

L= SE1    EHT= 20.0 KV    WD= 23 mm    MAG= X 46.0    PHOTO= 1202    SP.CURRENT= 1.26nA LOCK  
 500  $\mu$ m



IP 3/0

CXA97-A142

7/1/06 X

EHT = 20.0 KV WD = 23 mm  
50.0µm |-----|

MAG = X 436. PHOTO = 1423 R = BSD  
SP. CURRENT = 2.23mA LOCK



6069-2D

EHT = 20.0 KV WD = 23 mm MAG = X 266. PHOTO = 1422 R = BSD  
100  $\mu$ m SP. CURRENT = 2.17nA LOCK



68



70



71

6068-19

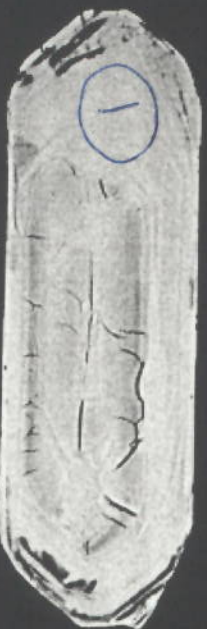
EHT = 20.0 KV WD = 23 mm MAG = X 305. PHOTO = 1421 R = BSD  
100  $\mu$ m | SP. CURRENT = 2.07mA LOCK



64



65



66



67

6068-17



EHT = 20.0 KV WD = 23 mm  
100  $\mu$ m

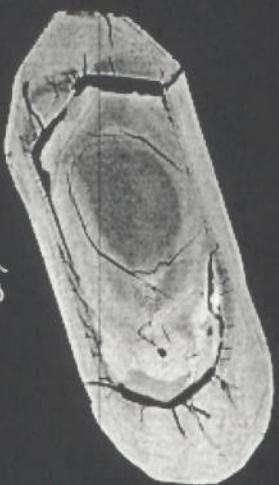
MAG = X 232. PHOTO = 1420 R = BSD  
SP. CURRENT = 2.10nA LOCK



60



61

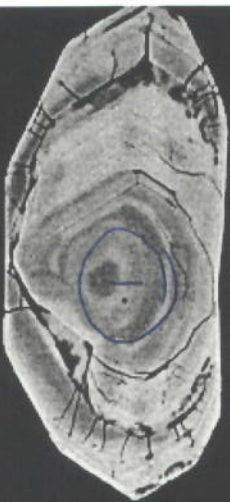


62



63

EHT = 20.0 KV MD = 23 mm MAG = X 266. PHOTO = 1419 R = BSD  
100  $\mu$ m SP. CURRENT = 2.16nA LOCK



56



57



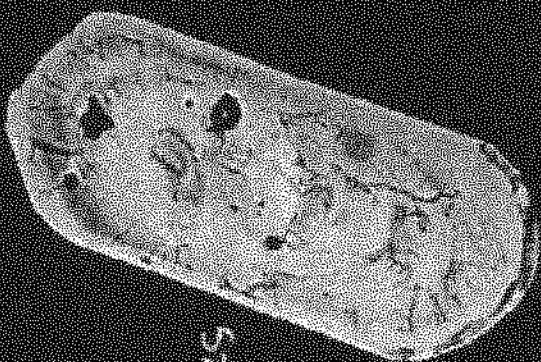
58



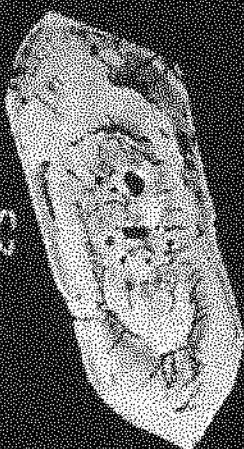
59

EH1 - 20.0 KV 40-23 mm  
100 µm |

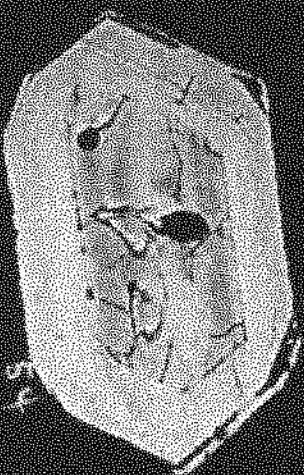
MAG - X 270. PHOTO - 1418 R - PSD  
SP. CURRENT - 2.21mA LDCX



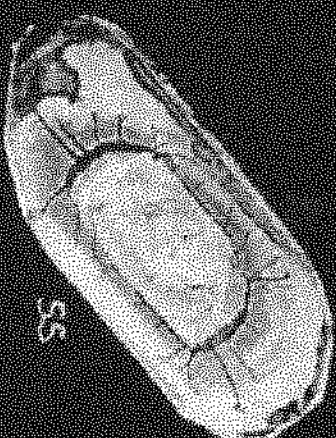
S2



S3



S4



S5

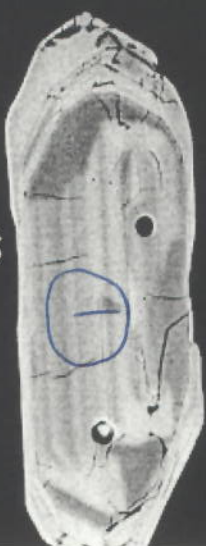
EHT = 20.0 KV WD = 23 mm MAG = X 257. PHOTO = 1417 R = BSD  
100  $\mu$ m SP. CURRENT = 2.14nA LOCK



48



50



49



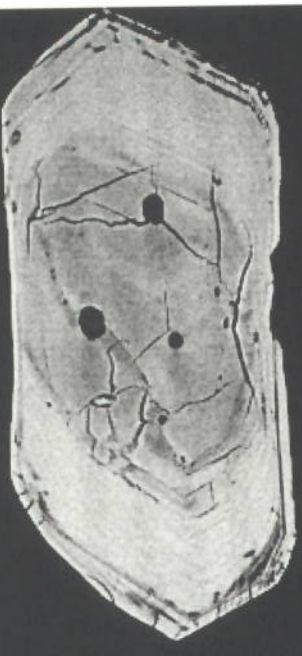
51

6068-14



EHT = 20.0 kV WD = 23 mm  
100  $\mu$ m

MAG = X 240. PHOTO = 1416 R = BSD  
SP. CURRENT = 2.25nA LOCK



6067-13

EHT = 20.0 KV MD = 23 mm  
50.0µm

MAG = X 470. PHOTO = 1415 R = BSD  
SP. CURRENT = 2.22nA LOCK



42



43

EHT = 20.0 KV WD = 23 mm MAG = X 292. PHOTO = 1414 R = BSD  
100  $\mu$ m SP. CURRENT = 2.18nA LOCK



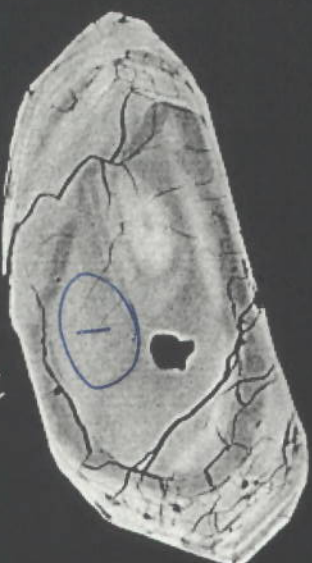
38



39



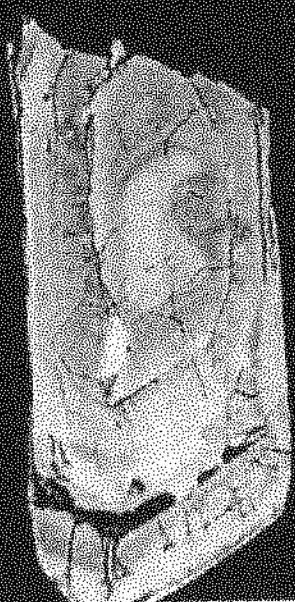
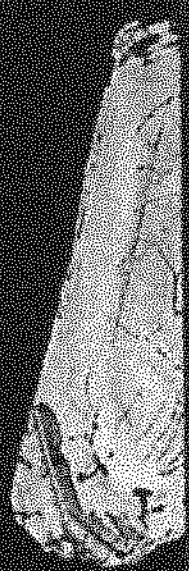
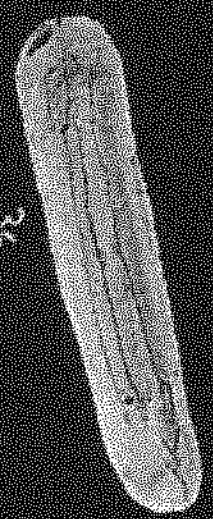
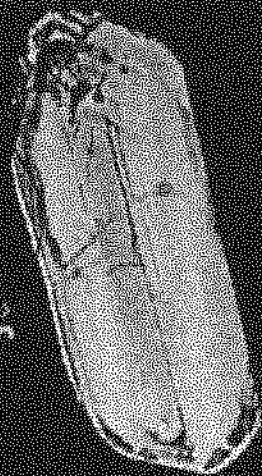
40



41

6048-11

EH1 - 20.0 KV WD - 23 mm MAG - X 275. PHOTO - 1413 R - ESD  
100 µm SP. CURRENT - 2.14µA LOCK





EHT = 20.0 kV WD = 23 mm  
100  $\mu$ m

MAG = X 212. PHOTO = 1412 R = BSD  
SP. CURRENT = 2.21nA LOCK



31



32



33



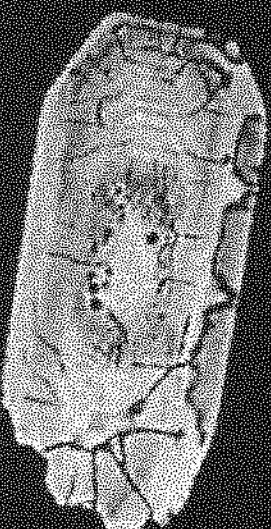
34

EMI - 20.0 KV AD - 23 mm  
SD. 0µm

MPC - X 492. PHOTO - 1441 P - BSD  
SP. CURRENT - 2.23mA LOCK



29



30

EHT = 20.0 kV WD = 23 mm MAG = X 275. PHOTO = 1410 R = BSD  
100  $\mu$ m SP. CURRENT = 2.21nA LOCK



25



26



27



28

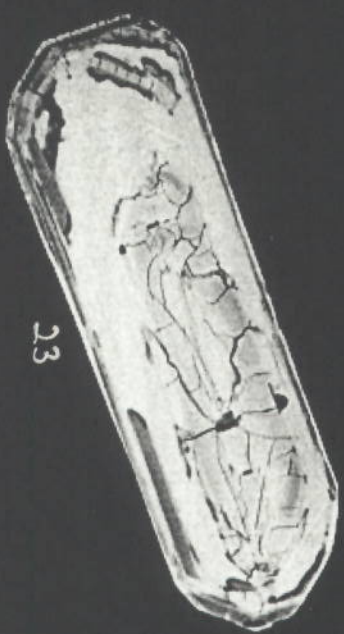
EHT = 20.0 KV WD = 23 mm MAG = X 281. PHOTO = 1403 R = BSD  
100  $\mu$ m SP. CURRENT = 2.13nA LOCK



21



22



23



24

6068-6



EHT = 20.0 KV WD = 23 mm  
100  $\mu$ m

MAG = X 214. PHOTO = 1408 R = BSD  
SP. CURRENT = 2.26nA LOCK



17



18

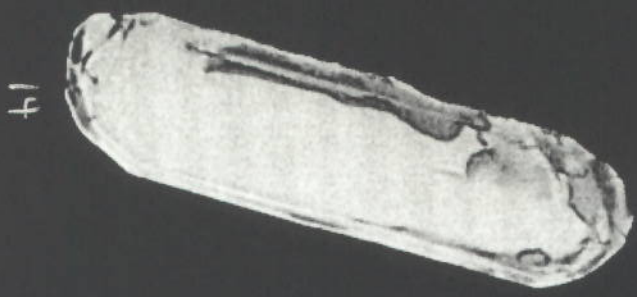


19



20

EHT = 20.0 KV WD = 23 mm MAG = X 384. PHOTO = 1407 R = BSD  
100  $\mu$ m SP. CURRENT = 2.12nA LOCK



6068-4

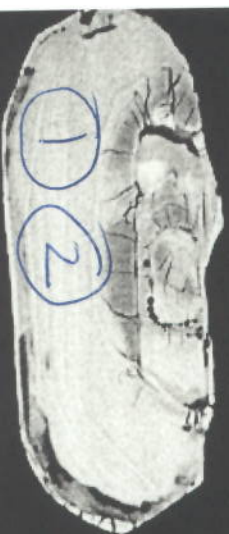
EHT = 20.0 KV MD = 23 mm MAG = X 306. PHOTO = 1406 R = BSD  
100  $\mu$ m SP. CURRENT = 2.27nA LOCK



10



11



12



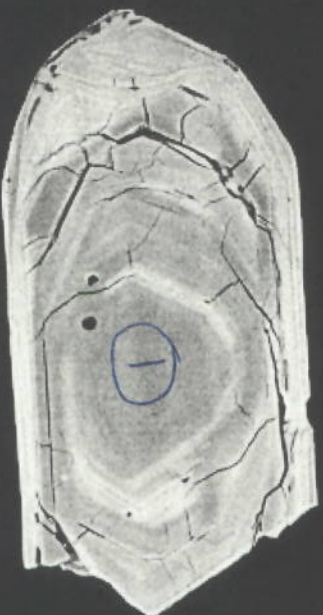
13

EHT = 20.0 kV MD = 23 mm  
100  $\mu$ m

MAG = X 266. PHOTO = 1405 R = BSD  
SP. CURRENT = 2.21nA LOCK



6



7



8



9



EHT = 20.0 kV WD = 23 mm  
100  $\mu$ m

MAG = X 210. PHOTO = 1404 R = BSD  
SP. CURRENT = 2.11nA LOCK

