

Form 9-1503
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR
GEOLOGICAL SURVEY

Site No 19050003-18 231-

Basin Index 14 LC

WATERPOWER OF THE UNITED STATES

State Alaska Stream Tonsina ~~Lake~~ River Site Tonsina ~~River~~ Lake

County _____ Owner _____

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

Lat. 61 ° 42 " Long. 145 ° 04 " Storage 110,000 of 135,683,900 m³

Miles above mouth _____ Installed capacity _____ mw

Drainage Area 260 sq.mi. 673.40 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	45	1.3	1960	597.4	1250	381.0	710	216.4	2.72	
50	211	6.1							12.73	
mean	572	16.2							34.52	241,640

Remarks: **Valdez C-3**

Prepared by GCG Date _____