

Form 9-1503  
(Feb. 1962)

U.S. DEPARTMENT OF INTERIOR  
GEOLOGICAL SURVEY

Site No 17050003-24

234 ✓

Basin Index 14 LD

WATERPOWER OF THE UNITED STATES

State Alaska Stream Tebay River Site Tebay Lakes

County _____				Owner _____			
Mer. _____ T. _____ R. _____		Sec. _____		Constructed _____			
Lat. <u>61 ° 07 ' "</u>		Long. <u>144 ° 22 ' "</u>		Storage <u>80,000</u> of <u>98,679,200</u> m <sup>3</sup>			
Miles above mouth _____				Installed capacity _____ mw			
Drainage Area <u>64</u> sq. mi. <u>165.76</u> sq. km				Installable capacity _____ mw			

FLOW			ELEVATIONS				HEAD		THEORETICAL POWER mw-100 % Eff.	ESTIMATED AVERAGE ANNUAL GENERATION mwh
Percent duration	cfs	m <sup>3</sup> /sec	Forebay		Tailrace		Gross			
			ft.	m	ft.	m	ft.	m		
95	8	0.3	1842	561.4	842	256.6	1000	304.8	0.68	
50	78	2.2							6.63	
mean	206	5.8							17.51	122,570

Remarks: 14914700 ft<sup>3</sup>/yr  
**Valdez A-1 #2**

Prepared by GCG Date \_\_\_\_\_