Kenna Lake 6-3-97

Start: 1045 at wif Hicks house on Poppee Drive
0 on Odometer
2.0 Fork Lake Left forward onto
4.0 Fork - to right, Dog trail stay to west
5.5 Trail E-W to west (4 Square) Signs Posted Dog trail -
9.0 Enter The Burn area
9.9 Top of large hill, trail is parallel to Tarn
Lunch 200 yds
12.8 top of 2nd large hill Near or across From 12 mile Crossing Butch lake to the S.S.E. 160°
13.2 Butch outlet (Lake 200 yds East)
12 mile crossing trail intersects ~~Butch~~ no on the Tonis trail?
16.2 mile Fork, Lesser trail to the Left Directly to Granites toward granite Dunnally Dome to the West
17.3 Small Lake East of trail 5 acre
19.8 Next to Tonis Creek George - rock & Promontory Granite Giants 80° on of his peaks to the East from the Point.

20.5 Back Tennis / Mornington.
21.5 Near top of grade, parallel Granite Cr.
25.1 Fawna Lake 15:15 Excel
Ice Free today - Lots of Snow
Banks (wind) in settling places
& Lake looks low one small Basin
to the South, Isolated, gravel spit 50' Lg.
Between

1045 – 1200	1.25
1230 – 15:15	2.45
	4.0 hrs

Kenai Lake OBSERVATIONS

Small Basin disconnected from lake - Normal lake level is 20" higher. The normal level would connect the Small Basin with 6-8" of water over the Rocky spit

not much drainage area when there is underground recharge very mound, there is a sharp ridge uphill of the lake isolating runoff from the Mts.

water is clear, visibility ~ 15'

Visited The Creek (mccumber)
Large mining Site downstream where trail goes down. Walked upstream and saw several grayling ~ 3c
In the shallows - 7-12", surprised to see them this far up.

Kenai lake 6/3/97

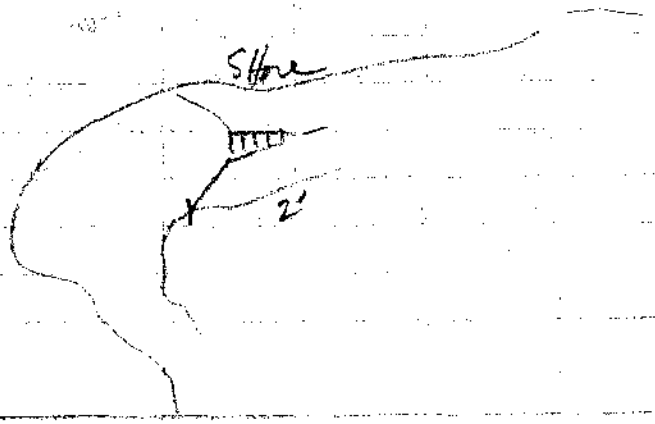
Surface WT = 6.0°C shore

2 MT @ 15' station one off Bottom 20' 2nd Below surface
3' @ 1630

VHGN Shore – "30' 1640 hrs set

Bottom mostly muddy rocky shoals some over shallows some on steep drop offs..
Some sandy Bottom Beaches, Few- mostly rocky.

PN @ 1650 set; Parallel set to Shore-



6-

Pull FN @ 8:30 AM No Fish

Pull MT's @ 9:45 AM Ø Fish

Pull GN @ 10:00 AM Ø Fish

The Adjacent (disconnected Pond) appears to be shallow 10-15' deep 75 yds to main lake 20' wide. Some grasses growing in the margins of lake, no other sign of Submergent Aquatic Veg.

The lowest Pt. of elevation For the lake is in the SW corner (Fig. B&W) But no evidence of outlet, appears at extreme lake height, the water would seep through the tundra to the west McCambridge Creek NW Corner Deep at margins. the lake is retained by a Sill —

In the NE corner - seepage from Neighboring lake ¼ up hill - slight amt H₂O

Kenna Lake 6-4-97

0AM Clear Calm, Cool morning @ 3.5'

Temp. Profile

50' Station (From Sonar)

Surface	6.5°	10 PPM O_2 6.5 PH (2 Tests)
4'	6.2	ALKALINITY (none –
8'	6.0	Test – red on adding
12'	5.6	Bromcresol Green-Methyl
16'	5.2	indicator to sample)
20'	5.0	HARDNESS
24	4.7	Same as ALK Solution
28	4.5	ion already Blue
32	4.5	after MAN-VER added
36	4.2	
40	4.2	
44	END OF CHART at 40'	
98		
Bottom 50'		

PLANKTON thru From Bottom up –

Red Diatoms

Large Shrimp like euphausids

no Bottom or mid water tests.