

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

19060000

Basin Index 131
13-D D

WATERPOWER OF THE UNITED STATES

State Alaska Stream Hidden Inlet Lake Site Hidden Inlet 2592

County <u>First Judicial Division</u>				Owner _____			
Mer. _____ T. _____ R. _____ Sec. _____		Constructed _____		Storage <u>20,000</u> af <u>24,669,800</u> m ³		Installed capacity _____ mw	
Lat. <u>54 ° 58.3 ' N</u> " Long. <u>130 ° 22.4 ' W</u> "		Miles above mouth _____		Installable capacity _____ mw			
Drainage Area <u>10.2</u> sq.mi. <u>26.42</u> sq. km							

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	9	.3	300	91.4	0		300	91.4	0.23	
50	96	2.7							2.45	
mean	105	3.1							2.68	18,760

Remarks: Prince Rupert D-2 Quad.

Prepared by GCG Date _____

WIPSA 1947

P.T. Survey USFS 1932

50' dam - 280' crest

150' dam - 620' crest

Lake construction 20' deep

Head Prince Rupert D-2

Net A-2

Lake 205

with 150' dam check
saddle on Right Abutt.

FPP 509 All lands within 500' of mouth of creek
+ T.L. 50' x 2 miles (south)

PSC 192 Linds 1/4 mile Lake outlet stream
would miss short section of
valley to the south.

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County <u>First Judicial Div.</u>	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>54</u> ° <u>58.3</u> ' N " Long. <u>130</u> ° <u>22.4</u> ' W. "	Storage <u>20,000</u> af <u>2,466,800</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>10.2</u> sq. mi. <u>26.42</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	9	.3	300	91.4	0		300	91.4	230	
50	96	2.7							2458	2.45
mean	105	3.1							2677	2.68

Remarks: *1 pl* *1 pl* *x pl*

Prepared by bels Date _____

Prince Rupert D-2