

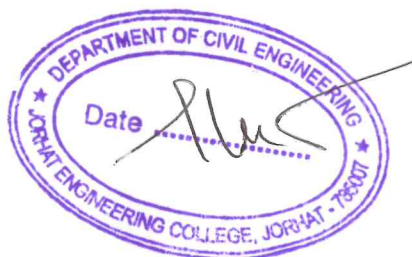


MONITORING OF FISH SPECIES

No natural water bodies exist in the vicinity of Tikak Extension OCP. However the following species of local fishes are available for sale in Ledo market that were caught from man made fisheries and River Dehing during the survey conducted:

1. Major Carps (Catla, Rohu, Mrigal)
2. Minor Carps
3. Exotic Carps (Common, Silver, Grass)
4. Murrels (Ophiocephalus Spp)
5. Cat Fishes (Wallagoattu, Pangasius)

A survey of River Lekhapani and River Tirap, flowing north of the Tikak Extension OCP, was also conducted, the details of which are as follows:



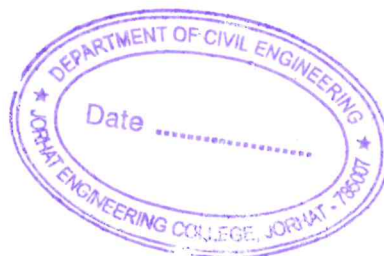
JORHAT ENGINEERING COLLEGE

DEPARTMENT OF CIVIL ENGINEERING
JORHAT-785007

Mob (HOD): 94350 51595, 8738215168
Email: prasannakhaund@yahoo.co.in



Sl No	Particulars	Status in the rivers								
		River Lekhapani				River Tirap				
1.	Location	27°19'10.90"N, 95°49'0.03"E				27°20'15.44"N, 95°51'1.42"E				
2.	Duration	Non Monsoon season				Non Monsoon season				
3.	Methodology	Manual survey				Manual survey				
4.	Physio-Chemical parameters of river stretch at fish monitoring location	S.No	Parameters	Unit	Value	S.No	Parameters	Unit	Value	Surface Water Limits, Class D (IS: 2296) 6.5-8.5 4.0 (Minimum) 0.1
		1.	pH	-	6.8	1.	pH	-	7.49	
		2.	Dissolved Oxygen	mg/l	6.9	2.	Dissolved Oxygen	mg/l	7.2	
		3.	Oil & Grease	mg/l	ND	3.	Oil & Grease	mg/l	<0.1	
5.	Fish record (Literature Survey)	NA				NA				
6.	Habitat wise fish	Local name		Scientific name		Same as river Lekhapani				
	Major species	Puthi Kholihona		Puntius Chola Calira						
	Other species	Singi Garai Tura Rohu Catla		H. Fossilis Channa Macrornathus Labeo rohita Labeo Catla						



[Signature]
Professor
Department of Civil Engineering
Jorhat Engineering College
Jorhat - 785007