

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

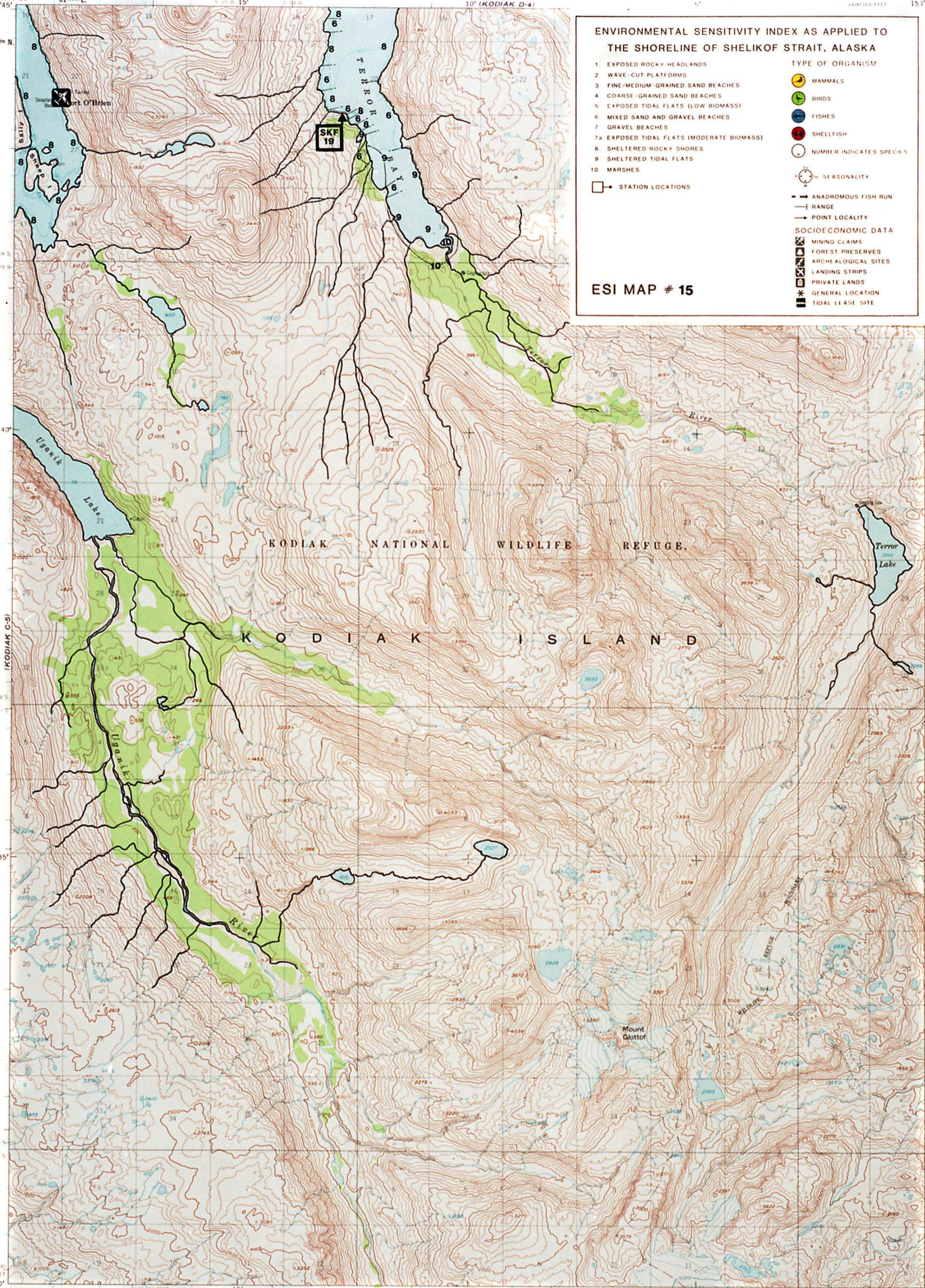
1. EXPOSED ROCKY HEADLANDS  
2. WAVE-CUT PLATFORMS  
3. FINE/MEDIUM-GRAINED SAND BEACHES  
4. COARSE-GRAINED SAND BEACHES  
5. EXPOSED TIDAL FLATS (LOW BIOMASS)  
6. MIXED SAND AND GRAVEL BEACHES  
7. GRAVEL BEACHES  
7a. EXPOSED TIDAL FLATS (MODERATE BIOMASS)  
8. SHELTERED ROCKY SHORES  
9. SHELTERED TIDAL FLATS  
10. MARSHES
- TYPE OF ORGANISM  
● MAMMALS  
● BIRDS  
● FISHES  
● SHELLFISH  
○ NUMBER INDICATES SPECIES  
○ SEASONALITY
- STATION LOCATIONS
- ANADROMOUS FISH RUN  
— RANGE  
— POINT LOCALITY
- SOCIOECONOMIC DATA  
■ MINING CLAIMS  
■ FOREST PRESERVES  
■ ARCHEOLOGICAL SITES  
■ LANDING STRIPS  
■ PRIVATE LANDS  
■ GENERAL LOCATION  
■ TIDAL LEASE SITE

ESI MAP # 15

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  
DATUM IS MEAN SEA LEVEL  
DEPTH CURVES IN FEET DATUM IS MEAN LOWER 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  
#15**

KODIAK (C-4), ALASKA  
N5730 W15300/15X20

1952  
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