

Site No. 19050003-27 TK  
1/71

## UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County \_\_\_\_\_ Site KLUTINA Lake  
 Location Section 25, T 15, R 2W, Copper River Meridian RM 23-0 Stream KLUTINA River to Copper River  
 Planned by (date) \_\_\_\_\_  
 Reference "A Reconnaissance Report... Bur of Rec, pg 159" Date 1949  
 Quadrangle coverage VALDEZ (1°X3°); VALDEZ (D-5)  
 Land: Public \_\_\_\_\_ Private \_\_\_\_\_ Use: P, I, FC, MI, R

Dam: Height <sup>(30')<sup>1/2</sup></sup> <u>90 feet</u> Length <u>4000 feet</u>	Undeveloped capacity <u>7.752mw - 60.078mw theoretical</u>
Normal pool altitude <u>1755<sup>1/2</sup> feet</u>	Percent efficiency _____
Reservoir area _____	Annual generation _____
Storage capacity <u>1,000,000 acre feet (692,000,000 cu ft)</u>	Plant factor _____
Drainage area <u>670 square miles<sup>1/2</sup></u>	Mean flow <u>1,100,000 acre feet = 1520 cfs, reg min flow 1260 cfs<sup>1/2</sup></u>
Gross head <u>1755' - 1290' = 465'; 14.8 mile diversion<sup>1/2</sup></u>	Period of record _____

Remarks: <sup>1/2</sup>Interim Report No. 3, Copper River and Gulf Coast, Alaska" USCE, 1950, pg 106. See USCE maps of 1950.  
"Water Resources Development by the Corps of Engineers" USACE, 1965, pg 34-35

Prepared by TK Date 10/78