




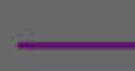








# Shoreline Change Analysis 1980-2020

Dillingham, Alaska

Infrastructure

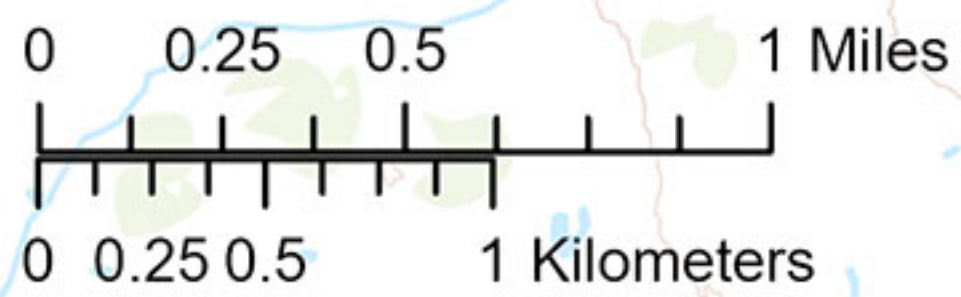
-  Building
-  Road
-  Sewer
-  Water

## Erosion Rate by WLR\*

-  -10.69 - -10.00
-  -9.99 - -9.00
-  -8.99 - -8.00
-  -7.99 - -7.00
-  -6.99 - -6.00
-  -5.99 - -5.00
-  -4.99 - -4.00
-  -3.99 - -3.00
-  -2.99 - -2.00
-  -1.99 - -1.00
-  -0.99 - -0.10
-  -0.09 - 3.00



Scale: 1:42,000



**Total Erosion: 187 meters**  
**Rate: -10.69 meters per year**

**Total Erosion: 207 meters**  
**Rate: -5.21 meters per year**

**Total Erosion: 61 meters**  
**Rate: -1.56 meters per year**

Dillingham Boat Harbor

# Dillingham

\* In a weighted linear regression, the more reliable data are given greater emphasis or weight towards determining a best-fit line.

This map has been produced through funding support from the National Science Foundation Grant #1927827