Figure 6.24(a): SEM image of a completed, unreleased accelerometer. Both of the two PECVD films, poly1-metall and metall, exhibited significant non-uniformity in morphology, as is evidenced by the film discoloration.

Figure 6.24(b): Close-up SEM image of the right-hand side of the device illustrating the incomplete refill of the structural trenches. While some portions of the electrode gaps had closed, the majority remained open and susceptible to trapping subsequent materials.