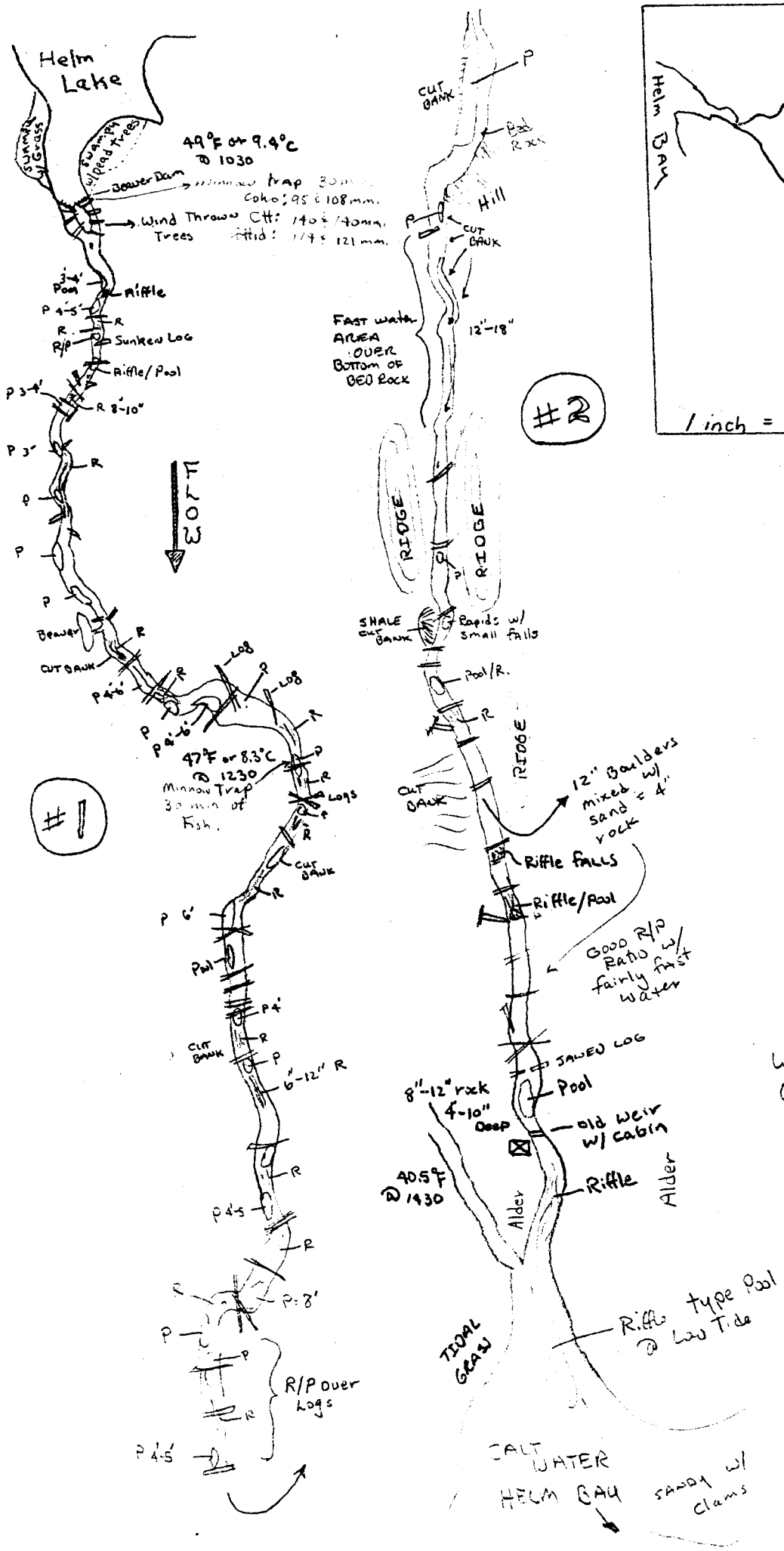
101-90-829



HELM LAKE CREEK SURVEY

5/7/76

Siedelman & Jones

Wind SE 9 Knots
Overcast skys

LAKE & STREAM SURVEY

Date: 9/5/54

Name: Helm Bay Cr. Location: 55° 38'N Lat. 132° 5' W
Drains into Helm Bay Surrounding Cover: 15% Muskeg 85% Timber
Outlet Flow: 25 Ft³/Sec. Average: 3000 Ft³/Sec. Max: 8. Ft³/Sec. Min
Outlet Length: 4 Mi. Character: Gravelly in its lower length
Barriers present: yes Remarks: Only in the higher reaches of the small tributaries Character of Inlets: Steep, rocky
Shoreline Character: Gravelly and debris - piled banks
Water Temp: Surface 55°F at 1300
Spawning Grounds: Good in the lower one mile of the main creek
Fish food organisms present: Insects and larvae, algae, salmon spawn
Stomach contents of specimens taken: Very little except insect material
Fish parasites or diseases noted: None but salminocola known to be present
Species of fish present: Cutthroat, rainbow, dolly varden, cottoids, sticklebacks, pink, chum, coho salmon
Age Groups of fish present: All Sea run
Facilities for sport fishing: None
Fishing pressure: Very little except from hunting parties in the Fall.
Recommend planting with: Nothing
Remarks: This creek apparently has a steelhead run. The day of this survey it was very low and most of the fish were in one large hole near the mouth.

Date	Location	Fishermen	Cutthroat T	Cutthroat R	Rainbow T	Rainbow R	Steelhead T	Steelhead R	Dolly Varden T	Dolly Varden R
9/5/64	Helm Bay Cr.	4	32	0	1	0	0	0	8	10
9/5	Helm Bay Lake (outlet)	2	26	0	0	0	0	0	0	0
4/16	Naha River	7	0	0	2	0	4	4	0	0
4/17	Naha River	9	1	0	1	0	0	3	0	0
5/8	Sealevel Cr.	2	0	0	0	0	3	1	0	0
5/8	Fish Cr.	6	5	0	4	0	2	4	15	0
5/28	Naha River	2	0	0	3	0	0	3	0	4
5/29	Naha River	20	6	0	15	0	6	4	6	0
5/30	Naha River	12	1	0	4	0	2	0	8	0
6/18	Chilkat Lake	12	6	0	0	0	0	0	0	0

A phase of trout fishing not covered previously, is that group which uses a plane for transportation. This type of operation is increasing from year to year. The high success ratio of the plane fisherman in obtaining limit catches of trout is largely the reason for this trend. Also, the planes are able to reach waters easily and quickly that are virtually impossible to get to any other way.

By contacting the airlines and operators of charter aircraft, the following figures were available:

Ketchikan Area	No. of Fishermen
Luck Lake	19
Fortman Lake	11
Eagle Lake	42
Heckman Lake	9
Mirror Lake	47
Orchard Lake	11
Punchbowl Lake	2
Reflection Lake	8
Bakewell Lake	21
Humpback Lake	17
Naha River	2
Manzanita Lake	13
Wilson Lake	17
Old Frank's Lake	2
Hugh Smith	4
Miller Lake	2
Kegan Creek	2
Bell Island	16

Juneau Area	No. of Fishermen
Florence Lake	5
Hasselborg	93
Baranof Lake	5
Excursion Inlet	90
Sitkoh Lake	15
Taku Lodge	163
Thayer Lake	33
Young's Bay Lake	2