

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 62 **13 BC**

WATERPOWER OF THE UNITED STATES

State Alaska Stream Lake Avoss Site Lake Avoss

County First Judicial Division
Mer. T. R. Sec.
Lat. 56 ° 40.6 ' " Long. 134 ° 54.5 ' "
Miles above mouth
Drainage Area 3.9 sq. mi. 10.10 sq. km

Owner
Constructed
Storage 22,000 af 27,136,780 m³
Installed capacity mw
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	8	.2	745	227.1	45	13.7	700	213.4	0.48	
50	45	1.3							2.68	
mean	50	1.4							2.98	20,860

Remarks: **Baranof Island - Port Alexander C-3**

Prepared by GCG Date

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Basin Index 13 Bc

WATERPOWER OF THE UNITED STATES

State Alaska Stream Lake Avoss Site Lake Avoss

County <u>First Judicial Division</u>				Owner _____	
Mer. _____	T. _____	R. _____	Sec. _____	Constructed _____	
Lat. <u>56 ° 40.6 ' "</u> Long. <u>134 ° 54.5 ' "</u>				Storage <u>22,000</u> af <u>5,136.78</u> m ³	
Miles above mouth _____				Installed capacity _____ mw	
Drainage Area <u>3.9</u> sq. mi. <u>10.10</u> 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	8	.2	745	227.1	45	13.7	700	213.4	.476 .48	
50	45	1.3							2.677 2.68	
mean	50	1.4							2.975 2.98	20,860

Remarks:

Prepared by _____ Date _____

Port Alexander C. 3