

Site No. 19050002-164 TK
1/79

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site Sheep River

Location Section 28, T 26 N, R 1 W, Seward Meridian Stream Sheep River trib Talkeetna River

Planned by (date) _____

Reference "Alaska, A reconnaissance Report..." Baroflec, pg 163 Date 1949

Quadrangle coverage TALKEETNA Mountains (B-5), ALASKA

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

WS alt = 690' ✓ 310' Dam: Height <u>410 feet</u> Length <u>1100 feet</u>	Undeveloped capacity <u>19.9 MW</u> <u>26-333 MW theoretical</u>
Normal pool altitude <u>1000 feet</u>	Percent efficiency _____
Reservoir area <u>4122.28 acres</u>	Annual generation _____
Storage capacity <u>443,684.8 acre feet at elev 1000'</u>	Plant factor _____
Drainage area <u>370.96 square miles</u> <small>5.837 cfs/mi²</small>	Mean flow <u>755.6 cfs = 547,063 acft/yr</u>
Gross head <u>310' at site</u>	Period of record <u>11 yrs (1975) gage 15292700, area ratio</u>

Remarks:

Prepared by TK Date 12/78
SR0 12/78