

WATERPOWER OF THE UNITED STATES

State Alaska Stream Porcupine River Site Campbell 2592

County _____	Owner _____
Mer. _____ T. _____ R. _____ Sec. _____	Constructed _____
Lat. <u>67 ° 19 ' 30 "</u> Long. <u>141 ° 21 ' 30 "</u>	Storage <u>6,000,000</u> of <u>7,400,940,000</u> m ³
Miles above mouth _____	Installed capacity _____ mw
Drainage Area <u>22,100</u> sq.mi. <u>57,239.0</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	840	23.8	900	274.3	660		240		17.14	
50	3400	96.3							96.36	
mean	8280	234.5							168.91	1,182,370

Remarks:

Total storage = 57,000,000 acre-feet

Reservoir would extend into Yukon Territory, Canada

Colleen B-1 quadrangle