



Figure 25. Acoustic-backscatter (processed from SWATHplus) map for transect across the river at Marysville, Michigan. Red line shows the location of the Chirp sub-bottom profile shown in figure 26. S, area of low backscatter (dark), which is probably sand; Sg, moderate backscatter area, which is likely sand and gravel; Gs, high backscatter (light) area with dune bedforms (3- to 5-meter wavelengths), mostly gravel with sand; Cg, mottled area of high to low backscatter, which is most likely areas of clay till or glaciolacustrine with patches of gravel. Interpretations based on video transect obtained 500 meters to the south (Krishnappan, 2009).