

Site No. 19060000-

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site Chilkoot Lake
 Location NW¹/₄ sec.30, T29S, R59E, Copper River Meridian Stream Chilkoot R. trib Lynn Canal
 Planned by (date) _____
 Reference "Potential Industrial Sites in the Lynn Canal Area" USGS Cir. Date 1953
 Quadrangle coverage Skagway (B-2) Alaska also River Survey ^{280¹/₇}
 Land: Public 4300 acres²/₁ Private _____ Use: P, I, FC, MI, R

WS alt = <u>10'</u> Dam: Height <u>190 feet</u> Length <u>1350'+coffer</u>	Undeveloped capacity <u>8.311 MW theoretical</u>
Normal pool altitude <u>200 feet</u>	Percent efficiency _____
Reservoir area <u>4290 acres</u>	Annual generation _____
Storage capacity <u>565,000 acre-feet</u>	Plant factor _____
Drainage area <u>128.66 square miles</u>	Mean flow <u>514.64 cfs = 372,599 ac ft/yr</u>
Gross head <u>190 feet</u>	Period of record <u>based on 4 ft³/s/sq mi³/₁</u>

Remarks: 1/ Geology may not be good - See USGS Circular 280, page 11.
2/ See Power Site Classification No. 439, 7/10/57
3/ See "Water Availability, Quality and use in Alaska" USGS open-file Report 76-513

Prepared by TJK Date 5/79