Supplementary of Fatigue Performance of an Additively Manufactured Zr-Based Bulk Metallic Glass and the Effect of Post-Processing

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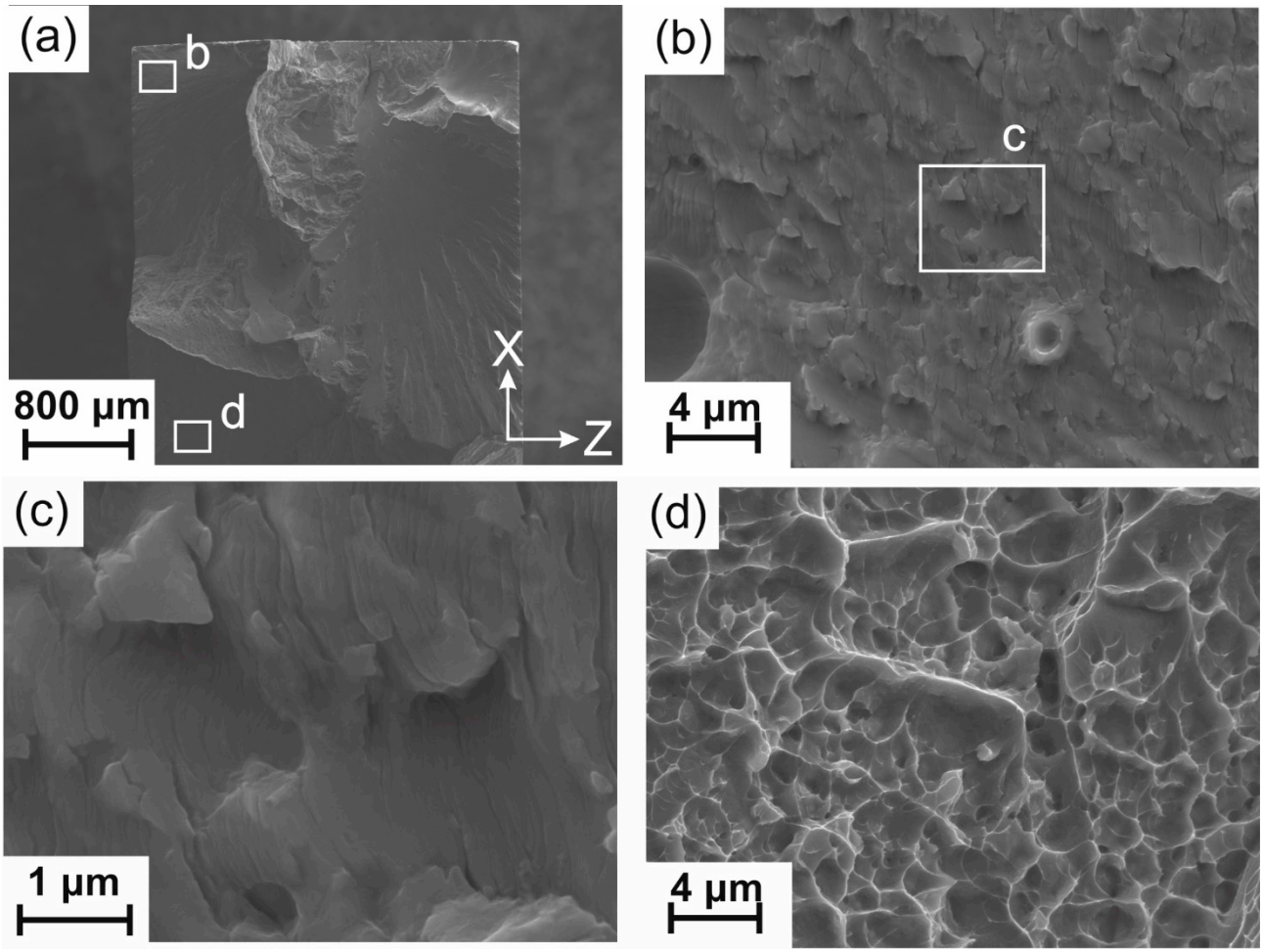

Figure S1. (**a**) Macroscopic image of the fracture surface of a sample tested at 200 MPa, (**b**) higher magnification image of region b in (**a**), (**c**) higher magnification image of (**b**) showing striation patterns, and (**d**) higher magnification image of region d in (**a**) shows dimple-like patterns as a result of rapid fracture.

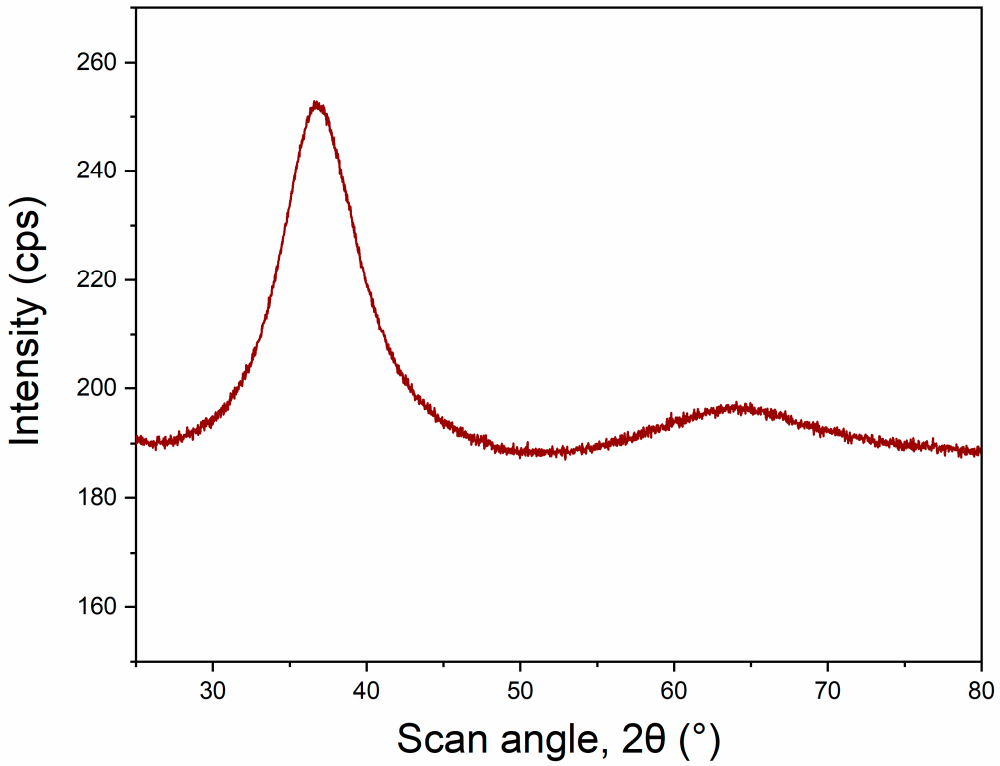

Figure S2. XRD pattern of laser shock peened (LSPed) sample from X-Z cross-section.

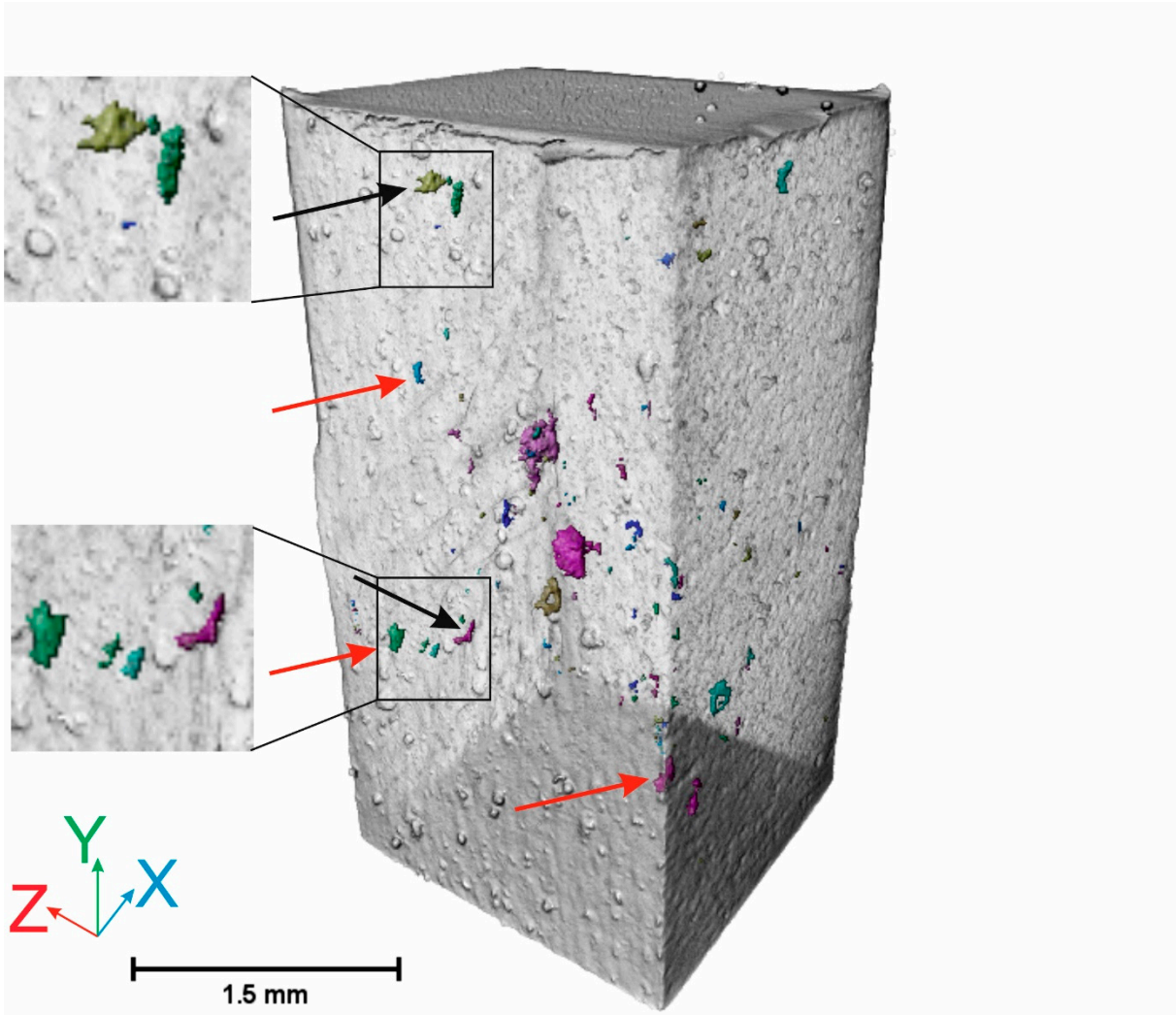

Figure S3. 3D constructed image of an LPBF sample (as-built without any post-processing), where Z-axis is the build direction of a sample fabricated horizontally and the force was applied in the X direction. Black arrows highlight LoFs oriented in X-direction (or horizontal orientation) and red arrows highlight LoFs oriented in Y-direction (or vertical orientation).