



Figure 5. Historical distributions of Neogene Beaufort Formation fluvial deposits on Banks Island. Red stars identify areas of Beaufort Formation outliers identified by this study. Many of these outlier deposits on northeastern Banks Island occur within catchments where industry had recovered KIMs. Photo of Site 15SUV018 illustrates the typical flat surface morphology, dark orange staining, and the presence of accordant deposits on uplands stretching westward across central-northern Banks Island (black arrows). Samples 15SUV018 and 15SUV019 were collected in close proximity to each other from this site. Rare erratic boulders are considered glacially deposited, but there is no evidence of significant till deposited on these uplands (i.e., presumed cold-based ice cover). Location of Beaufort Formation sample 16SUV023 indicated. Pink shading on Canada index map identifies extents of the exposed Canadian Shield (granite source).