

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 48
13 BC

WATERPOWER OF THE UNITED STATES

State Alaska Stream Cliff Lake Site Cliff Lake

County First Judicial Division Owner _____

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

Lat. 56 °32.1 ' " Long. 134 ° 45.2 ' " Storage 8,000 af 9,867,920 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 6.1 sq. mi. 15.80 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	13	0.4	140	42.7			140	42.7	0.16	
50	99	2.8							1.18	
mean	110	3.1							1.31	9,170

Remarks: **Port Alexander C-3**

Prepared by GCG Date _____

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Basin Index 2-6 48
B B C

WATERPOWER OF THE UNITED STATES

State Alaska Stream Cliff Lake Site Cliff Lake

County <u>First Judicial Division</u>				Owner _____	
Mer. _____	T. _____	R. _____	Sec. _____	Constructed _____	
Lat. <u>56° 32.1</u> " Long. <u>134° 45.2</u> "				Storage <u>8,111</u> af <u>9,867,920</u> 7,867.92 m ³	
Miles above mouth _____				Installed capacity _____ mw	
Drainage Area <u>6.1</u> sq. mi. <u>15.80</u> sq. km				Installable capacity _____ mw	

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100% Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
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			ft.	m	ft.	m	ft.	m		
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50	99	2.8							1178 1.18	
mean	110	3.1							1309 1.31	9,170

Remarks:

Prepared by _____ Date _____

Post Alexander C-3