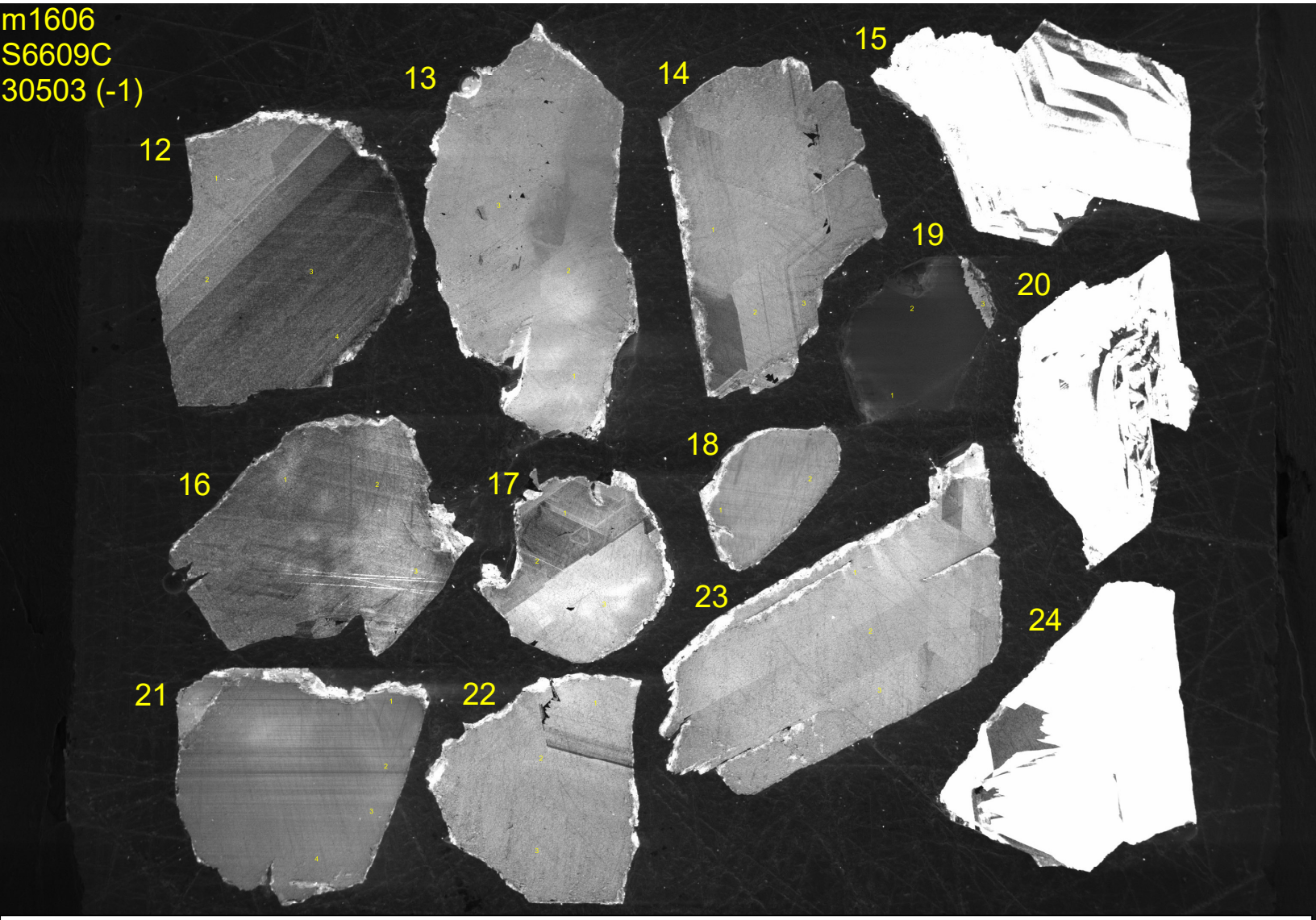
200 µm*

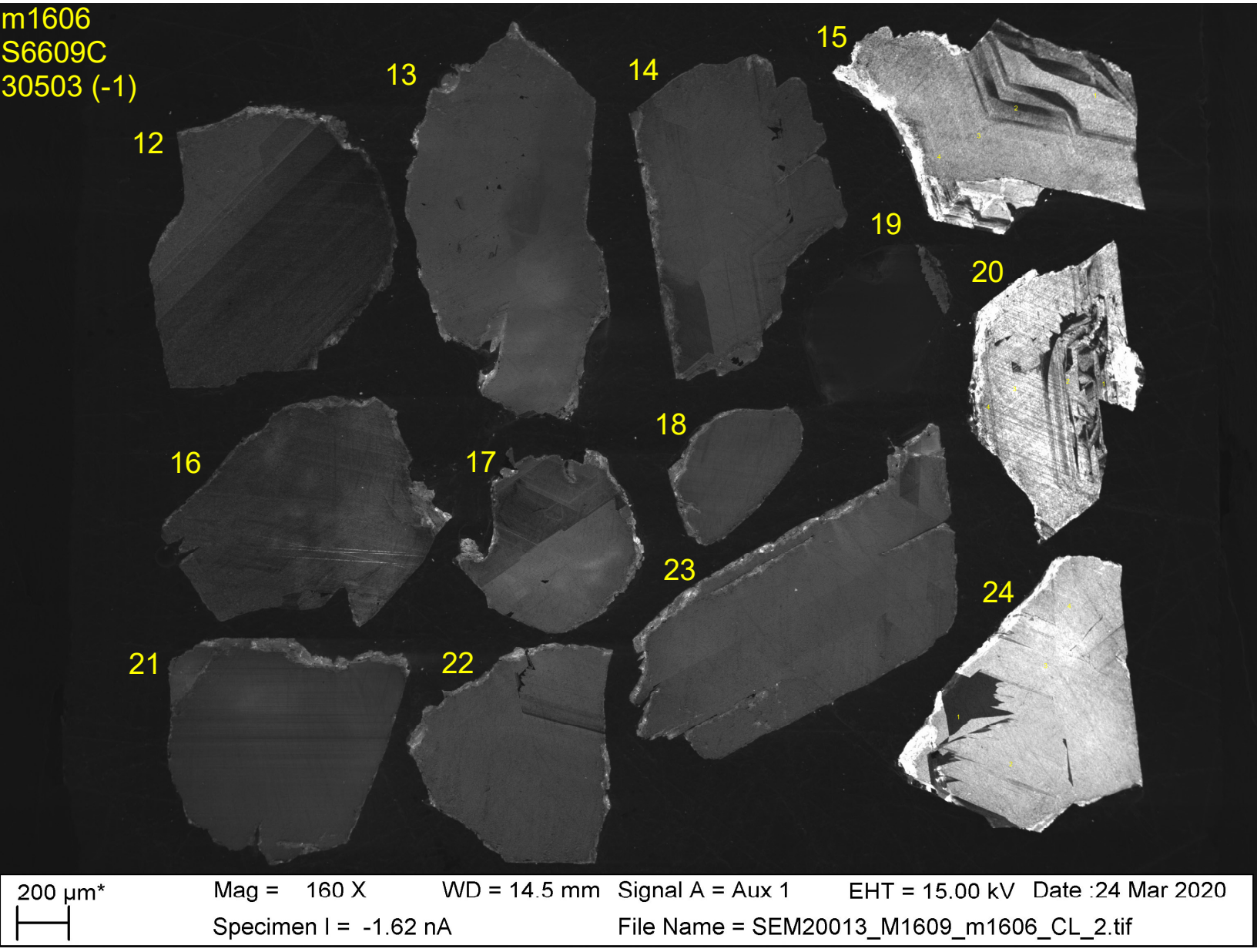
Mag = 166 X WD = 15.0 mm Signal A = Aux 1 EHT = 15.00 kV Date :24 Mar 2020

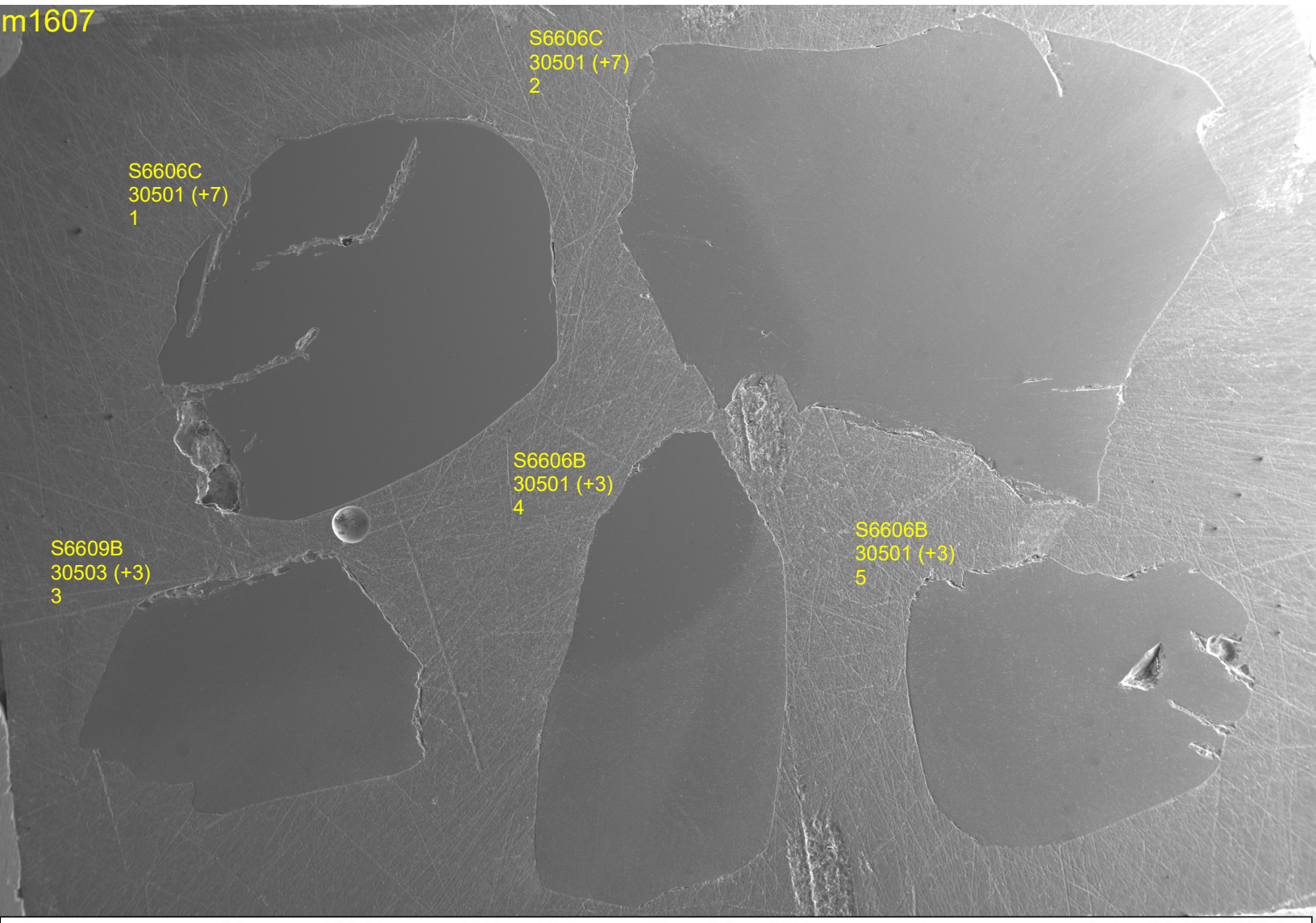
Specimen I = -3.04 nA File Name = SEM20013_M1609_m1605_CL_2.tif


m1605
S6609C
30503 (-1)
1
2
3
4
5
6
7
8
9
10
11
200 µm*
Mag = 166 X
WD = 15.0 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.99 nA
File Name = SEM20013_M1609_m1605_CL_3.tif


m1606
S6609C
30503 (-1)
12
13
14
15
16
17
18
19
20
21
22
23
24
200 µm*
Mag = 160 X
WD = 14.5 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -1.74 nA
File Name = SEM20013_M1609_m1606_SE_5.tif


m1606
S6609C
30503 (-1)
12
13
14
15
16
17
18
19
20
21
22
23
24
200 µm*
Mag = 160 X
WD = 14.5 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.73 nA
File Name = SEM20013_M1609_m1606_CL_3.tif

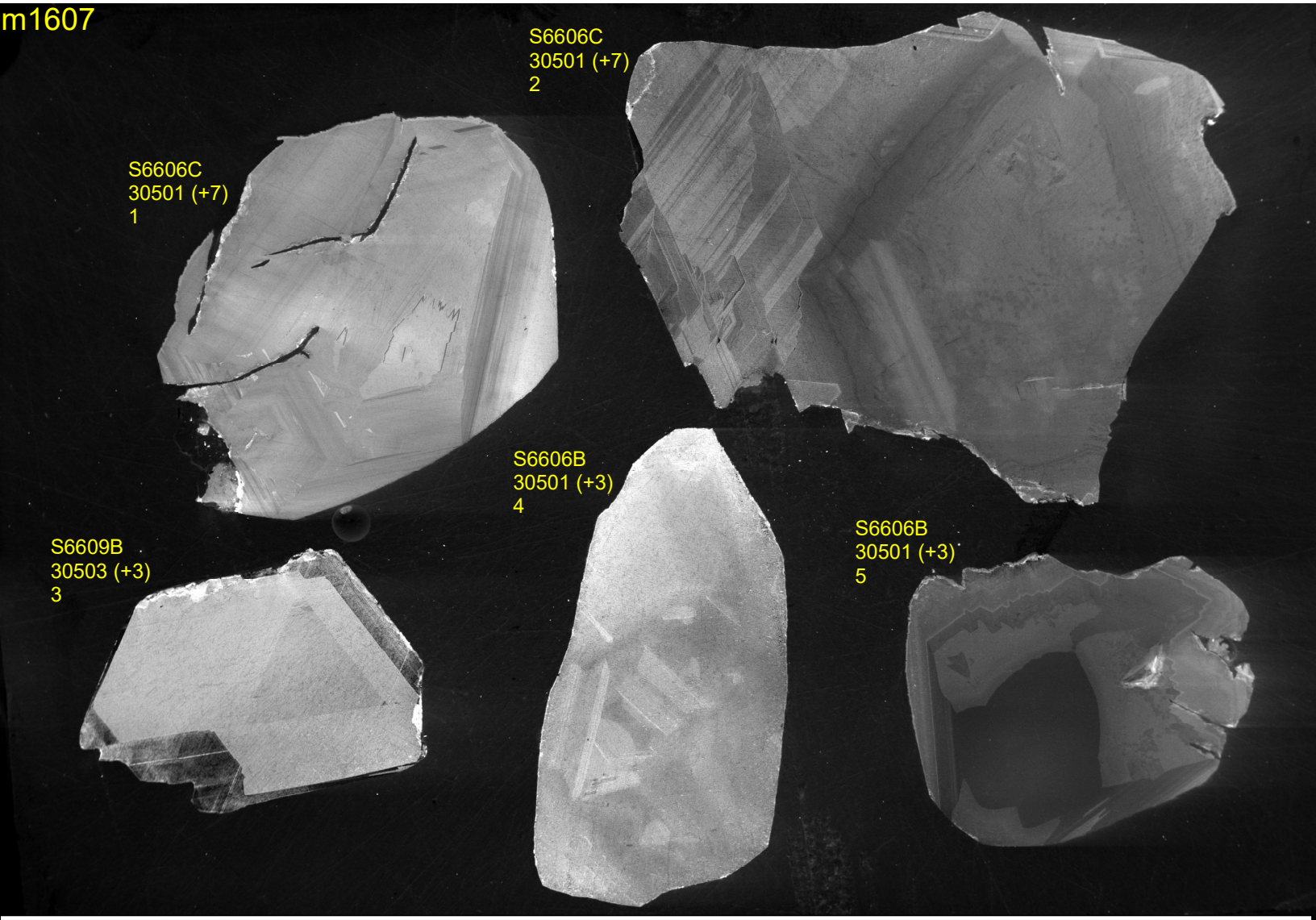

m1606
S6609C
30503 (-1)
12
13
14
15
19
20
16
17
18
23
24
21
22
200 µm*
Mag = 160 X
WD = 14.5 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -1.62 nA
File Name = SEM20013_M1609_m1606_CL_2.tif



300 µm*

Mag = 130 X WD = 15.0 mm Signal A = SE1 EHT = 15.00 kV Date :24 Mar 2020

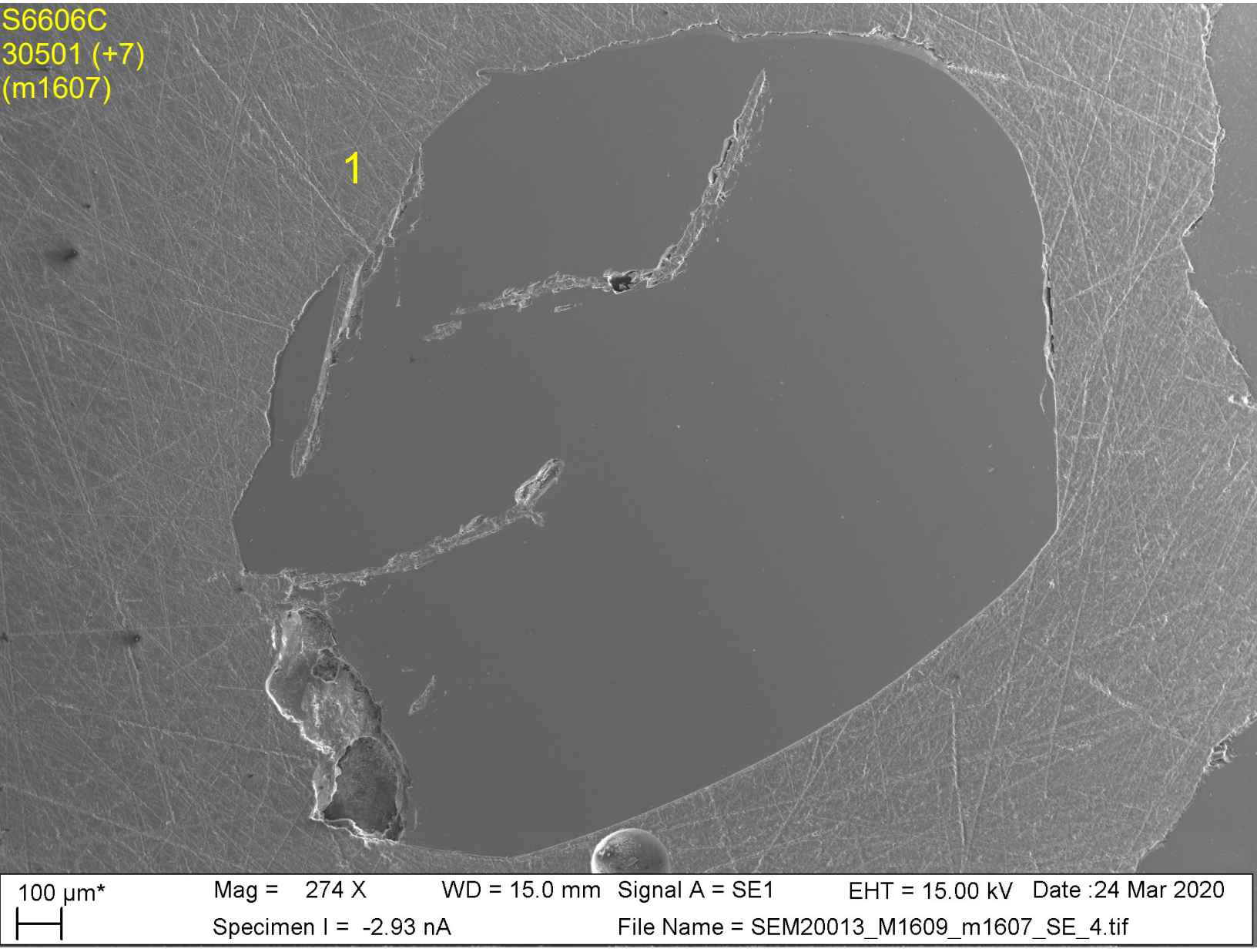
Specimen I = -1.91 nA File Name = SEM20013_M1609_m1607_SE_3.tif

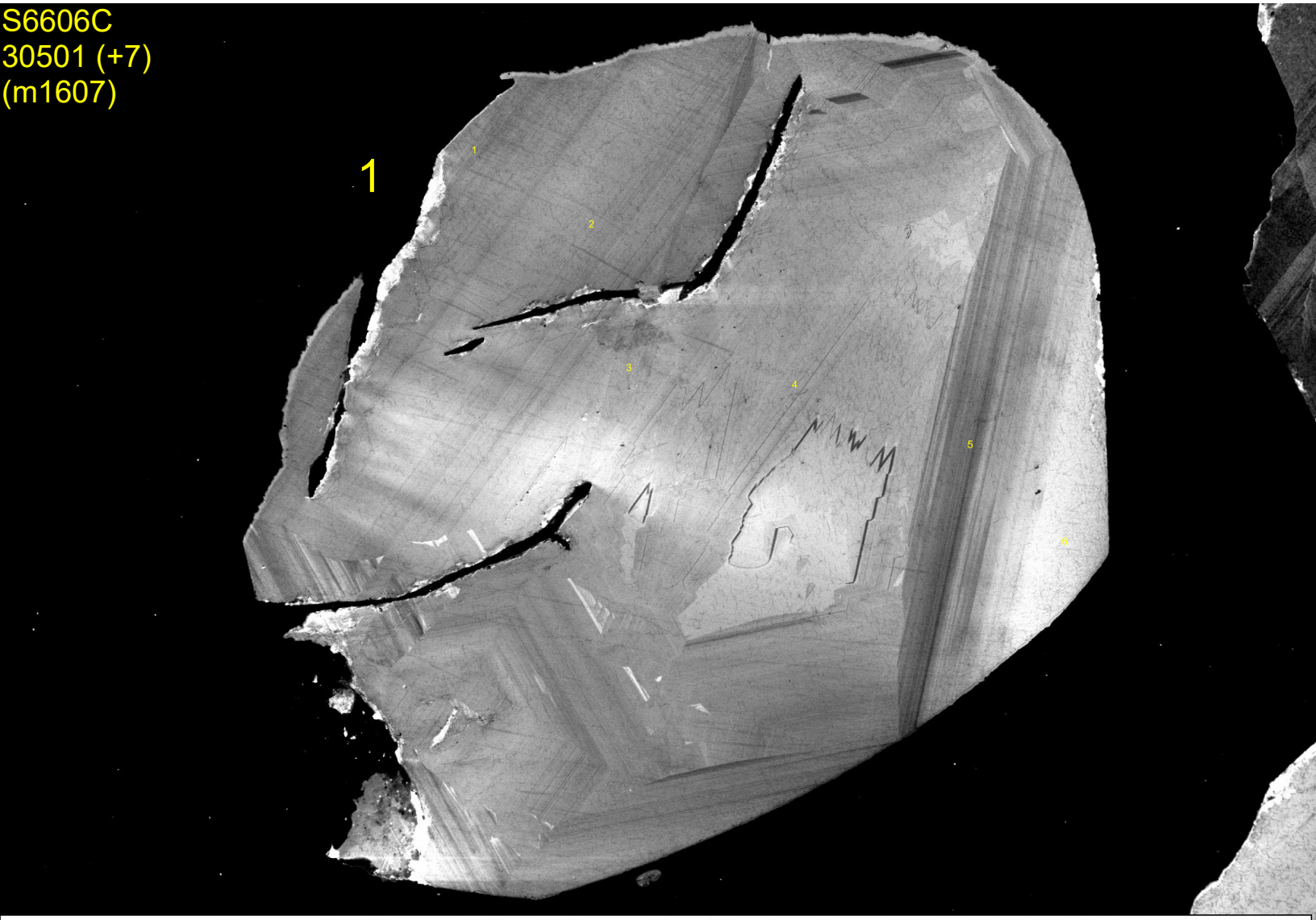


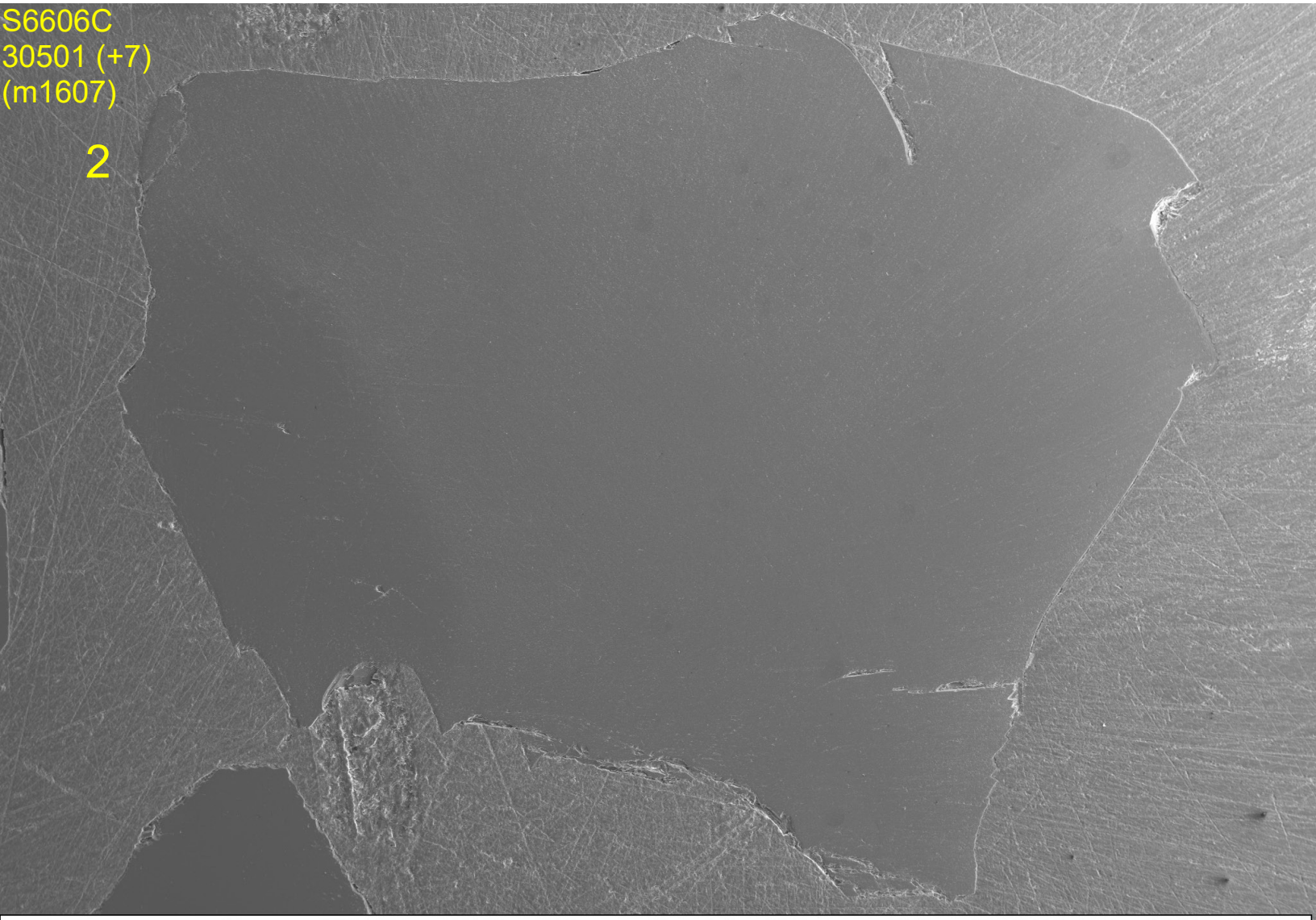
300 µm*

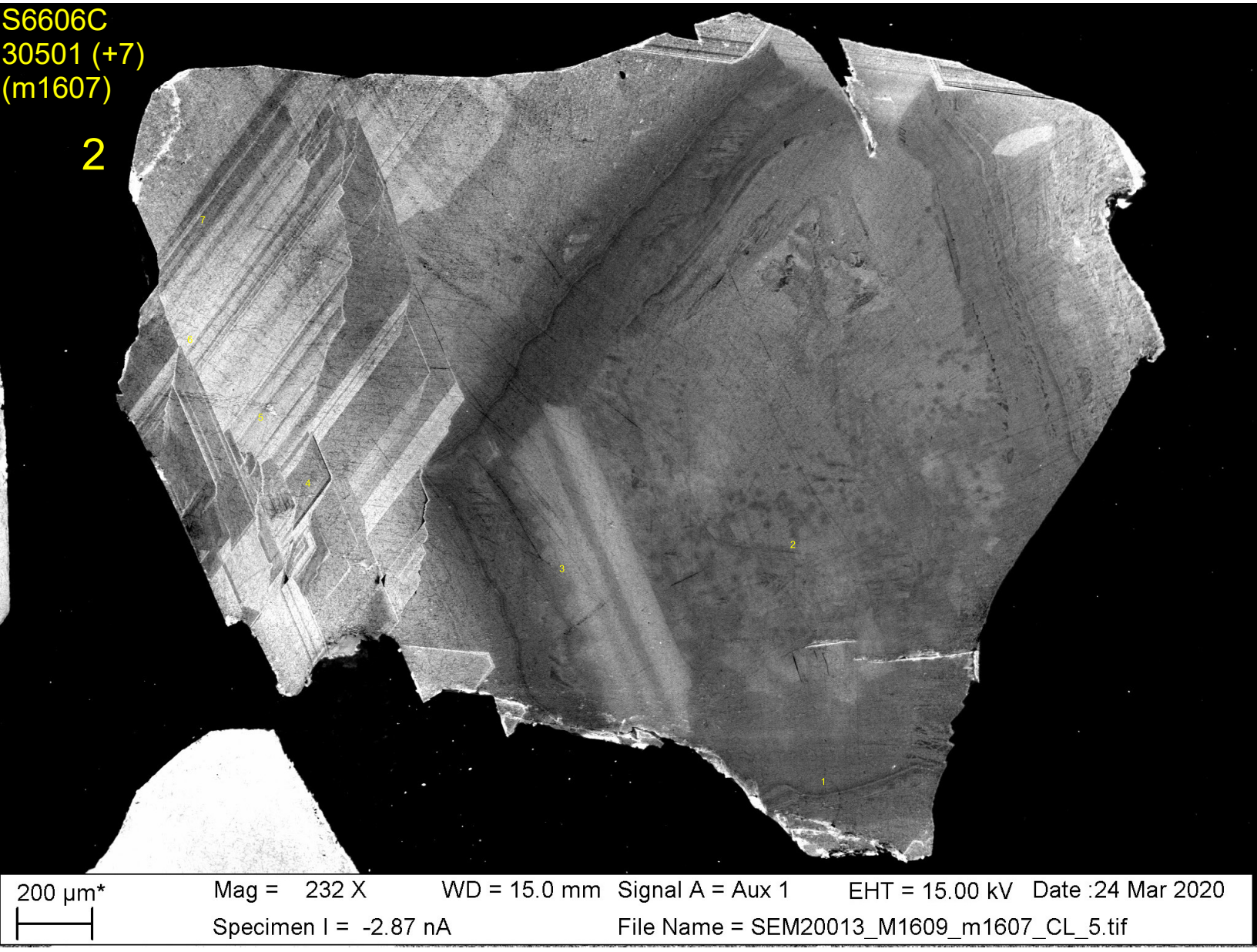
Mag = 130 X WD = 15.0 mm Signal A = Aux 1 EHT = 15.00 kV Date :24 Mar 2020

Specimen I = -2.71 nA File Name = SEM20013_M1609_m1607_CL_2.tif


S6606C
30501 (+7)
(m1607)
1
100 µm*
Mag = 274 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.93 nA
File Name = SEM20013_M1609_m1607_SE_4.tif


S6606C
30501 (+7)
(m1607)
1
100 µm*
Mag = 274 X
WD = 15.0 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.94 nA
File Name = SEM20013_M1609_m1607_CL_4.tif

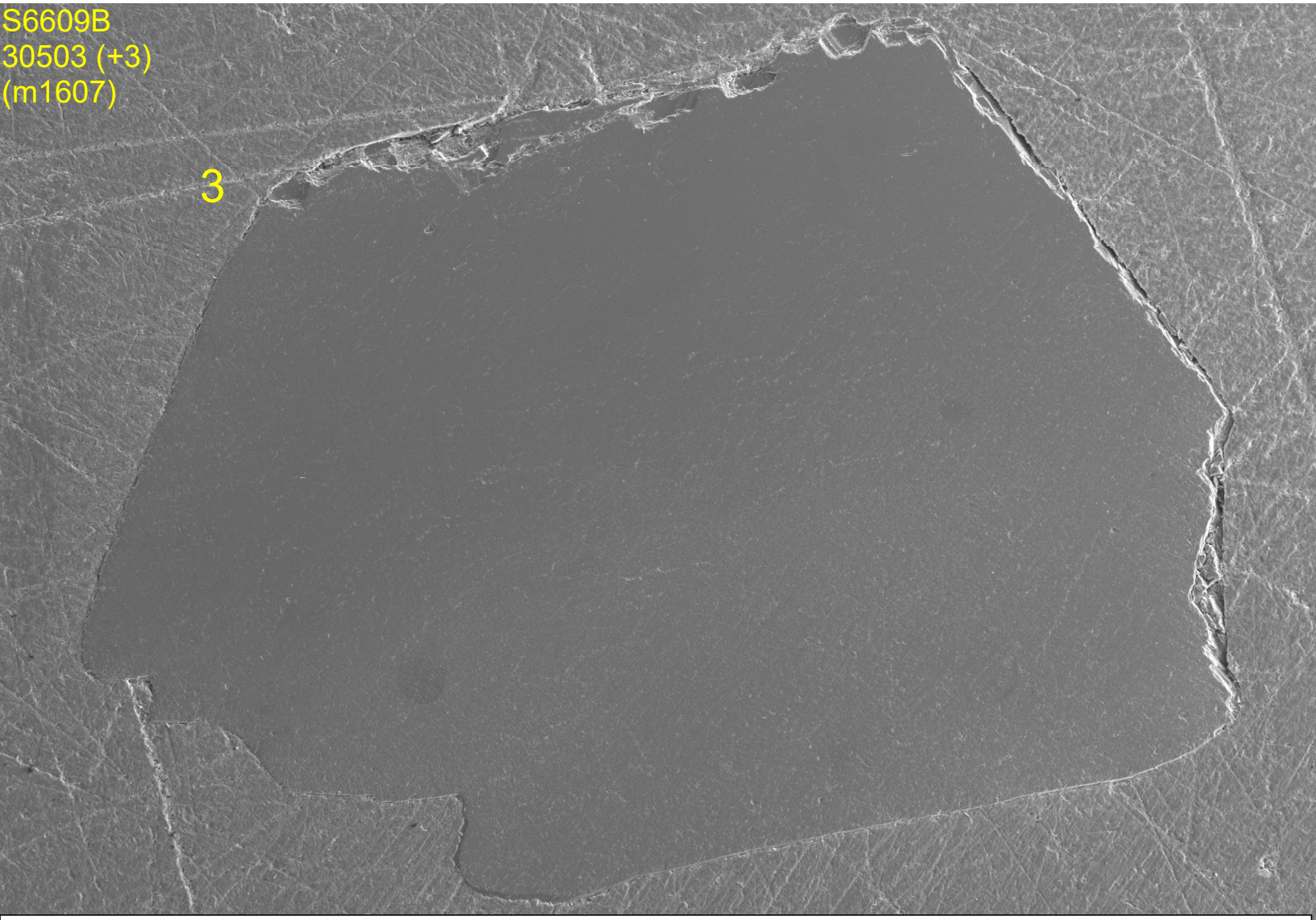

S6606C
30501 (+7)
(m1607)
2
200 µm*
Mag = 232 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.87 nA
File Name = SEM20013_M1609_m1607_SE_5.tif

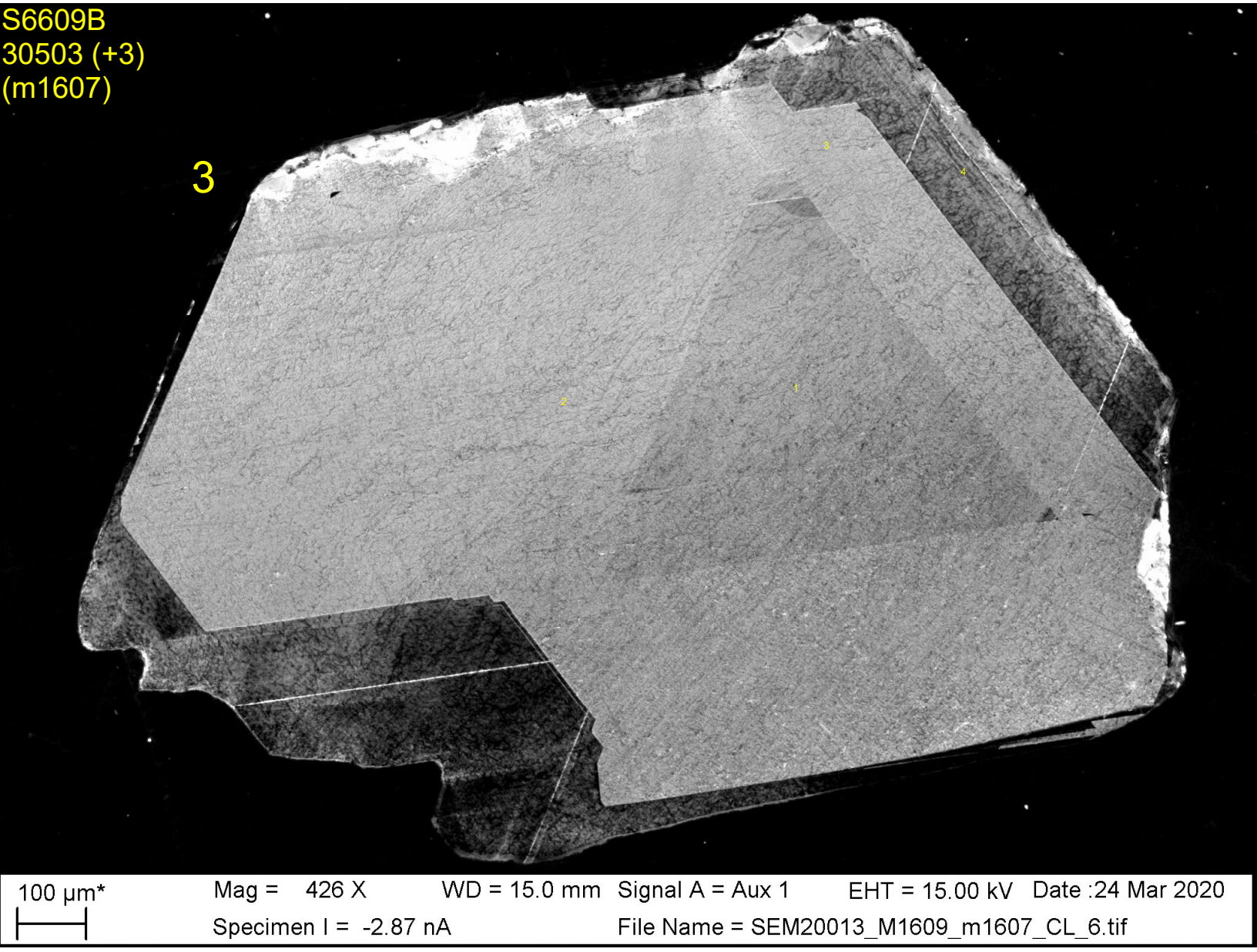


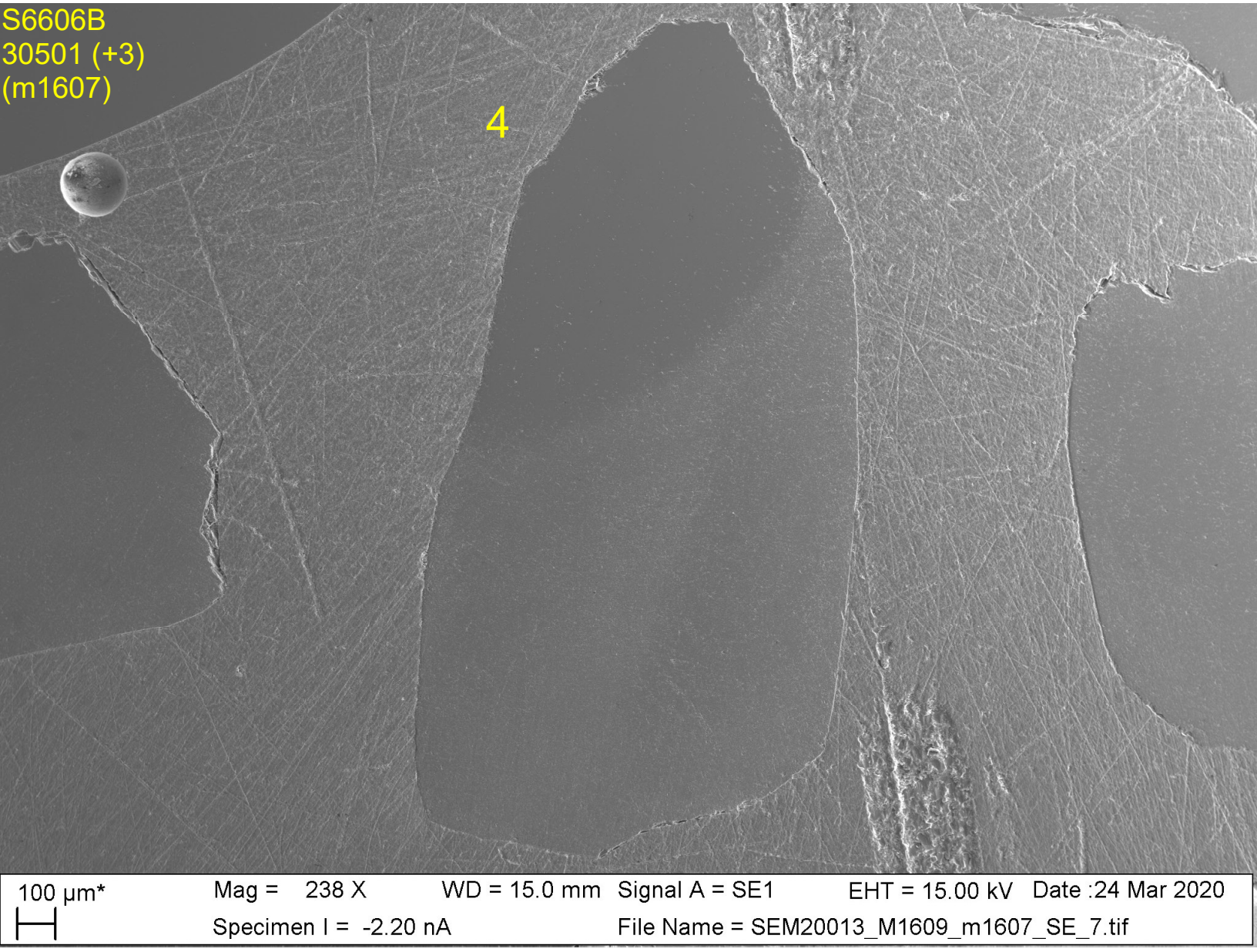
200 µm*

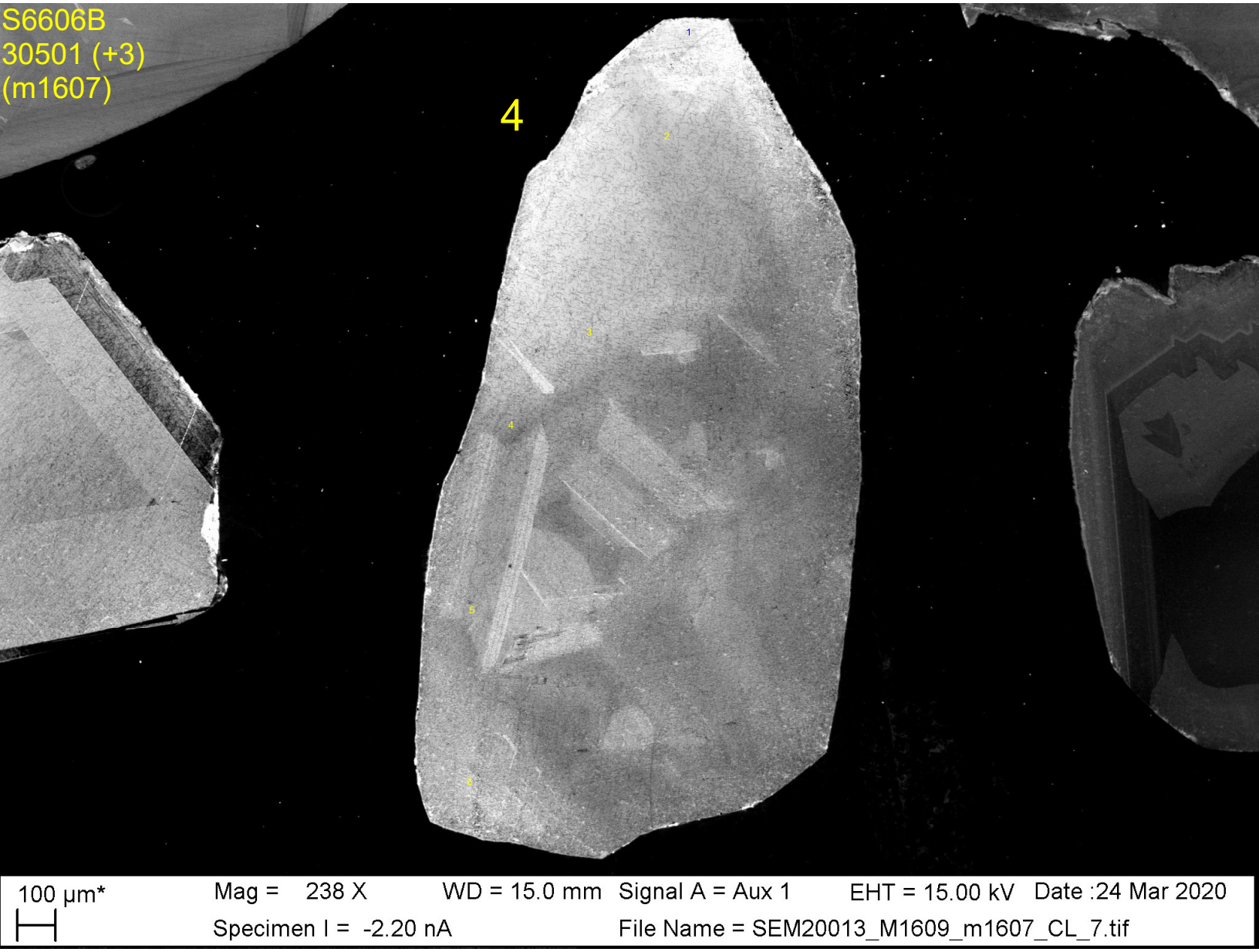
Mag = 232 X WD = 15.0 mm Signal A = Aux 1 EHT = 15.00 kV Date :24 Mar 2020

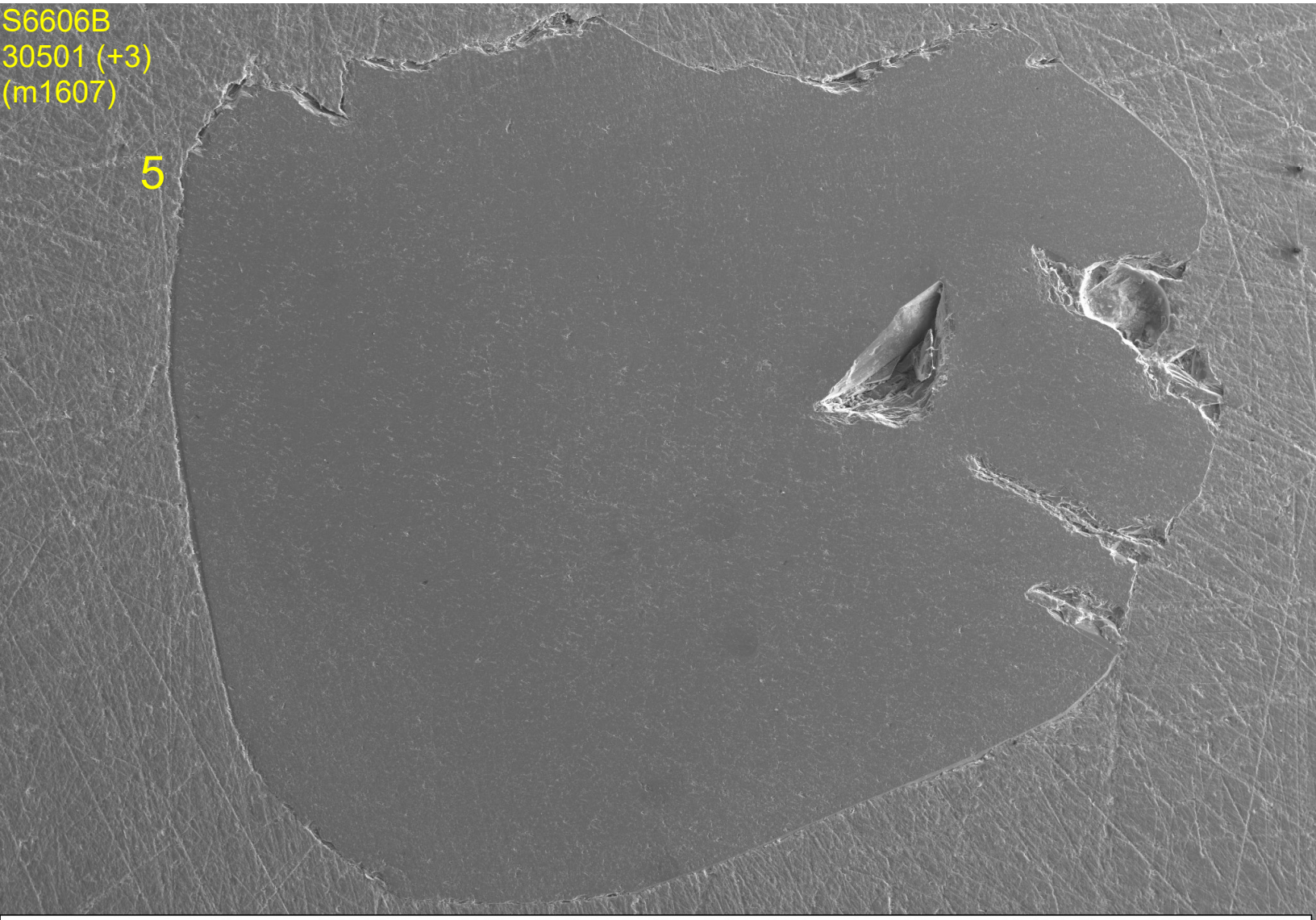
Specimen I = -2.87 nA File Name = SEM20013_M1609_m1607_CL_5.tif

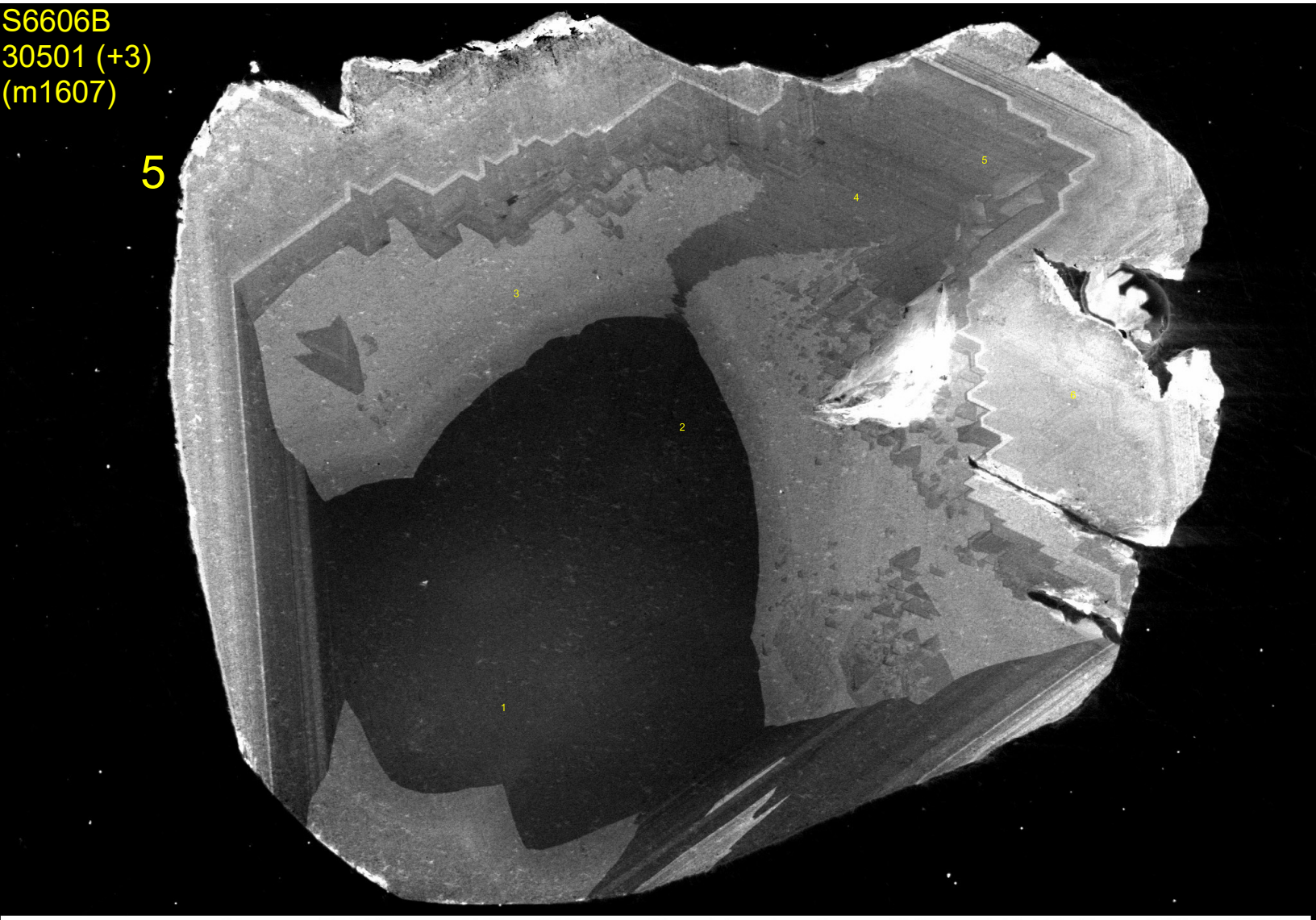

S6609B
30503 (+3)
(m1607)
3
100 µm*
Mag = 426 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.87 nA
File Name = SEM20013_M1609_m1607_SE_6.tif

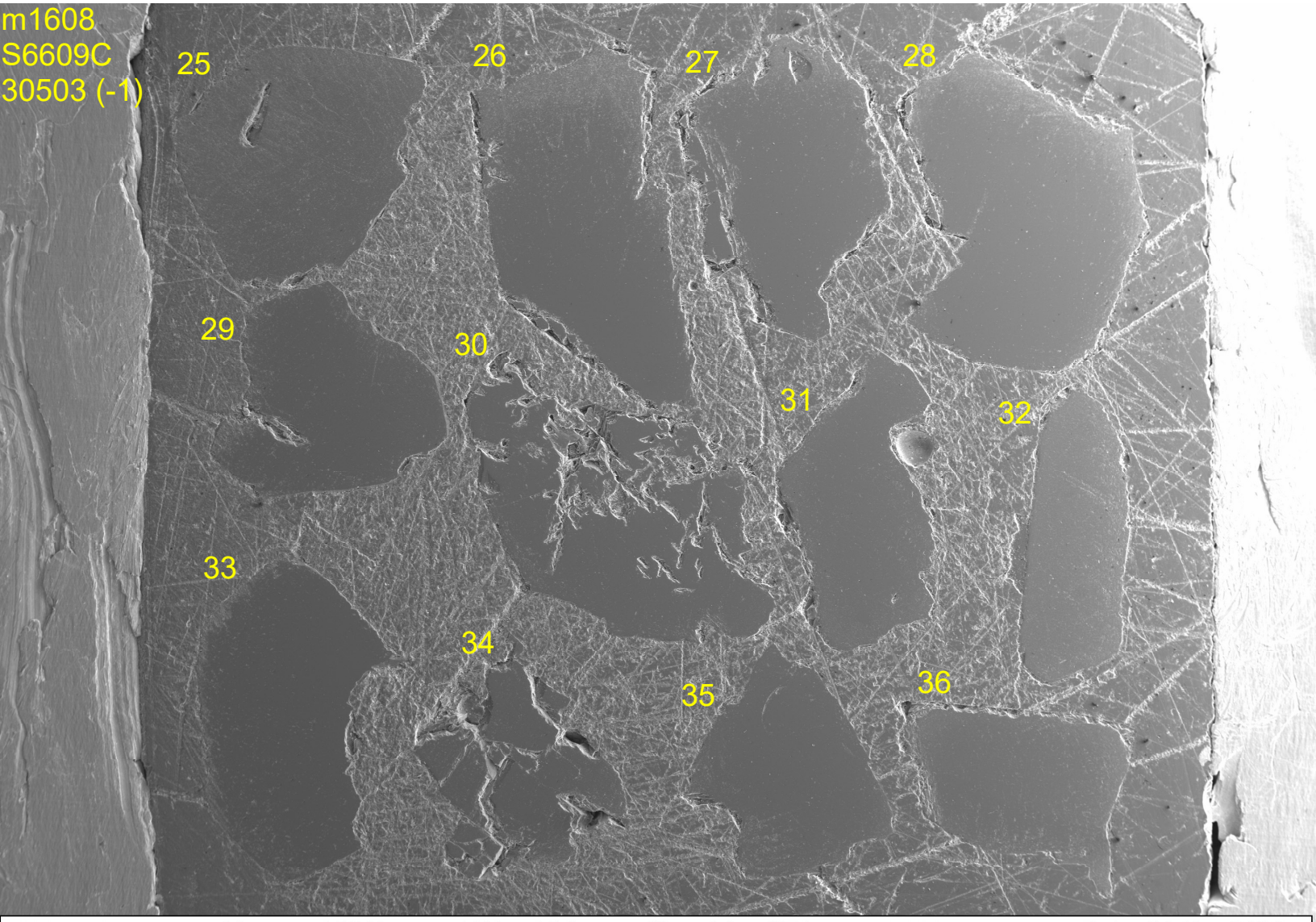

S6609B
30503 (+3)
(m1607)
3
100 µm*
Mag = 426 X
WD = 15.0 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.87 nA
File Name = SEM20013_M1609_m1607_CL_6.tif

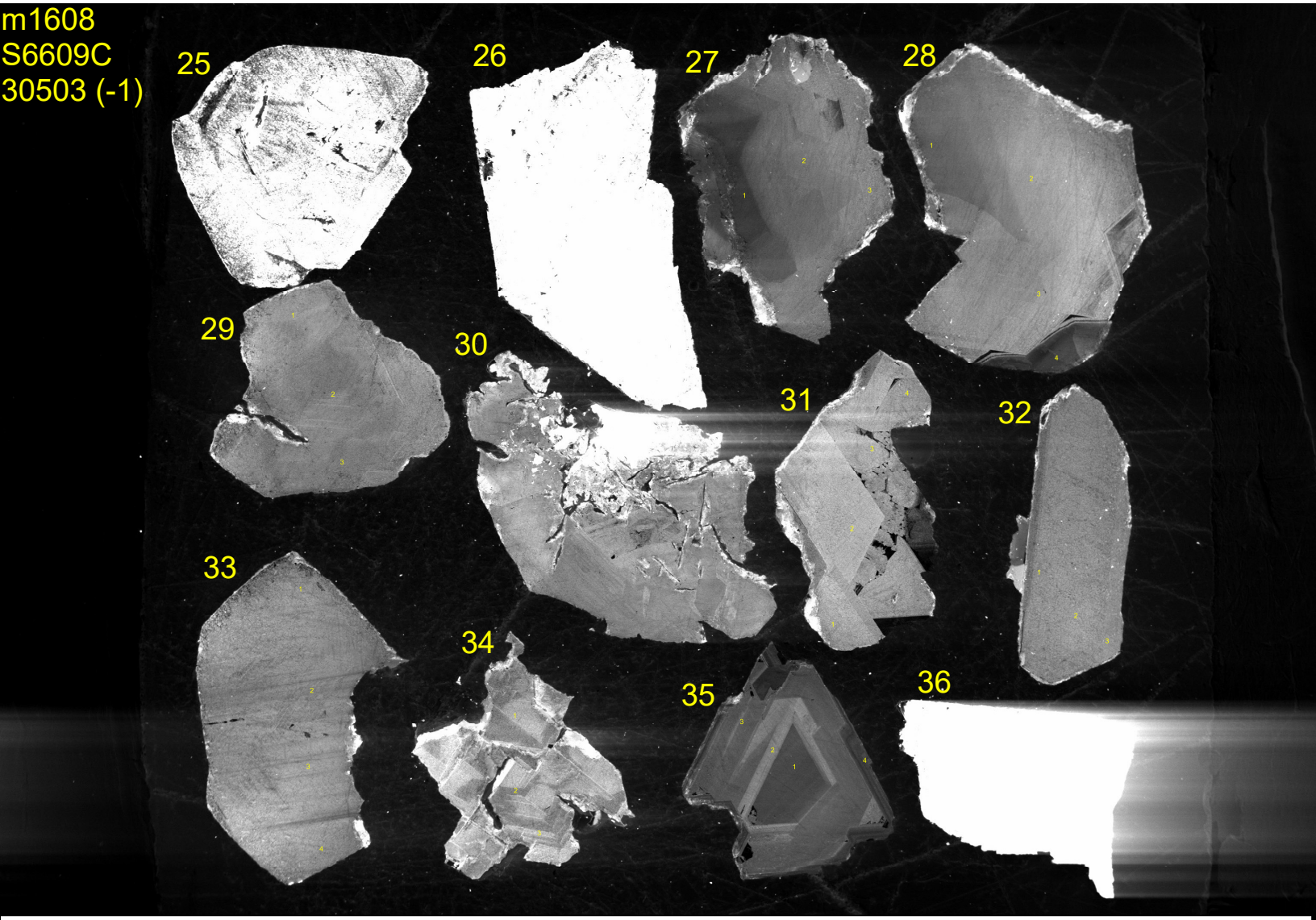

S6606B
30501 (+3)
(m1607)
4
100 µm*
Mag = 238 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.20 nA
File Name = SEM20013_M1609_m1607_SE_7.tif

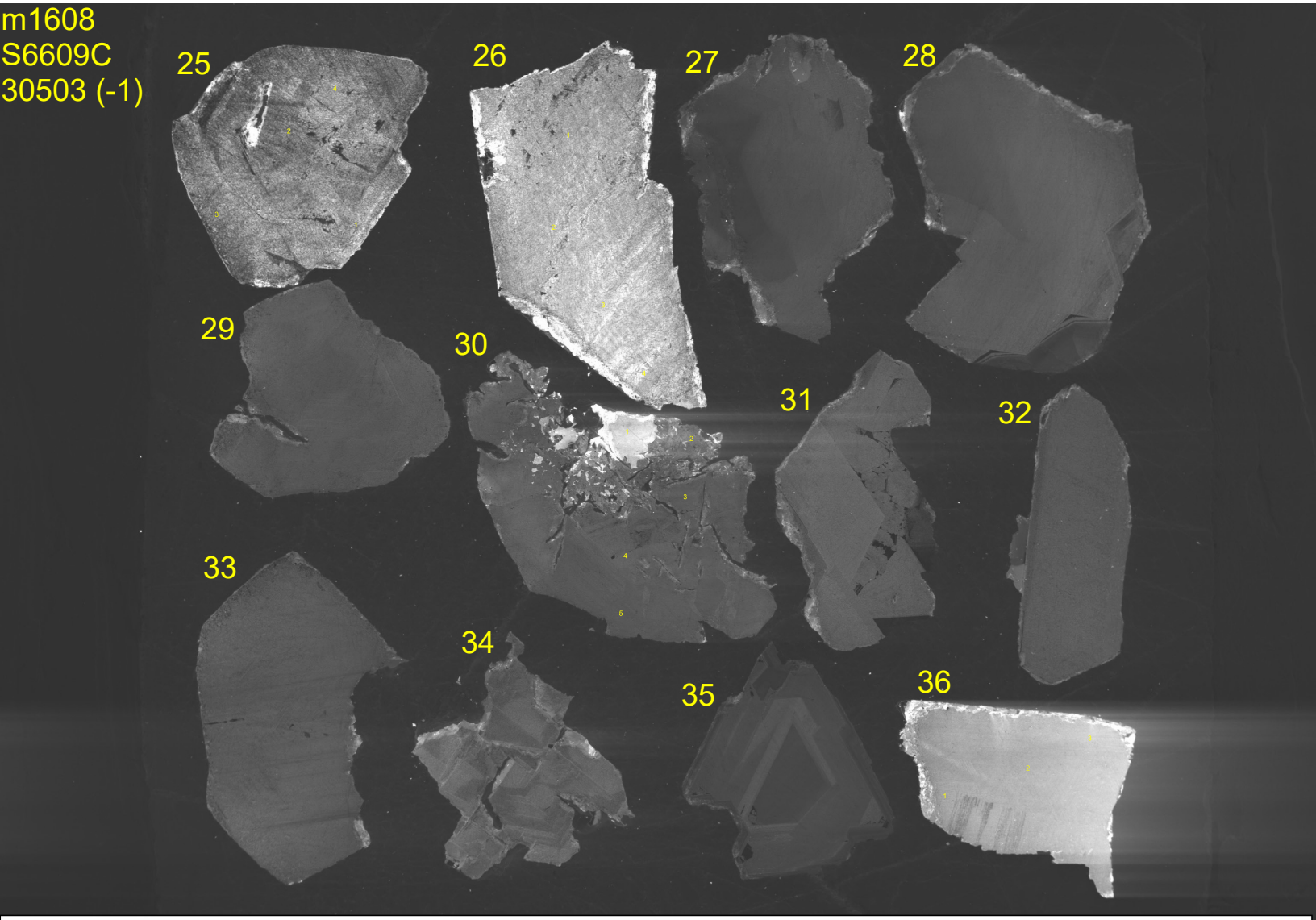

S6606B
30501 (+3)
(m1607)
4
100 µm*
Mag = 238 X
WD = 15.0 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.20 nA
File Name = SEM20013_M1609_m1607_CL_7.tif


S6606B
30501 (+3)
(m1607)
5
100 µm*
Mag = 388 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.79 nA
File Name = SEM20013_M1609_m1607_SE_8.tif


S6606B
30501 (+3)
(m1607)
5
1
2
3
4
5
6
100 µm*
Mag = 388 X
WD = 15.0 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.79 nA
File Name = SEM20013_M1609_m1607_CL_8.tif


m1608
S6609C
30503 (-1)
25
26
27
28
29
30
31
32
33
34
35
36
200 µm*
Mag = 152 X
WD = 15.0 mm
Signal A = SE1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -1.77 nA
File Name = SEM20013_M1609_m1608_SE_4.tif


m1608
S6609C
30503 (-1)
25
26
27
28
29
30
31
32
33
34
35
36
200 µm*
Mag = 152 X
WD = 15.0 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.70 nA
File Name = SEM20013_M1609_m1608_CL_3.tif


m1608
S6609C
30503 (-1)
25
26
27
28
29
30
31
32
33
34
35
36
200 µm*
Mag = 152 X
WD = 15.0 mm
Signal A = Aux 1
EHT = 15.00 kV
Date :24 Mar 2020
Specimen I = -2.71 nA
File Name = SEM20013_M1609_m1608_CL_2.tif