

Form 9-1503
(Feb. 1962)

Baranof Is.

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 13-BC

WATERPOWER OF THE UNITED STATES

State Alaska Stream Blue Lake ~~Swmill Creek~~ Site Blue Lake 2592

County _____ Owner City of Sitka

Mer. _____ T. _____ R. _____ Sec. _____ Constructed 1962

Lat. 57 ° 02 ' " Long. 135 ° 12 ' " Storage 150,000 af 195 023 500 m³

Miles above mouth _____ Installed capacity 6.00 mw

Drainage Area 37.5 sq. mi. 97.1 sq. km Installable capacity _____ mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m ³ /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	58	<i>1.64</i>	345	<i>108.2</i>	24	7.3	321	<i>97.8</i>	1.58	
50	470	<i>13.31</i>							12.82	
mean	485	<i>13.73</i>							13.23	<i>92,610</i>

Remarks:

F.P.P. 2230

Prepared by _____ Date _____

Suka #4