Basal till potential of the Kushya River map area
(NTS 093C/15), British Columbia

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The British Columbia Geological Survey (BCGS) has completed a geological mapping project of the Kushya River area in British Columbia, Canada. The project aimed to identify and classify basal till deposits, which are important for understanding the glacial history and landscape evolution of the region.

The mapping was conducted using a Shuttle Radar Topography (SRTM) DEM, with a resolution of 30 meters. The project area covers the Kushya River catchment and adjacent areas.

The project involved the collection of field data, including GPS coordinates, descriptions of bedrock and till deposits, and soil samples. The data was then analyzed to identify different types of basal till deposits, which were classified based on their characteristics and mineralogy.

The project also included the creation of a digital geological map, which provides a detailed view of the geology and till deposits in the area. The map is available for download from the BCGS website.

The project was funded by the Canadian Federal Government and the British Columbia Ministry of Energy, Mines and Petroleum Resources. It was conducted in collaboration with the University of British Columbia and other academic institutions.

The results of the project are expected to contribute to the understanding of the glacial history and landscape evolution of the Kushya River area, and to inform future geological and environmental studies in the region.