

TK/2/79

Site No. 19050003-107

UNDEVELOPED HYDROELECTRIC SITE

State Alaska County _____ Site Silver Lake

Location NW sec.6, T11S., R.7W., Copper River Meridian Stream Duck River

Planned by (date) George C. Hazelet (12/28/20)^{1/}

Reference "A Water-Power Reconnaissance in So. Central AK," WSP372 Date 1915

Quadrangle coverage Cordova (D-7), Alaska p .85-89

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

WS Alt. = <u>306'</u> <u>94 feet</u> Length <u>280 feet^{3/}</u>	Undeveloped capacity <u>1.998MW(dam)-8.5MW(div) Theor.</u>
Dam: Height _____	Percent efficiency _____
Normal pool altitude <u>400 feet</u>	Annual generation _____
Reservoir area <u>1545.8 acres</u>	Plant factor _____
Storage capacity <u>118,445.6 acre feet</u>	Mean flow <u>250 cfs? See actual # Quad.</u>
Drainage area <u>25.05 square miles</u>	Period of record <u>144, 1913, Gage 1522 4000.</u>
Gross head <u>400'-0'=400', 6000' diver. (St. Line)</u>	

- Remarks:
- 1/ See "FPP 138, 12/28/20
 - 2/ See "Alaska, a reconnaissance Report..." Bur. of Recl. 1949, p. 61
 - 3/ See APAdmin's list of 252 sites, 177
 - 4/ See "Alaska's Hydroelectric Resources Inventory, Preliminary Report," State of Alaska, 3/15/78

Prepared by TJK Date 2/79