



Plate V. Typical lithologies of the Bathurst Island and Stuart Bay Formations. Scale is in centimeters.

- (a) Bathurst Island Formation; graded beds showing fine laminations and convolutions in the finer grained materials. *10 cm.*  
 (b) Bathurst Island Formation; thin section X5, illustrating composition of the graded sediments of (a); Black calcareous micaceous shale at base is overlain by coarse sand-size skeletal detritus and quartz, which grade into silt-size particles of the same material.  
 (c) Bathurst Island Formation; calcareous silty shale containing graptolites.  
 (d) Stuart Bay Formation; polished and etched specimen of a pebble conglomerate composed of generally well-rounded clasts of black and grey chert and grey limestone (of various types including pellet, lump, and skeletal limestone) in an argillaceous calcareous matrix.

