

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

150
Busin Index 14-BC

WATERPOWER OF THE UNITED STATES

State Alaska Stream Porcupine River Site Campbell

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>67</u> ° <u>19</u> ' <u>30</u> " Long. <u>141</u> ° <u>21</u> ' <u>30</u> "	Storage <u>6,000,000</u> af of <u>7,400,940,000</u> m ³
Miles above mouth _____	Installed capacity _____ mwh
Drainage Area <u>22,100</u> sq.mi. <u>57,239.0</u> sq. km	Installable capacity _____ mwh

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	840	23.8	900	274.3	560	170.7	340	103.6	24.28	
50	3400	96.3							98.26	
mean	8280	234.5							239.29	1.675,030

Remarks:

Total storage = 57,000,000 acre-feet
Reservoir would extend into Yukon Territory, Canada
Colleen B-1 quadrangel

Prepared by G.C.G. Date _____