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Form 9-1503
(Feb. 1962)

Revillagigeda Is. - Tongass Natl Forest

19060000

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Basin Index 13 C E

WATERPOWER OF THE UNITED STATES

State	Alaska	Stream	Claude Lake TRIB Cow Creek	Site	Claude Lake	2592
County	First Judicial Division					Owner
Mer.	T.	R.	Sec.			Constructed
Lat.	55 ° 55.6 ' N	"	Long.	131 ° 21.3 ' W	"	Storage 13,000 af 16,035,000 m ³
Miles above mouth						Installed capacity
Drainage Area	7.9	sq. mi.	20.46	sq. km		Installable capacity

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	12	.3	600	183.1			600	183.1	0.61	
50	63	1.8							3.21	
mean	70	2.1							3.57	24,990

Remarks: Revillagigeda Island - Ketchikan D-5

See "water Power of SE Alaska" USFS report to FPC, Dcont, 1929, pg 56-57

Prepared by GCG Date

WPSA 1949

Lake elev. 540

40 foot dam
limited by low
bench at north end
of site

3,500 conduit

PSC 193 $\frac{1}{4}$ mile of Lake & stream
withdrawal to large around lake
and stream but does not
extend far enough upstream

Qued Kot D-4, D-5

Lake Elev. 587

Contours do not indicate
= 40' dam could be
built.

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13 CE

WATERPOWER OF THE UNITED STATES

State Alaska

Stream Claude Lake

Site Claude Lake

County First Judicial Division

Mer. T. R. Sec.

Lat. 55 ° 55.6 ' N " Long. 131 ° 21.3 ' W. "

Miles above mouth

Drainage Area 7.9 sq.mi. 20.46 sq. km

Owner

Constructed 16,035,370

Storage 13,110 af ~~3,035,37~~ m³

Installed capacity mw

Installable capacity mw

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m³/sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	12	.3	600	183.1			600	183.1	.612	
50	63	1.8							3213	
mean	70	2.1							3570	24,990

Remarks:

Prepared by Date

Bechikon D-5