

Mainland So of Cape Fawcett
Clarence Strait - Ernest Sound

Site No. 19060000-

UNDEVELOPED HYDROELECTRIC SITE

State ALASKA County _____ Site Bear Lake

Location NE 1/4 Sec. 29, T. 71 S., R. 57 E., Copper River Mainland Stream Bear Lake

Planned by (date) _____

Reference "Regional Inventory...for Small Hydropower Sites..."* Date October 1979

Quadrangle coverage Craig (C-1)

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

| | |
|---|-------------------------------------|
| Dam: Height <u>5 ft</u> Length <u>45 ft</u> | Undeveloped capacity <u>.190 MW</u> |
| Normal pool altitude _____ | Percent efficiency _____ |
| Reservoir area _____ | Annual generation <u>432 MWH</u> |
| Storage capacity _____ | Plant factor _____ |
| Drainage area <u>3.2 sq mi</u> | Mean flow <u>23 cfs</u> |
| ^{N.E.} Gross head <u>175 ft</u> | Period of record _____ |

Remarks: *Submitted to Corps of Engineers by CH2M Hill; Pages - 132-133

Prepared by T.J.Kuka Date 1/81