

Appendix F

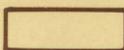
FISH AND WILDLIFE HABITAT

The Habitat Division in ADF&G rated the wildlife habitat suitability of Kuskokwim lands based on estimates of habitat quality for key species. The distribution and life history of these species (i.e. moose, anadromous fish, caribou, bear, and sheep) were mapped using important life functions (i.e. spawning, winter concentrations, calving). Lands were then assigned to one of the categories listed in the map legend on the following page. Land use permits and approved plans of operations for mineral developments will specify the measures required of operators to reclaim

land to a useful condition for fish and wildlife habitat. The degree of reclamation stipulated is correlated with the habitat categories portrayed on this map and guideline D under the subsurface resources section in Chapter 2. **The following map does not incorporate the higher suitability ratings some areas received because of their high level of public use.** A map showing the combined human use and habitat suitability ratings (on which land designations and classifications are based) is included in the Fish and Wildlife Element (ADF&G and DNR, 1987).

Fish and Wildlife Habitat Suitability Categories

Suitability Category	Definition
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|---|-----|---|
|  | A-1 | A discrete habitat area needed to sustain a species within a region |
|  | A-2 | Special value habitat area |
|  | B-1 | High value habitat area |
|  | B-2 | Moderate value habitat area |
|  | C | Low value habitat and/or harvest area |

Both habitat and harvest values were used for determining suitability categories in the resource information summary charts and primary surface uses in Chapter 3 and described in Appendix E in the fish and wildlife habitat section. However, this map portrays fish and wildlife habitat values only. For combined habitat and harvest values see the Kuskokwim Area Plan Fish and Wildlife Element, Alaska Department of Natural Resources, May 1987.

