

Site No. 19050002-84 ^{TK} _{4/79}

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site Chickaloon River

Location Sec 30, T 20N R 6E, Seward Meridian Stream Chickaloon River trib. Matanuska

Planned by (date) _____

Reference Misc. Dam sites ... Chickaloon River ... Alaska" USGS Date 1956

Quadrangle coverage Anchorage (0-4) Alaska

Land: Public _____ Private _____ Use: P, I, FC, MI, R

<u>wsalt = 950'</u> Dam: Height <u>100 feet</u> Length <u>430'</u>	Undeveloped ^{Q50} capacity <u>4.2 MW with 3/4 mi tunnel</u>
Normal pool altitude <u>1050</u>	Percent efficiency _____
Reservoir area _____	Annual generation _____
Storage capacity <u>Pondage</u>	Plant factor _____
Drainage area <u>400 (Est.)</u>	Mean flow <u>1000 (Est) 724,000 ac-ft/yr</u>
Gross head <u>1050 - 850 = 200 (3/4 mile tunnel to Matanuska River)</u>	Period of record <u>None. (Q50 based on Caribou)</u>

Remarks: See USGS maps "Tamama R, Chickaloon R & Carter Lake"

Prepared by TK Date 8/78