

## WATERPOWER OF THE UNITED STATES

State Alaska Stream Coal Creek Site Carbon Lake 2592

County <u>First Judicial Division</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>57° 01.4'</u> " Long. <u>134° 46.5'</u> "	Storage <u>45,000</u> of <u>55,507,050</u> m <sup>3</sup>
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>26.6</u> sq. mi. <u>68.89</u> sq. km	Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	48	1.4	270	82.3			270	82.3	1.10	
50	489	13.9							11.22	
mean	502	14.2							11.52	80,640

Remarks:

**Baranof Island - Sitka A-3**

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

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State Alaska Stream Coal Creek Site Carbon Lake

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Mer. \_\_\_\_\_ T. \_\_\_\_\_ R. \_\_\_\_\_ Sec. \_\_\_\_\_ Constructed \_\_\_\_\_ 55,507,050  
Lat. 57 01.4 ' " Long. 134 46.5 ' " Storage 45,000 af 10,507.05 m<sup>3</sup>  
Miles above mouth \_\_\_\_\_ Installed capacity \_\_\_\_\_ mw  
Drainage Area 26.6 sq.mi. 68.89 sq. km Installable capacity \_\_\_\_\_ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	48	1.4	270	82.3			270	82.3	1102	
50	489	13.9							11222	
mean	502	14.2							11521	80,640

Remarks:

Prepared by \_\_\_\_\_ Date \_\_\_\_\_

Sitha A-3