

Site No. 19050003-56

TK
4/79

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site HAWAGITA Lake

Location Sections 21828, T7S, R9E Copper River Meridian Stream HAWAGITA River tail TEBAY River

Planned by (date) _____

Reference APAdmin's list of 252 Sites Date 1977

Quadrangle coverage M^oCARTHY (A-B), ALASKA

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

<p>WSalt = 2500</p> <p>Dam: Height <u>75 feet</u> Length <u>3000' @ 2600' altitud</u></p> <p>Normal pool altitude <u>2575 feet</u></p> <p>Reservoir area _____</p> <p>Storage capacity _____</p> <p>Drainage area <u>100 square miles</u> <u>3.15 cfs/mi²</u></p> <p>Gross head <u>2575 - 1565 = 1,010'</u>, <u>5.7 mile diversion to Skull Creek</u> <u>8.0 mile diversion to Hawagita</u></p>	<p>Undeveloped capacity <u>2.01 mw - 27,036 mw theoretical</u></p> <p>Percent efficiency _____</p> <p>Annual generation _____</p> <p>Plant factor _____</p> <p>Mean flow <u>2280000 cft/yr = 314.9 cfs</u></p> <p>Period of record _____</p>
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Remarks: _____

Prepared by TK Date 11/78