



**Figure 4: Sample 23 (1899.5 m):** Plain (upper) and cross-polarised (lower) photomicrographs of litharenite. This sample displays moderate impact damage. Nevertheless, a compacted micaceous lithic grain (L) is evident and shows long grain contacts with surrounding grains. Destruction of pore throats at long grain contacts has significantly reduced permeability. Long axis of photomicrograph is equal to 0.88 mm.

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