



Figure 43. Microbially laminated mudstones in the Loysburg Formation. A - Outcrop view of stromatolites. Are the large vugs former evaporite nodules? B - Thin section photomicrograph of microbially laminated, dolomitic mudstone in the Loysburg Formation. Some lamina consists of rhombic-shaped euhedral to subhedral dolomite crystals (idiotopic dolomite) and micrite. Other lamina consists of clotted micrite. These internal fabrics, and the association of these cryptmicrobial laminites with flaser, wavy, and lenticular-bedded mudstones, indicate peritidal stromatolites, and possibly hypersaline conditions (Demiccio and Hardie, 1994).