



**Figure 1.** a) Shaded relief image showing glass sponge reefs near Prince Rupert; b) backscatter draped on the greyscale shaded-relief image, illustrating the low backscatter of the mounds. Generally they rest on a high-backscatter substrate. High backscatter = dark tone. The reefs are surrounded by banks of postglacial mud/sandy mud that thin to reveal the underlying hard substrate, upon which the chains of small mounds are developed.