

**FIELD STUDY REPORT
ON**

LIVE STOCK RESEARCH CENTRE HEKRA, MONDIRA, KAMRUP,

ASSAM

(Paper 602)

2019



**SUBMITTED TO
DEPARTMENT OF GEOGRAPHY
B.P. CHALIHA COLLEGE
NAGARBERA**

Xpamin.

SUBMITTED BY

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BA VI SEMESTER

DEPARTMENT OF GEOGRAPHY B.P.CHALIHA COLLEGE



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It is certified that Ms./Ms Bharati Das A student of BA VI Semester, Department of Geography, B.P. Chaliha College, Nagarbera, have completed the Project entitled " Live stock research centre Hekra, Mondira, Kamrup, Assam " under my (Prof Bishnu Ram Talukdar, Associate Professor, Department of Geography, B.P. Chaliha College, Nagarbera) supervision , that he/she has done this project with his class mates and no part of the report is copied from any source without proper citation and referencing.

Prof Bishnu Ram Talukdar
Associate Professor
B.P. Chaliha College, Nagarbera



GROUP PHOTO:

All the Students of B.A.6th. sem. General and
the Teacher Guide in the survey area.



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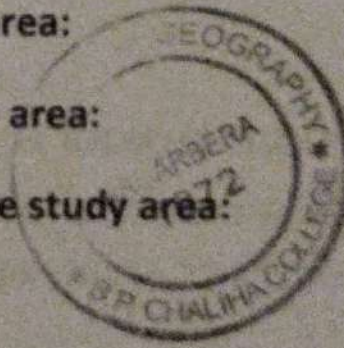
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Chapter1: Introductory Part:

1.2 STATEMENT OF THE PROBLEM:

The statements of the problem are give us clear knowledge about an area. The word statement implies that why and how studied about the point of a topic. We are studied about Livestock Research Centre their problem and prospect economic.

We study and identified about the various problems of my study area.

1.3 STUDY AREA

(a) **LOCATION OF THE AREA:** The study are is located southern part of the Brahmaputra River, Assam and the District of Kamrup (R). The total geographical area 7235 Bigha. The pin code in this is 781127.

Geographically the area is $26^{\circ}03'39''$ Longitude and $91^{\circ}04'07''$ Latitude and 43m. High from the Sea level.

(b) **BOUNDARY OF THE AREA:** In the east occupaid by the jugipara Village,

In the West occupaid by Dalagoan Village, In the North occupaid by Malibary Village and In the south occuupaid by Hekra Napali Para.

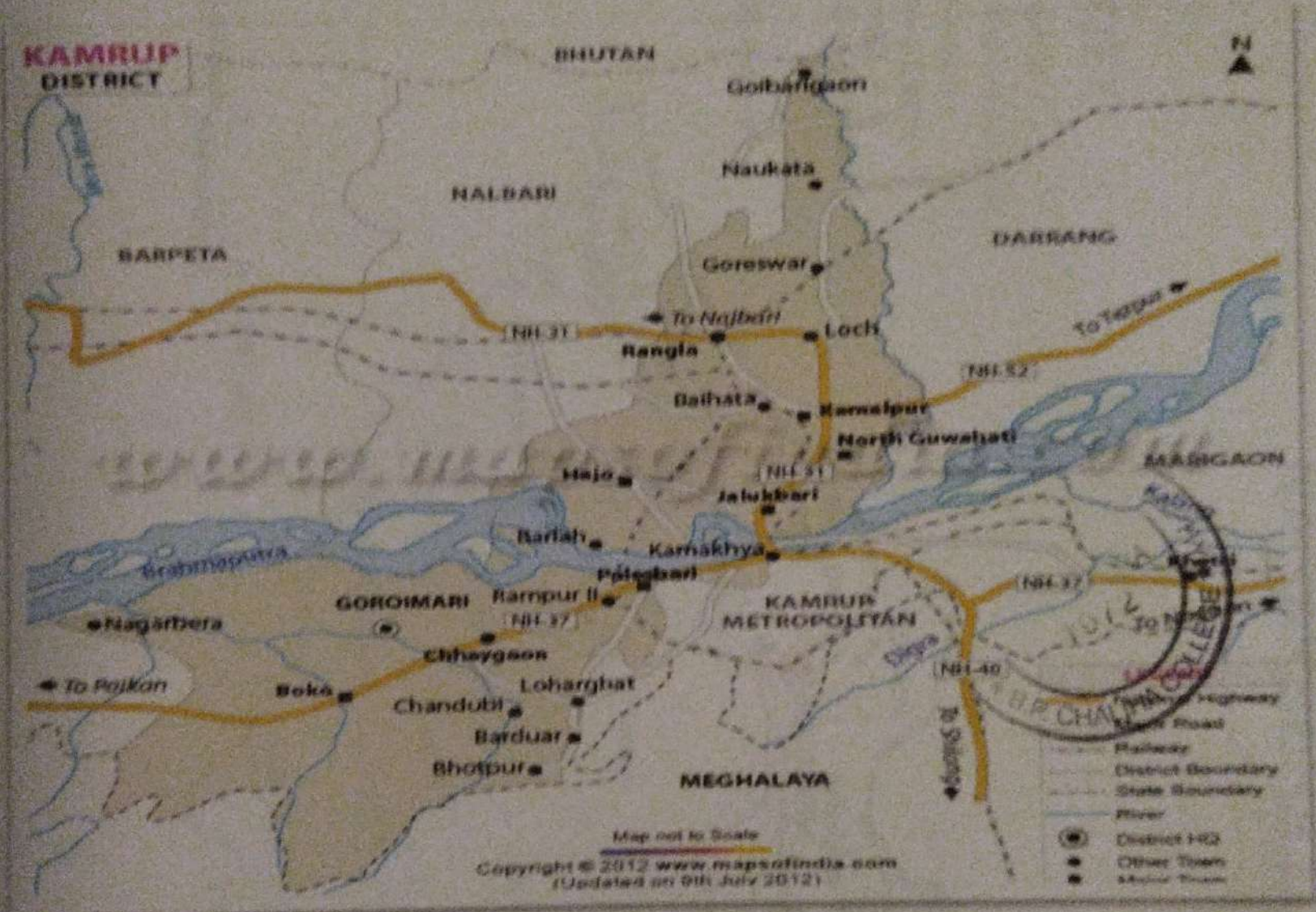
(c) PHYSIOGRAPHY OF THE STUDY AREA

(1) CLIMATE: The climate of our village is same as the other part of the Assam. The Brahmaputra valley as a whole is an integrate part of the south-east Asiatic monsoon region. In koppens climate classification the regions belong to the type of 'cwg' i.e. humid mesothermal gangatic type the climate is characterized by the hot moist in summer and cold dry in winter.

(2) DRAINAGE: In our study area, this area is plain area. We found one river and some artificial cannel. The main river of our village is Brahmaputra River. The drainage system is low (poor) in our study area. We found some beel and ponds in our area. There are no any tributaries passes through our village but every year occur flood by the main river of Brahmaputra.

(3) FLORA AND FAUNA: The flora and fauna rich in our study area. Flora is plant life and fauna refers to animal's life. Fauna derives from the name of a roman goddess, but the handiest way to remember difference between flora and fauna is that flora sounds like flowers, which are part of the plant world; fauna however sounds like "fauna" and faunas are part of the animal kingdom. Flora and fauna refers to the plants and animals of an environment. There is various type of flora in our study area, these are teak, mango tree, bamboo, betel nut tree, guava tree, simul, banana tree etc. and the some fauna of our study area are cow, duck, dog, cat, lizard, snack, frogs, mouse, rate, dove etc.

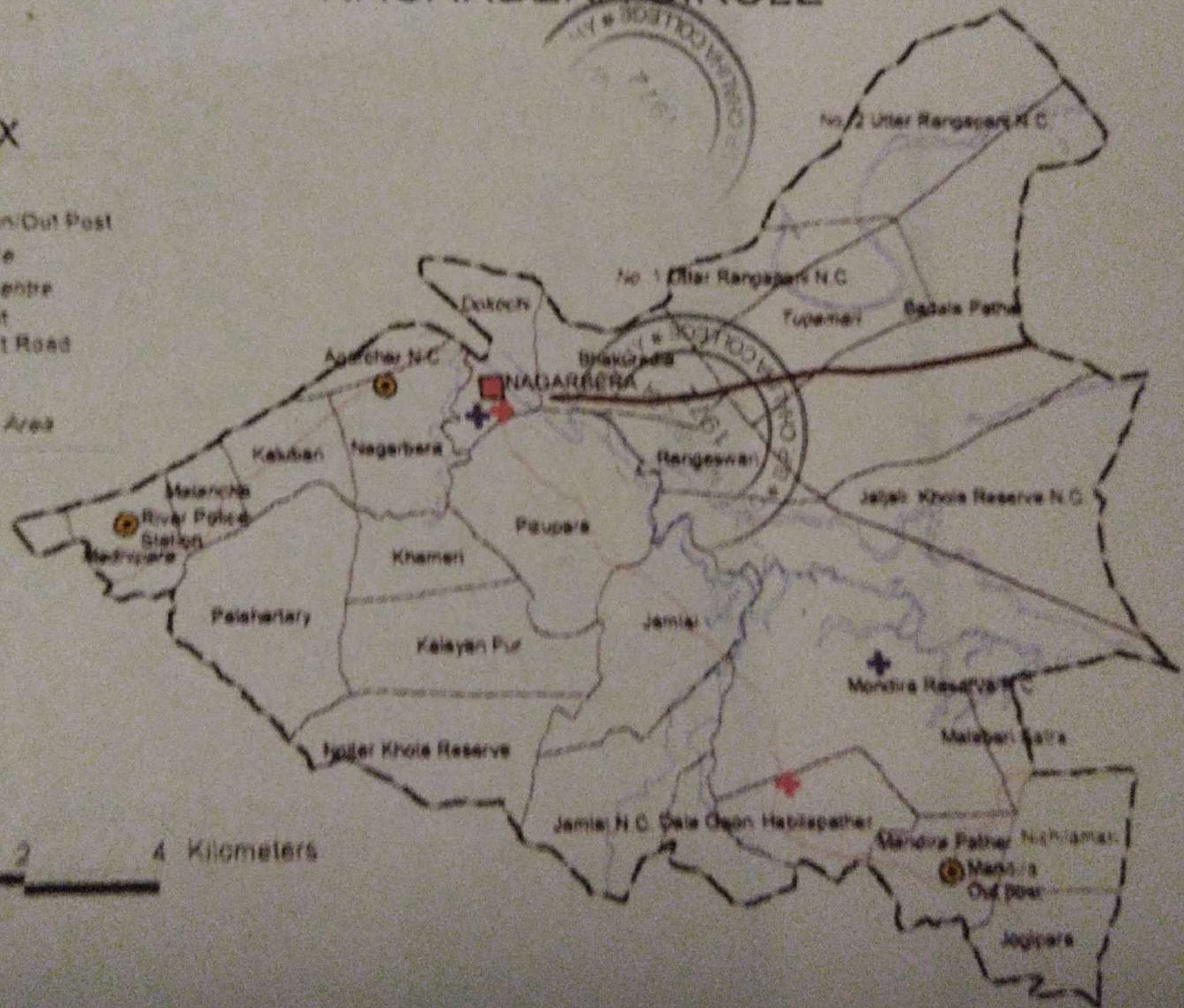
KAMRUP



KAMRUP DISTRICT NAGARBERA CIRCLE

INDEX

-  Circle Office
-  Police Station/Out Post
-  Health Centre
-  Veterinary Centre
-  Embankment
-  Other District Road
-  River
-  Village
-  Flood Prone Area



2 0 2 4 Kilometers

MAPE OF STUDY AREA

LIVESTOCK RECHARE CENTER, MONDIRA
HEKRA, MONDIRA, KAMRUP (ASSAM)



DATA SOURCE: LIVESTOCK RECHARE CENTER, MONDIRA

1.4 OBJECTIVE OF THE STUDY AREA

(a) TO UNDERSTAND ABOUT THE MAJOR PROBLEMS OF THE STUDY AREA. There are the different problems found in the study area. Which area pointly mention in below:-

- (a) Financial Problems.**
- (b) Technical Problems**
- (c) labour problems.**

(b) VARITIES OF LIVESTOCK OF THE STUDY AREA :

There are the different types of livestock found in the study area which are given in below:-

- (a) Mura Buffalo type.**
- (b) Varities types of Pig**
- (c) Varities types of Poultry and**
- (d) Varities type of fishes**
- (e) Varities types of vegetation.**

1.5 DATABASE AND METHODOLOGY:

A methodology is the theoretical and systematic analysis of the method applied to a field survey or the analysis of the methods and principle associated with branches of knowledge. Before going for field survey to prepare the report the following methodology and database were following:

CHAPTER 2 ANALYTICAL PART

2.1 HISTORICAL BACKGROUND:

In my study area the people are face the great problem of agriculture, these are transport and communication problem, literacy, irrigation, technology, fertilizer etc. In the present day the agriculture are developed because the farmer use the modern technology, chemical fertilizer etc.

I listen about the area, the agriculture as not developed because there people faces several problems. In our village area the main problem is flood problem during June to July the people faces the flood problem.

2.2 POPULATION AND SETTLEMENT:

The settlement of our village situated near the agricultural field. There are found several of settlement patterns. Those are linier types of settlement and semi compact of settlement in the surrounding village area.

2.3 FAMILY SYSTEM:

There are two type of family system, these are joint and unitary. There are no join families in my study area. Each family is depending on agriculture.

2.4 AGE GROUP:

The study of age group is one of the most important factors for agriculture purpose. From the data collection it is found that the average age group of population which are engaging the different sector like agricultural sector, livestock farming sector etc.

2.9 TRANSPORT AND COMMUNICATION SYSTEM

The transport and communication system is not developed in my study area but in the rainy season some roads are damage. In the flood time some roads are destruction. So the farmer face the transport problem and the farmer can not carried there goods or crops to market. So in my study area the farmer face the transport and communication problem.

2.10 RELIGION

In my study area, from the data collection we found one type of caste i.e. general caste and on the other hand we found one types of religion generally islam. There are some masjid in my study area.

2.11 LANGUAGE PATTERN

The language of my study area is bangla. Maximum people is speake bangla language and some people are speak assamese language in school, college, office etc. Some people also know to talk other language like hindi, english, arabic, urdu etc.

2.12 SOCIAL AMENITIES

These are-play ground, post office, health centre, masjid, electivity, etc. are found in these region. So the area is developed comperatively other areas.

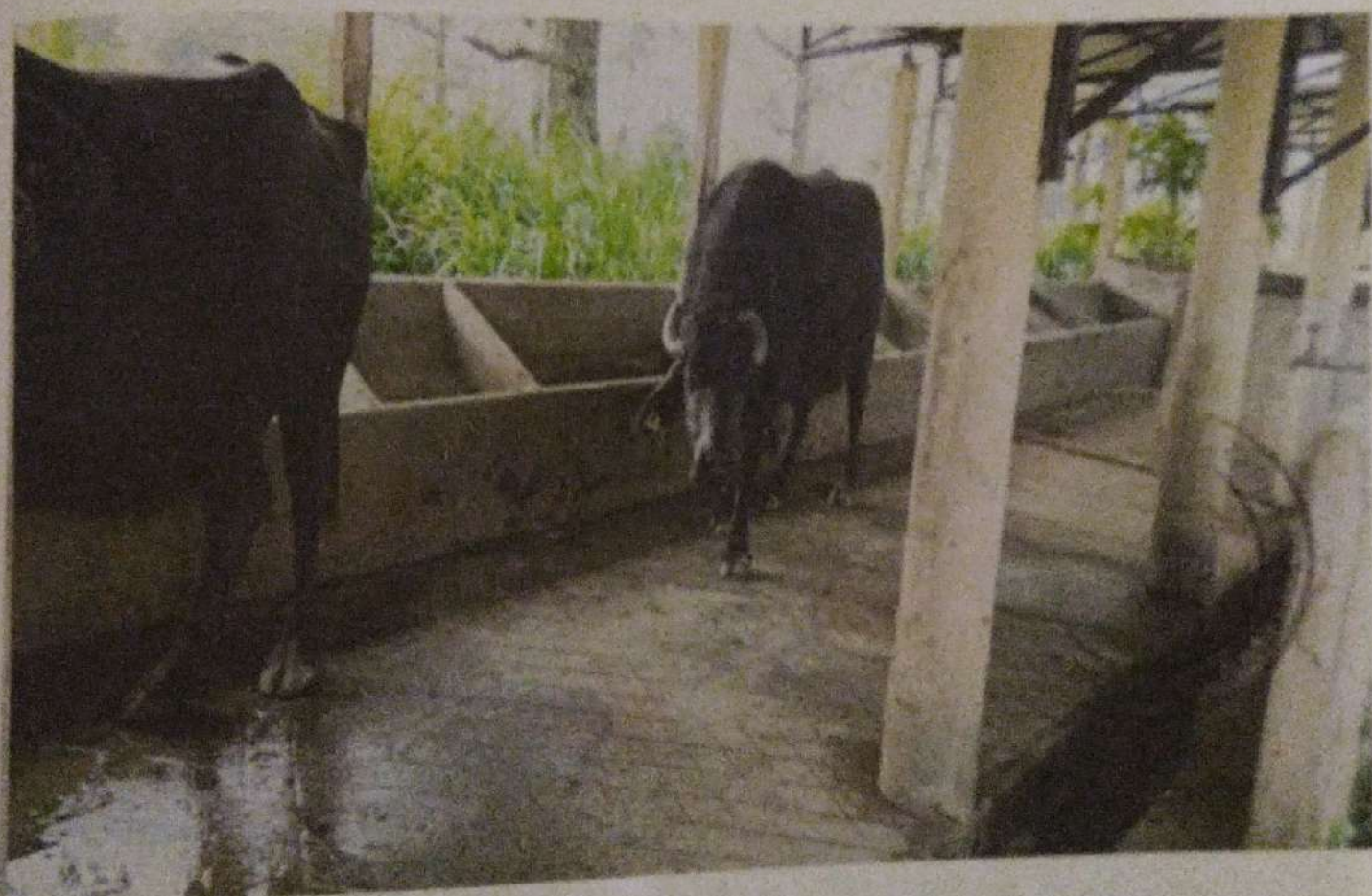
2.13 HOUSE TYPE

In my study area, the maximum people are poor. They are depend on agriculture so the house type of our region is semi R.C.C. type. Some peoples house types are Assam type. There was no R.C.C. type house in our study area.

Various livestock Farm in the study area are given below:-

2. Buffalo Farm: There are different types of buffalo are found in the study area but the Mura buffalo is migrate from Hariyana. It is the Major type of buffalo in the study area. There are Two Male Mura Buffalo and Fourty Eight (48) female Mura Buffalo In the study area. Which are showing in the following Photo in below:-

Fig:2



3. Pig Farm:

There are different types of Pigs are found in the study area but the 14 **Hemsair Type** bring from Punjab, India and 09 **Cross Pig** Bring from Punjab, India and the local type of Pig called 08 **Ghungru** bring from Local Area. Which are showing in the following Photo in below:-

Fig.



4. poultry varieties:

There are different types of Duck and Coil are found in the study area but the 25 **Khaki cambel Type** bring from Punjab, India and 42 **White Packing Duck** Bring from Punjab, India and 05 **Banraj Type** and the 25 **Coil** type of bring from Local Area. Which are showing in the following Photo in below:-

Fig:4



Conclusion:-

Above mention , we may called that the area is a economically develop area . the Livestock Farm is influencing the surrounding villages by their technique and method to the cultivator and the different poultry farmers.

ACKNOWLEDGEMENTS:

Firstly, We have give our heartiest thanks to the Principal Dr. Bibhuti Bhushan Panda sir for give us permission of Field Study in Livestock Research Centre in Hekra ,Mondira to prepared the Project report.

Secondly, We give our immense pleaser to express gratitude to our Respective Teachers ; Associate Prof. Anita Keot H.O.D of Geography, Associate Prof. Bishnu Ram Talukdar Deptt. Of Geography and Reteared Prof. dulal Dev Nath, deptt. of Geography B.P.Chaliha College, Nagarbera.

Thirdly, We give our heartiest thank to the Field Study Guide Assistant Prof. Ganesh Chandra Das ,Deptt. of Geography, B. P .Chaliha College, Nagarbera

Fourtly at the same time We offer our heartiest thank to Junior Inginear of Hekra livestock Reasearch Centre for give us different data to prepared our Field Study Report.

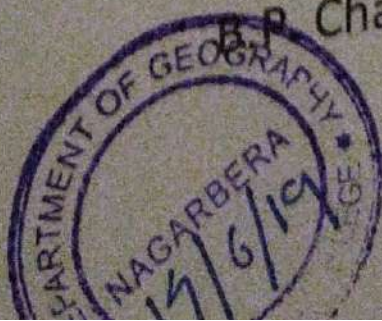
We also thanks to all the friends of B.A. 6 th. Sem. Geography General Students ,such as -Aupam Das ,Megnath Das, Farhena ,Aminul , for co-operate to prepare the Field Study Report

Field Study Report Guide

Assistant Prof. Ganesh Ch. Das

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PREFACE:

Geography enjoys a high position among field sciences. Field study is an interregal part of geographical observation for the proper understanding of the subject. observation of geographical facts in the field is also essential. The first hand information can be obtained only by visiting the spot. By closely observation the area personally, we may find a clue of different geographical facts. The sight seeing becomes an important aspect of field geography, which can be possible only by arranging simple excursions or filed Survey to adjoining or distant land. With this aims in mind. We the student of geography (G.) B.A 6th semester, B. P. Chaliha College , Nagarbera have organized a field study programe on Date.16/05/2019 in Hekra Livestock farm, Kamrup district of Assam.

With thanks

.....
B.A 6th. Sem Geography (General)

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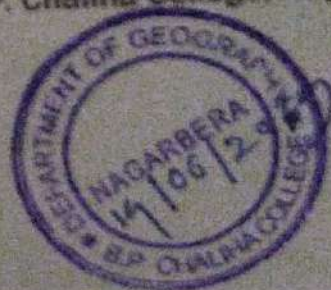
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14/06/2019

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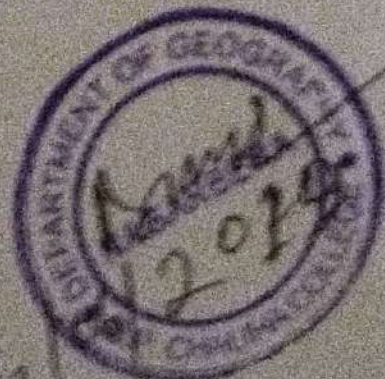


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Prof Anita Keot
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