**Data for Crystals Grown in SEM Lab (30pa Runs)**

Data Chart Template

| Crystal ID | Segment Image | Kmag Graph |
| --- | --- | --- |
| Pressure |
| Temp |
| Time since first image |
| Kmag Spikes |
| Facet |
| Roughness Type (G, R, or E) |

**7/18/2023**

| Case 1.1 |  |  |
| --- | --- | --- |
| 40pa |
| -36°C |
| 4:35 |
| K1 = 0.145  K2 = 0.655 |
| Prismatic |
| Growth |

| Case 1.2 |  |  |
| --- | --- | --- |
| 40pa |
| -34°C |
| 6:42 |
| k1 = 0.151  k2 = 0.327  k3 = 0.461  k4 = 0.982 |
| Prismatic |
| Growth or Eq |

| Case 1.3 |  |  |
| --- | --- | --- |
| 50pa |
| -32°C |
| 8:28 |
| K1 = 0.145  K2 = 0.210  K3 = 0.461 |
| Prismatic |
| Equilibrium? |

| Case 1.4 |  |  |
| --- | --- | --- |
| 50pa |
| -30.8°C |
| 10:30 |
| k1 = 0.155  k2 = 0.324 |
| Prismatic |
| Ablation |

| Case 2.1 |  |  |
| --- | --- | --- |
| 30pa |
| -38.3°C |
| 2:20 |
| K1 = 0.229  K2 = 0.512 |
| Prismatic |
| Growth |

| Case 2.2 |  |  |
| --- | --- | --- |
| 40pa |
| -36.4°C |
| 4:30 |
| K1 = 0.229  K2 = 0.512  K3 = 0.916 |
| Prismatic |
| Eq |

| Case 2.3 |  |  |
| --- | --- | --- |
| 40pa |
| -34.7°C |
| 6:25 |
| K1 = 0.229  K2 = 0.458  K3 = 0.724  K4 = 0.944 |
| Prismatic |
| Ablation |

| Case 2.4 |  |  |
| --- | --- | --- |
| 40pa |
| -32.8°C |
| 8:15 |
| K1 = 0.327 |
| Prismatic |
| Ablation |

| Case 3.1 |  |  |
| --- | --- | --- |
| 30pa |
| -38.4°C |
| 2:20 |
| K1 = 0.182  K2 = 0.365 |
| Prismatic |
| Growth |

| Case 3.2 |  |  |
| --- | --- | --- |
| 40pa |
| -36.6°C |
| 4:32 |
| K1 = 0.240  K2 = 0.560  K3 = 0.753 |
| Prismatic |
| Equilibrium? |

| Case 3.3 |  |  |
| --- | --- | --- |
| 40pa |
| -34.7°C |
| 6:58 |
| K1 = 0.428  K2 = 0.856  K3 = 1.530 |
| Prismatic |
| Ablation |