

165°46'

165°44'

EXPLANATION

**Unconsolidated deposits**

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**Sedimentary rocks**

**J1**  
Tiglukpuk formation  
Grayish-black mudstone and siltstone, silty to shaly, with gray to brown very fine- to medium-grained, graywacke sandstone commonly as thin cyclic interbeds. Probably several thousand feet thick. May include rocks of Cretaceous age along eastern edge of map.

**Hsa, Hsb, Hsc**  
Shublik formation  
Chiefly thick-bedded green argillite about 40 feet thick, Hsa; chiefly thin-bedded brown fossiliferous limestone 15-30 feet thick, Hsb; and thin-bedded gray to brown chert and thin-bedded black shale, about 160 feet thick, Hsc.

**Indefinite contact**  
Dotted where concealed; includes inferred contacts and indefinite boundaries of surficial deposits.

**7.6' Qss**  
7.6' of silt and sand overlying Tiglukpuk formation

Approximate boundary of proposed harbor



GENERAL NOTES  
 1. ELEVATIONS OBTAINED BY PLANE TABLE  
 2. LOW WATER OF LAST QUARTER, JULY 1958  
 3. ELEVATIONS REDUCED TO DATUM 0 FEET  
 4. LOW WATER



GEOLOGY OF THE PROPOSED HARBOR SITE, OGOTORUK CREEK, ALASKA

Topography by Holmes and Narver, Inc., 1958

Geology by Reuben Kochadorian and R. H. Campbell, 1958

