

ENVIRONMENTAL SENSITIVITY INDEX AS APPLIED TO
THE SHORELINE OF SHELIKOF STRAIT, ALASKA

- | | |
|--|--------------------------------------|
| 1. EXPOSED ROCKY HEADLANDS | TYPE OF ORGANISM |
| 2. WAVE-CUT PLATFORMS | 3. FINE/MEDIUM-GRAINED SAND BEACHES |
| 4. COARSE-GRAINED SAND BEACHES | 5. EXPOSED TIDAL FLATS (LOW BIOMASS) |
| 6. MIXED SAND AND GRAVEL BEACHES | 7. GRAVEL BEACHES |
| 7a. EXPOSED TIDAL FLATS (MODERATE BIOMASS) | 8. SHELTERED ROCKY SHORES |
| 9. SHELTERED TIDAL FLATS | 10. MARSHES |
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| TIDAL LEASE SITE |

ESI MAP # 5

S T R A I T

S H E L I K O F

RASPBERRY ISLAND

KUPREANOF STRAIT

PRIMARY SOURCES OF BIOLOGICAL DATA
BIRDS: ADF&G (1976a), ADF&G (1977a), ADF&G (1977b), SOWLS et al. (1978), LENSINK (1978)
MAMMALS: ADF&G (1976a), CALKINS & PITCHER (1977), MERCER (1977), ADF&G (1977a), ADF&G (1977b)
FISH: ADF&G (1976b), ADF&G (1977a), ADF&G (1977b)
SHELLFISH: ADF&G (1976b), ADF&G (1977a), ADF&G (1977b), KAISER (1977)

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CONTOUR INTERVAL 100 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES IN FEET-DATUM 0 MEAN LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE AVERAGE RANGE OF TIDE IS APPROXIMATELY 12 FEET

FOR SALE BY U.S. GEOLOGICAL SURVEY
FAIRBANKS, ALASKA 99701, DENVER, COLORADO 80225, OR RESTON, VIRGINIA 22092
A FOLDER DESCRIBING TOPOGRAPHIC MAPS AND SYMBOLS IS AVAILABLE ON REQUEST



ESI MAP
#5

AFOGNAK (A-5), ALASKA
15800-W15320/15820

1952
MAJOR REVISIONS 1977