



Figure 10. Sidescan-sonar image showing complex patterns of high and low backscatter in an area of outcropping Cretaceous strata as shown on the seismic-reflection profile presented in Figure 9. See Figure 3 for location. High backscatter is represented by light tones, low backscatter by dark tones. Outcropping Cretaceous coastal plain strata and erosional lag gravelly sediment are represented by areas of high backscatter on the imagery, fine sand is represented by areas of low backscatter. The backscatter patterns illustrate a series of crescentic dunes oriented east-west (also see Figure 11). The north-facing flanks of these bedforms are blanketed by high-backscatter gravelly deposits while the south facing flanks are covered with a fine- to medium-grained, moderate-low backscatter sand with elongate “stringers” of high-backscatter sand deposits. The boxes marked “A” and “B” show the location of top and bottom images presented in Figure 11.