जल ही जीवन है।

D.P.R. FOR I.W.M.P.-6th
LAND DEVELOPMENT AND
WATER RESOURCES DEPARTMENT

BY :- BSA MAHOBA III

रहिमन पानी राखिये,

बिन पानी सब सून।

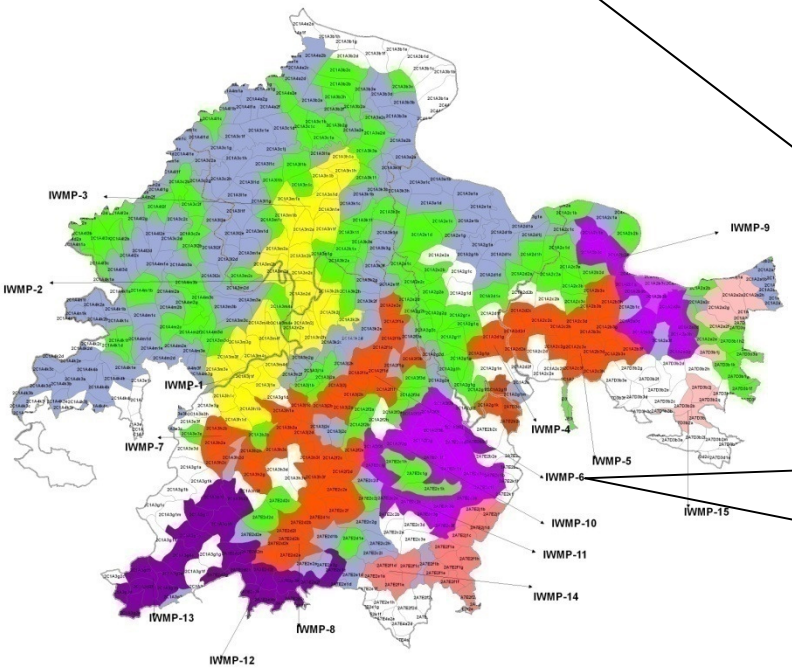
पानी गये न उभरे,

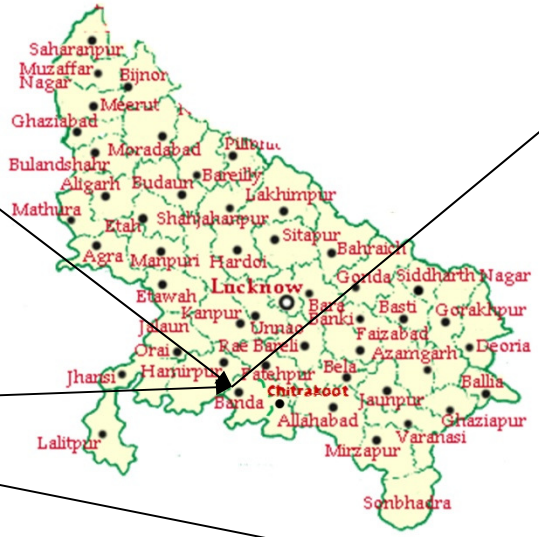
मोती मानस चून ।।

LOCATION OF I.W.M.P. –6th MAHOBA CLUSTER

DISTRICT: Mahoba

STATE: Uttar Pradesh





CONTENTS

I.W.M.P. – 6th

PROJECT AT A GLANCE

1 - Name Of Project	I.W.M.P 6th Mahoba.
2- Name Of Block	1-Panvari
3 -Name Of District	Mahoba
4 -Name Of State	U.P.
5-Name Of Watershed	Belatal, Dhasan River.
6 -Name Village Selected	Bagol, Rampura Qadim, Budhi, Sugira, Panara, Leta, Richha, Andwara, Vijaypur, Mahua Itaura, Gugaura, Raimalpura,Dinai,Naunka, khera nankari, kilaua, sinkandarpura, Gorkha, Pathari Qadeem, Sonakpura, Kulpahar Rural, Dhanawan, Bhatewara kala.
7 -Micro Watershed Code Selected	2C2A3q2e, 2C2A3q2c, 2C2A3x1a, 2C2A3x1d, 2C2A3q2d, 2C2A3w2c, 2C2A3v2a,
8 -Total Area Of The Project	5830.00ha.
9 -Proposed Area For Treatment	5250.00 ha.
10-Cost Per Hectare	Rs. 12000.00
11 -Project Period	2010-11 to 2013-14
12 -Total Cost Of Project	630.000 Lakhs
13 -Proposed Man Days	205000 Nos

S. No.	Item	Physical Phasing Year wise (area in ha.)					Financial Phasing Year wise (Rs. In Lacs.)				
		2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	2012-13	2013-14	Total
1	Administrative	-	-	-	-	-	12.60	17.01	17.01	16.38	63.00
2	D.P.R. Preparation	-	-	-	-	-	6.30	-	-	-	6.30
3	Monitoring	-	-	-	-	-	1.26	1.26	1.26	2.52	6.30
4	Evaluation						1.89	-	2.205	2.205	6.30
4	Entry Point Activity	-	-	-	-	-	25.20	-	-	-	25.20
5	Institutional & Capacity Building	-	-	-	-	-	18.90	4.725	4.725	3.15	31.50
6	Watershed works	703.125	1532.813	1500.00	1514.062	5250	47.25	103.005	100.80	101.745	352.80
7	Livelyhood & Income Generating	-	-	-	-	-	6.30	18.90	18.90	12.60	56.70
8	Production System Development	-	-	-	-	-	6.30	18.90	25.20	12.60	63.00
9	Consolidation Phase	-	-	-	-	-	-	-	-	18.90	18.90
GRAND TOTAL		**703.125**	**1532.813**	**1500.00**	**1514.062**	**5250**	**126.00**	**264.60**	**171.045**	**68.355**	**630.00**

1- Executive Summary

In District Mahoba (U.P.) 53 no. of micro watershed having 35293.00 ha are available for I.W.M.P., out of which Year 2009-10 micro watersheds named 2C2A3q2e, 2CA23q2c, 2C2A3x1a, 2C2A3x1d, 2C2A3q2d, 2C2A3w2c, 2C2A3v2a, having 5680.00 hectare area are selected under I.W.M.P. 6th Mahoba. These micro watersheds are situated in the catchment of river Dhasan. The watershed is situated in the middle south of Mahoba district.

The estimate of the selected project is semi-arid with an average rainfall (preceding-five year) is 751 mm. out of which about 90% is received during the monsoon season from July to September. Temperature ranges from very high 51°c in the May-June to minimum 5.1°c during December –January.

The soil of project area is mainly clay, Padwa & Rakar. Middle portion of the project has minor slope. There are some hills in the project area. Agriculture is the main occupation of the people of project area. The main crops are Gram, lentil, Arhar, Bajra. Most of the fields are kept fallow during Kharif season due to this season Green Manuring is the proposed to minimize the runoff and to maintain the soil fertility of the soil.

Natural vegetation of the watershed area is very poor. Babool, Mahua are the main tree of the area. Occasionally Mango, Neem, Sheesham, Ber tree are found in this area. There is no reserve pasture in the watershed area. Due to Anna Pratha and lack of irrigation water the rate of mortality of planted trees is very high. P.R.A. exercises conducted in the villages of watershed area revealed that inadequate irrigation facilities, low production of field crops.

Fodder shortage, lack of inputs and market facility are some of the major constraints being experienced by the farmers. For this area Amla, Guava, Ber, Bel fruit plants are suitable. 35.00 ha Agro-Horticulture is proposed in the selected area to motivate the farmers to adopt the agro horticulture in practice because of inadequate irrigation water.

It is expected that the implementation of different watershed management activities will bring down the run off and soil loss by 70% and 80% of their present level respectively. It is envisaged to increase the water and land utilization index though adoption of bio-engineering measures and improve the eco-development index. The proposed plan will improve the crop diversification index, productivity of existing crops and thereby will lead to self-suffering in food with nutritional security. The different enterprises of various sectors and the project as a whole have been found to be economically viable with sound rate of internal return and less payback period.

INTRODUCTION:

The selected watershed is Mahoba district(U.P.) is located along Panwari-Mauranipur, Panwari-Charkhari, Panwari-Kulpahar approachable side. The micro watershed are situated in the south of Mahoba.

Area and Elevation: Total area of the watershed is 5830.00 ha. Twelve villages, namely Gugaura, Mahua Itaura, Raimalpura, Richha, Leta, Vijaypur, Andwara, Panara, Budhi, Rampura Qadim, Bagol, Sugira, are located in the watershed.

Shape: Elongated type.

LOCATION :

This project I.W.M.P-6th is located at Panwari block.Mostly area is stuated on the west side of Mirjapur, Jhansi National Highway.This project have shape triangle irregular shape in the Latitude / Longitude 25°25'49.03" N - 79°28'25.4"E, elev 571 feet.

Physiography:

The watershed is in the Bundelkhand region having moderate slopes and drains into river Betwa through Dhasan. About 60% of the watershed area has slopes up to 3 %, 20% area has slopes up to 1% and 20% area has slopes from 3 to 5 %. A number of streams join the main perennial stream of Ohan. Total 44 numbers of streams of different order are found in watershed.

Climate:

The watershed lies in the semi-arid region having tropical climate. The average annual precipitation is 700 mm. Most of the annual rain fall (about 90%) is received during the rainy season (July to September) accompanied with high intensity storm. The temperature in the area rarely goes up to 42°-48°c during summer and reaches 5°-2°c in winter.

1- Wide range of annual and personal crops 2- Scope of regular employment opportunity to check	1- Prone to adverse climate like drought 2- High market risk

out migration 3- Strengthening of existing irrigation system 4- Conductive climate for rainfed crop diversification 5- Good scope for agro forestry and dry land horticulture. 6- Potential for collective active action and management of CPRs.	3- Social conflicts owing to PRI & WSM policies and local policies. 4- Weak coordination among line departments. 5- Lack of expertise of implementing agencies in different aspect of WSM.

PROPOSED LAND USE

Watershed management plan for Dhasan watershed is proposed with specific objectives of food efficiency and income and employment generation with environmental security. In plan preparation due importance is given to topology, land suitability, irrigation potentiality, prevailing forming systems, micro-farming situation, farmers preferences and priorities along with economic and environmental securities, crop and tree selection and area distribution is done as per farmers priorities revealed through PRA exercise. Technological options is blended with the indigenous knowledge based on the latest available research/experimental findings for this region. Due attention is given to resource of the farmers and adjustments has made in capital intensive/high resource demanding technological outputs while making them adoptable to the resource poor farmers. Emphasis is given on maximum use of Farmyard Manure (FYM) and green manuring. The proposed land use plan of watershed is given as below:

Land Capability Classification (LCC):

Land capability classification(LCC) is crucial for appropriate land use planting consisting of practiced like choice of vegetation /crops, tillage practices, use of scientific method of cultivation and desirous conservation practices, Detailed LCC Survey carried out in the Dhasan river watershed brought out the prevailing LCC classes as I,II,III,IV

Area Under Various LCC Classes Paisuni & Ohan Watershed

LCC class	Area ha
I	263.00
II	3810.00
III	525.00
IV	652.00
Total	**5250.00**

LCC maps prepared by PRA method is enclosed from page no. to page no.

Conclusion: The land capability classification of the Dhasan watershed provides reasonable good information with regard to capability of soil, that could be used for agriculture, agri-horticulture, silvi-culture and pasture development. The majority of land form is coming under

class II, which give an insight of good agriculture production potential of these watershed. The productivity of these lands could be further enhanced by adoption of simple soil & water conservation measures like contour bunding *in-situ* moisture conservation practices. In class III submergence bund, marginal and peripheral bund are planned and in class IV, gully plugging structures, earthen check dam and water harvesting bunds are proposed with permanent Pucca Drop Spill Way structures.

Problems And Need Of Area:

Problem Identification and Prioritization: Food sufficiency, economic growth and environmental security has identified as the major issues to be addressed in the watershed area. The area has moderate to steep slope hence highly prone to soil erosion. Efficiency soil depth is unlimited and spatially useful for good crop growth.

Problems identified and prioritized the transect walk and PRA exercise in all 12 villages have pooled and list of 10(Ten) problems representing the whole watershed was prepared. Problems have ranked as per their total Weightage in the 12 villages. Lack of irrigation water is the greatest problem experienced by the people followed by low function of field crops, lack of fodder availability and low animal productivity.

Problems Identification and Prioritization for Dhasan river Watershed

S.No.	Problems	Rank
1	Low production of field crops	3
2	Lack of irrigation water	1
3	Lack of drinking water	4
4	Non availability of fuel wood	6
5	Lack of inputs like quality seeds, fertilizers, pesticides etc.	2
6	Medical and health care facilities for milching animals and low productivity	5
7	Lack of fodder availability and low annual productivity	7
8	Lack of medical educational and transportation facilities	8
9	Animals Anna System	
10	Drunkard ship	

SOCIO - ECONOMIC ANALYSIS OF THE PROJECT

Sustainability and Environmental Security:

In the proposed watershed management plan of Dhasan river, proper blending of bio engineering measures will be applied. The proposed land use plan will improve the land utilization index and crop diversification index significantly as compared to existing one. It will help in maintaining ecosystem integrity on sustained basis.

Economic Analysis: Economic analysis of the project is carried out by taking direct benefits and costs, considering 30 year project life at 10% discount rate. For the purpose of economic analysis,

whole watershed development plan is divided into four sectors namely agriculture (rainfed and irrigated), pure horticulture, agro-horticulture and silvi pastoral (Silvi-Pastoral + sericulture). Net present value (NPV), Benefit Cost Ratio(BCR) , Payback Period(PBR) and internal rate of return(IRR) criteria is employed to judge the economic efficiency of each enterprise, sector and project as a whole.

ECONOMICS OF AGRICULTURAL SECTOR OF DHASAN RIVER WATERSHED

S.No.	Sector	Area in ha
1.	Irrigated Agriculture	Nil
2.	Rainfed Agriculture	5250.00
	Total Agriculture	5250.00

BENEFIT COST RATIO OF I.W.M.P.- 6TH MAHOBA

Year	Construction cost (00,000 Rs.)	Operation and maintenance cost (00,000 Rs.)	Benefit (00,000 Rs.)
1	123.60	4.94	12.36
2	185.40	12.36	54.08
3	123.60	17.30	100.43

4	185.40	24.72	247.20
5	-	24.72	247.20
6	-	24.72	247.20
7	-	24.72	247.20
8	-	24.72	247.20
9	-	24.72	247.20
10	-	24.72	247.20

BY BENEFIT, COST RATIO METHO

S.No.	Item	1	2	3	4	5	6	7	8	9	10	
1	Discount factor 10%	0.909	0.826	0.751	0.683	0.621	0.564	0.513	0.467	0.424	0.386	
2	Total cost(00,000 Rs.)	128.54	197.76	140.90	210.12	24.72	24.72	24.72	24.72	24.72	24.72	
3	Benefit(00,000 Rs.)	12.36	54.08	100.43	247.20	247.20	247.20	247.20	247.20	247.20	247.20	
4	$\sum$ Cost	116.84	163.34	105.81	143.51	15.35	13.94	12.68	11.54	10.84	9.54	**603.03**
5	$\sum$ Benefit	11.23	44.67	75.42	168.83	153.51	139.42	126.81	115.44	104.81	95.41	**1035.55**

Benefit cost ratio = $\frac{\sum Benefit}{\sum Cost}$

$$= \frac{1035.55}{603.03}$$

=1.71:1

Hence OK

STATUS OF FOOD REQUIREMENT AND AVAILABILITY PER ANNUM IN DHASAN RIVER WATERSHED

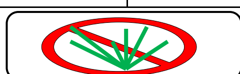
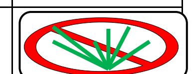
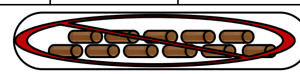
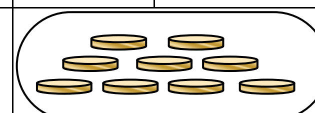
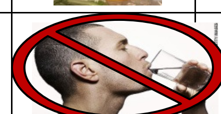
S.No.	Item	Requirement Q / yr.	Before Project		Proposed	
			Availability Q / yr.	Deficit or Surplus Q / yr.	Availability Q / yr.	Deficit or Surplus Q / yr.
1.	Cereals	49915	39952	- 9963	51235	+ 1320
2.	Pulses	15050	19772	+ 4722	21877	+ 6827
3.	Oil Seeds	11452	9895	- 1557	12581	+ 1129
4.	Vegetables	37591	25675	-11916	38093	+ 502

Employment Generation

Labour migration in search of gainful employment is one of the major problems in the remote watershed in particular. Casual employment opportunities to the tune of more than 2.581 lakhs will be generated during the implementation of the project activities. However, changes in the land use pattern and adoption of other subsidiary enterprises will generate employment opportunities for persons of 2.05 lakhs in the watershed.

SEASONAL ANALYSIS

Seasonal analysis has done with the help of farmers about rainfall patterns, cultivated crops, employment, income, availability of fuel, fodder, migration, transport and health hazards, etc. with respect to seasonal variation in a year which is shown as below:

Month Item	January	February	March	April	May	June	July	August	September	October	November	December
Festivals			Holi	Baisakhi			Rakshabandhan			Dashara	Diwali	Guru Parv
Sowing crops/ harvesting			Mustard			Maize, Paddy, Arhar				Wheat		
				Wheat, Arhar					Maize, Paddy			
Disease	Cough & Cold					Gastro Intestinal/ Loose-motion.			Fever			
Purchase/ Expending					☺☺☺☺☺						☺☺☺☺☺☺☺☺☺☺	
Rains							'''					
Fodder Scarcity												
Fuel/ wood scarcity												
Loaning period (required)												
Marriage Period												
Drinking Water Scarcity												
Irrigation Water Scarcity												

CHAPTER NO.-1

D.P.R. PREPARATION OF WATERSHED PROJECTS

Project Background

Status of watershed programme **District- Mahoba**

Details	No.	Area (ha.)
1	2	3
Total Micro watersheds in the district	425	288400
Workable Micro Watersheds	384	264865
Micro Watersheds already treated by DLWR & other agencies	253	137979
Balance Micro Watersheds (MWS) for treatment (Before start of IWMP in distt.)	131	126886

Year	Project/Phase IWMP……..	MWS	Area (ha)	Project Cost Rs. lakh	Name of PIA	S.C. Meeting Date

1	2	4	5	6	7	8
2009-10	IWMP 6	7	5250.00	630.00	B.S.A. Bhoomi vikas & jal Sansadhan vibhag Mahoba-3	

Approved plan (PPRs) by Steering Committee(SC)/Gov. of India, District- Mahoba

Status of previous DPRs District- Mahoba

Sl. No.	Approved Project (IWMP-VI)	Status of DPR under preparation/ prepared/approved by SLNA with date	Project Area ha	Treatable Area ha	Project cost Rs.(Lakh)	Project period (Fin. Year from.....to.....)	PIA
1	2	3	4	5	6	7	8
2	IWMP 6	Approved by SLNA	5830.00	5250.00	630.00	2010-11 To 2013-14	B.S.A. Bhoomi vikas & jal Sansadhan vibhag Mahoba-3

Details of IWMP for which this DPR is Prepared

Watershed project	Micro Watersheds (MWS) detail	Micro watersheds	Name of Watershed in which

IWMP		code	MWS is falling (River / Nala name)
IWMP 6	Gagaura	2C2B3j2f	Dhasan River
	Vijaypur	2C2A3x1a	” ”
	Panara	2C2A3q2e	” ”
	Mahua Itaura	2C2A3x1d	” ”
	Richha	2C2A3q2c	” ”
	Bagol	2C2A3w2c	” ”
	Rampura Quadim (Sugira)	2C2A3v2a	” ”

General Description of the Project Area

Location:-

Project- IWMP- 6 **District-Mahoba**

S N	Name of micro watershed with Code	Latitude / Longitude	Name of GP	Names of villages..	Name of Block	Area of village included in MWS	Details of important /approach road with distance km
1	2	3	4	5	6		7
1	Gagaura2C2B3j2f	25°25’32N,79°31’40.45” E	Gagaura, Mahua Itaura, Richha, Vijaypur, Andwara, Bagaul,Gork	Bagol, Rampura Qadim, Budhi, Sugira, Panara, Leta, Richha, Andwara, Vijaypur, Mahua Itaura,	Panwari ,, ,, ,, ,,	500.10	47Km./ Kulpahar-panwari Road
2	Vijaypur2C2A3x1a	25°22’24.29”N,79°35’29.12”E				807.30	40 Km./ Kulpahar-panwari Road
3	Panara2C2A3q2e	25°22’21.46”N,79°35’27				904.25	43 Km. / Kulpahar-panwari Road

		.83”E	ha, Sugira, Luhari,Kilaua, Ku lpahad	Gugaura, Raimalpura,Dinai,Naunka, khera nankari, kilaua, sinkandarpura, Gorkha, Pathari Qadeem, Sonakpura, Kulpahar Rural, Dhanawan, Bhatewara kala.			
4	Mahua Itaura2C2A3x1d	25°24’28.22”N,79°30’22.52”E			Charkhari Panwari	706.55	42 Kulpahar- panwari Road
5	Richha2C2A3q2c	25°22’43.92”N,79°36’E				618.37	36Km Kulpahar- panwari Road
6	Bagol2C2A3w2c	25°21’19.35”N,79°37”N 44.55”E				705.65	27 Km Kulpahar- panwari Road
7	Rampura Quadim (Sugira)2C2A3v2a	25°20’21.34”N,79.36”E29.30”E				1007.78	30 Km Kulpahar- panwari Road

WS location maps:- Map showing- U.P. in India, District in U.P., Watershed in District and Block

Area under major land uses

Project- IWMP- VI **District-Mahoba**

SN	Name of micro watershed with Code	Name of village	Cultivated and wasteland area of the village (ha)				Area details (ha) (falling within the projects)								
			Cultivated rainfed area	Cultivated irrigated area	Uncultivated wasteland/ fallow		Pvt. Agri. Land					Forest Land	Community land	Others (Pl. specify)	Total area (ha)
					Temp.	Permanent	Gen	SC	ST	OBC	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Gagaura2C2B3j2f	Gagaura, Vijaypur, Panara, Budhi Mahua , Richha,	**810.37**	**-**	**130.85**	**-**	**299.54**	**119.81**	**-**	**179.72**	**599.09**	**27.24**	**-**	**.85**	**500.10**
2	Vijaypur2C2A3x1a		**841.269**	**-**	**132.03**	**-**	**310.96**	**124.38**	**-**	**186.57**	**621.93**	**28.28**	**-**	**.89**	**807.30**
3	Panara2C2A3q2e		**812.119**	**-**	**130.92**	**-**	**300.19**	**120.07**	**-**	**180.11**	**600.38**	**27.30**	**-**	**.86**	**904.25**

4	Mahua Itaura2C2 A3x1d	Bagol, Leta, Andwara, Raimalpur a Rampura Quadim, Sugira,	**959.618**	**-**	**136.54**	**-**	**354.713**	**141.88**	**-**	**212.82**	**709.42**	**32.26**	**-**	**1.01**	**706.55**	
5	Richha2C 2A3q2c		**787.633**	**-**	**129.99**	**-**	**291.14**	**116.45**	**-**	**174.68**	**582.28**	**26.47**	**-**	**.83**	**618.37**	
6	Bagol2C2 A3w2c		**900.152**	**-**	**34.29**	**-**	**332.73**	**133.092**	**-**	**199.63**	**665.46**	**30.26**	**-**	**.95**	**705.65**	
7	Rampura Quadim (Sugira)2 C2A3v2a		**718.839**	**-**	**43.23**	**-**	**265.71**	**106.28**	**-**	**159.42**	**531.42**	**24.16**	**-**	**.76**	**1007.78**	
	Total		**5830.00**		**737.85**		**2155**	**862**		**1293**	**4310**	**196**		**6.15**	**5250.00**	

1. Slope range in the project area

Project- IWMP- VI **District- Mahoba**

Sl. No.	Name of MWS & code	Slope range wise area (ha)						
		0-05%	0.5-1.0%	1-3%	3-5%	>5%		Others Specify
						Undulating	Terraced	
1	2	3	4	5	6	7	8	9
1	Gagaura2C2B3j2f	-	-	214.91	200.00	-	-	-
2	Vijaypur2C2A3x1a	-	-	174.51	200.00	-	-	-

3	Panara2C2A3q2e	-	-	258.66	300.00	-	-	-
4	Mahua Itaura2C2A3x1d	-	-	330.00	500.00	-	-	-
5	Richha2C2A3q2c	-	-	338.07	400.00	-	-	-
6	Bagol2C2A3w2c	-	-	346.22	400.00	100.00	-	-
7	Sugira/Rampura Quadim 2C2A3v2a	-	-	206.55	300.00	-	-	-

Climate:-

Average monthly rainfall, and Temperature of the last five years:-

Project- IWMP VI **District-MAHOBA**

Month	Year/Rainfall in mm.						Temperature c	
	2004	2005	2006	2007	2008	Average	Max.	Min.
January	50	50	45	46	41	46.4	15	8.3
February	40	35	30	28	25	31.5	20	12.5
March	20	25	23	21	18	17.6	25	17
April	-	-	-	-	-	-	30	20
May	-	-	-	-	-	-	40	30
June	79	75	71	10	30	53	47.5	32

July	250	254	225	200	200	225.8	35	25
August	250	250	243	235	233	242.2	34	26
September	100	100	80	73	70	84.6	35	24
October	50	45	45	41	38	43.8	37	26
November	15	20	10	5	3	10.6	30	17
December	10	10	5	3	5	6.6	18	13

Evaporation mm/day (open pan evaporation), Humidity etc Watershed Characteristic:-

Baseline Survey

Demographic Features with Ethnographic Details of Communities

Project- IWMP VI **District- Mahoba**

SN	Name of Micro Watershed	Name of village	Total Population			Population of SC/ST		
			Total	Male	Female	Total	Male	Female
1	**2**	**3**	**4**	**5**	**6**	**7**	**8**	**9**
1	Gagaura	Gagaura	**1529**	**810**	**719**	**306**	**162**	**144**
2	Vijaypur	Vijaypur	**2621**	**1422**	**1259**	**1260**	**668**	**592**
3	Panara	Panara	**801**	**424**	**377**	**376**	**200**	**176**
4	Mahua Itaura	Mahua Itaura	**2595**	**1376**	**1219**	**535**	**283**	**252**
5	Richha	Richha	**2291**	**1213**	**1078**	**1077**	**571**	**506**

6	Bagol	Bagol	**821**	**435**	**386**	**386**	**204**	**182**
7	Rampura Quadim (Sugira)	Rampura Quadim (Sugira)	**8066**	**4274**	**3792**	**1645**	**864**	**781**

Table-M(PO)A2: (i).Details of seasonal migration from Project area: Pre-project status *

Project- IWMP VI **District- Mahoba**

Sl. No.	Names of Watershed	Name of village	No. of persons migrating	No. of days per year of migration	Major reason(s) for migrating	Distance of destination of migration from the village (km)	Occupation during migration	Income from such occupation (Rs. in lakh)
1	2	3	4	5	6	7	8	9
1	Gagaura	Gagaura	100	222	For Livelihood	550	Labour	0.50
2	Vijaypur	Vijaypur	90	225	For Livelihood	650	Labour	0.52
3	Panara	Panara	110	230	For Livelihood	600	Labour	0.54
4	Mahua Itaura	Mahua Itaura	150	221	For Livelihood	700	Labour	0.69
5	Richha	Richha	130	225	For Livelihood	800	Labour	0.65
6	Bagol	Bagol	210	235	For Livelihood	850	Labour	0.63
7	Rampura Quadim (Sugira)	Rampura Quadim (Sugira)	150	219	For Livelihood	640	Labour	0.60

Soil Texture:-

Project- IWMP VI **District-Mahoba**

Sl. No.	Area in different Soil Group (ha)			
	Light textured soil (sand, loamy sand)	Medium textured soil (Sandy loam, loam, silt loam)	Heavy textured soil (Clayey)	Others specify ……..
1	-	1050 (ha)	4200 (ha)	-
Total	-	1050 (ha)	4200 (ha)	-

Details of land holding pattern in the project areas *

IWMP VI, **District - Mahoba**

1	2	3	4	5	6	7		
S. No.	Names MWS with code	Name of Village	Type of Farmer	No. of households	No. of BPL households	Land holding (ha)		
						Irrigated	Rainfed	Total
1	Gagaura2C2B3j2f	Gagaura	(i) Large farmer	-	-	-	472.10	472.10
2	Vijaypur2C2A3x1a	Vijaypur	(ii) Small farmer	-	-	-	778.30	778.30
3	Panara2C2A3q2e	Panara	(iii) Marginal farmer	-	-	-	890.25	890.25
4	Mahua Itaura2C2A3x1d	Mahua Itaura	(iv) Landless person	-	-	-	680.55	680.55
5	Richha2C2A3q2c	Richha		-	-	-	589.37	589.37
6	Bagol2C2A3w2c	Bagol		-	-	-	678.65	678.65
7	Rampura Quadim (Sugira)2C2A3v2a	Rampura Quadim (Sugira)		-	-	-	989.78	989.78
Total						-	5079.00	5079.00

Major Crops, their Productivity and Production

Name of MWS-Gagaura **IWMP-VI** **District-Mahoba**

Area in ha

S.No	Crop.	Area in (Ha.)		Productivity Qtl,/Ha		Production (Qtl.)				Remarks
						Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	**Kharif**	-	-	-	-	-	-	-	-	-
1	Rice	-	-	-	-	-	-	-	-	-
2	Maze	-	60	-	8	-	480	-	-	-
3	Arhar	-	79	-	7	-	553	-	-	-
4	Urd/Mung	-	-	-	-	-	-	-	-	-
5	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
6	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
B	**Rabi**	-	-	-	-	-	-	-	-	-
1	Wheat	-	77	-	16	-	1232	-	-	-
2	Barley	-	-	-	-	-	-	-	-	-
3	Masoor	-	175	-	8	-	1400	-	-	-
4	Gram	-	75	-	10	-	750	-	-	-
5	Pea	-	22	-	6	-	132	-	-	-
6	Mustard	-	-	-	-	-		-	-	-
7	Potato	-	4	-	32	-	128	-	-	-
8	vegetables (Cropwise)	-	3	-	20	-	60	-	-	-
9	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
C	**Zaid**	-	-	-	-	-	-	-	-	-
1	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
2	Fodder	-	-	-	-	-	-	-	-	-
3	Urd/Mung	-	5	-	8	-	40	-	-	-
4	Sugarcane	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
	-	-	-	-				-	-	-

Major Crops, their Productivity and Production

Name of MWS-Vijaypur **IWMP-VI** **District-Mahoba**

Area in ha

S.No	Crop.	Area in (Ha.)		Productivity Qtl,/Ha		Production (Qtl.)				Remarks
						Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	**Kharif**	-	-	-	-	-	-	-	-	-
1	Rice	-	-	-	-	-	-	-	-	-
2	Maze	-	84	-	8	-	672	-	-	-
3	Arhar	-	93	-	7	-	651	-	-	-
4	Urd/Mung	-	-	-	-	-	-	-	-	-
5	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
6	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
B	**Rabi**	-	-	-	-	-	-	-	-	-
1	Wheat	-	355	-	16	-	5680	-	-	-
2	Barley	-	-	-	-	-	-	-	-	-
3	Masoor	-	-	-	-	-	-	-	-	-

4	Gram	-	173	-	10	-	1730	-	-	-
5	Pea	-	63	-	6	-	378	-	-	-
6	Mustard	-	-	-	-	-	-	-	-	-
7	Potato	-	-	-	-	-	-	-	-	-
8	vegetables (Cropwise)	-	2	-	15	-	30	-	-	-
9	Fodder	-	3	-	50	-	150	-	-	-
..	Other, specify	-	84	-	5	-	420	-	-	-
C	**Zaid**	-	-	-	-	-	-	-	-	-
1	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
2	Fodder	-	-	-	-	-	-	-	-	-
3	Urd/Mung	-	-	-	-	-	-	-	-	-
4	Sugarcane	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
								-	-	-

Major Crops, their Productivity and Production

Name of MWS-Panara **IWMP-VI** **District-Mahoba**

Area in ha

S.No	Crop.	Area in (Ha.)		Productivity Qtl,/Ha		Production (Qtl.)				Remarks
						Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	**Kharif**	-	-	-	-	-	-	-	-	-
1	Rice	-	-	-	-	-	-	-	-	-
2	Maze	-	84	-	10	-	840	-	-	-
3	Arhar	-	93	-	8	-	744	-	-	-
4	Urd/Mung	-	-	-	-	-	-	-	-	-
5	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
6	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
B	**Rabi**	-	-	-	-	-	-	-	-	-
1	Wheat	-	412	-	16	-	6592	-	-	-
2	Barley	-	-	-	-	-	-	-	-	-
3	Masoor	-	-	-	-	-	-	-	-	-
4	Gram	-	193	-	11	-	2123	-	-	-
5	Pea	-	83	-	10	-	830	-	-	-
6	Mustard	-	34	-	7	-	238	-	-	-
7	Potato	-	-	-	-	-	-	-	-	-
8	vegetables (Cropwise)	-	2	-	20	-	60	-	-	-
9	Fodder	-	3	-	50	-	150	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
C	**Zaid**	-	-	-	-	-	-	-	-	-
1	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
2	Fodder	-	-	-	-	-	-	-	-	-
3	Urd/Mung	-	-	-	-	-	-	-	-	-
4	Sugarcane	-	-	-	-	-	-	-	-	-

..	Other, specify	-		-		-		-	-	-

Major Crops, their Productivity and Production

Name of MWS-Mahua **IWMP-VI** **District-Mahoba**

Area in ha

S.No	Crop.	Area in (Ha.)		Productivity Qtl,/Ha		Production (Qtl.)				Remarks
						Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	**Kharif**	-	-	-	-	-	-	-	-	-
1	Rice	-	-	-	-	-	-	-	-	-
2	Maze	-	82	-	10	-	820	-	-	-
3	Arhar	-	79	-	8	-	632	-	-	-
4	Urd/Mung	-	-	-	-	-	-	-	-	-
5	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
6	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
B	**Rabi**	-	-	-	-	-	-	-	-	-

1	Wheat	-	277	-	16	-	4432	-	-	-
2	Barley	-	-	-	-	-	0	-	-	-
3	Masoor	-	-	-	-	-	0	-	-	-
4	Gram	-	179	-	11	-	1969	-	-	-
5	Pea	-	63	-	10	-	630	-	-	-
6	Mustard	-	22	-	7	-	154	-	-	-
7	Potato	-	-	-	-	-	0	-	-	-
8	vegetables (Cropwise)	-	2	-	20	-	40	-	-	-
9	Fodder	-	2.5	-	50	-	125	-	-	-
..	Other, specify	-	82	-	10	-	820	-	-	-
C	**Zaid**	-	-	-	-	-	-	-	-	-
1	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
2	Fodder	-	-	-	-	-	-	-	-	-
3	Urd/Mung	-	-	-	-	-	-	-	-	-
4	Sugarcane	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-

Major Crops, their Productivity and Production

Name of MWS-Riccha **IWMP-VI** **District-Mahoba**

Area in ha

S.No	Crop.	Area in (Ha.)		Productivity Qtl,/Ha		Production (Qtl.)				Remarks
						Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	**Kharif**	-	-	-	-	-	-	-	-	-
1	Rice	-	-	-	-	-	-	-	-	-
2	Maze	-	72	-	10	-	720	-	-	-
3	Arhar	-	79	-	8	-	632	-	-	-
4	Urd/Mung	-	-	-	-	-	-	-	-	-
5	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
6	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
B	**Rabi**	-	-	-	-	-	-	-	-	-
1	Wheat	-	188	-	16	-	3008	-	-	-
2	Barley	-	-	-	-	-	-	-	-	-
3	Masoor	-	-	-	-	-	-	-	-	-
4	Gram	-	189	-	11	-	2079	-	-	-
5	Pea	-	63	-	10	-	630	-	-	-
6	Mustard	-	22	-	7	-	154	-	-	-
7	Potato	-	-	-	-	-	-	-	-	-
8	vegetables (Cropwise)	-	2	-	20	-	40	-	-	-
9	Fodder	-	3	-	50	-	150	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
C	**Zaid**	-	-	-	-	-	-	-	-	-
1	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
2	Fodder	-	-	-	-	-	-	-	-	-
3	Urd/Mung	-	-	-	-	-	-	-	-	-
4	Sugarcane	-	-	-	-	-	-	-	-	-

..	Other, specify	-	-	-	-	-	-	-	-	-

Major Crops, their Productivity and Production

Name of MWS-Bagaul **IWMP-VI** **District-Mahoba**

Area in ha

S.No	Crop.	Area in (Ha.)		Productivity Qtl,/Ha		Production (Qtl.)				Remarks
						Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	**Kharif**	-	-	-	-	-	-	-	-	-
1	Rice	-	-	-	-	-	-	-	-	-
2	Maze	-	88	-	10	-	880	-	-	-
3	Arhar	-	76	-	8	-	608	-	-	-
4	Urd/Mung	-	-	-	-	-	-	-	-	-
5	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
6	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
B	**Rabi**	-	-	-	-	-	-	-	-	-

1	Wheat	-	281	-	26	-	7306	-	-	-
2	Barley	-	-	-	-	-	-	-	-	-
3	Masoor	-	-	-	-	-	-	-	-	-
4	Gram	-	171	-	11	-	1881	-	-	-
5	Pea	-	63	-	10	-	630	-	-	-
6	Mustard	-	22	-	7	-	154	-	-	-
7	Potato	-	-	-	-	-	-	-	-	-
8	vegetables (Cropwise)	-	2	-	20	-	40	-	-	-
9	Fodder	-	2.5	-	50	-	125	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
C	**Zaid**	-	-	-	-	-	-	-	-	-
1	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
2	Fodder	-	-	-	-	-	-	-	-	-
3	Urd/Mung	-	-	-	-	-	-	-	-	-
4	Sugarcane	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-

Major Crops, their Productivity and Production

Name of MWS-Sugira/Rampura Qadim IWMP-VI District-Mahoba

Area in ha

S.No	Crop.	Area in (Ha.)		Productivity Qtl,/Ha		Production (Qtl.)				Remarks
						Grain/Main product		Fodder/Fuel/ other Product.		
		Irrigated	Rainfed	Irrigated	Rainfed.	Irrigated	Rainfed	Irrigated	Rainfed	
A	**Kharif**	-	-	-	-	-	-	-	-	-
1	Rice	-	-	-	-	-	-	-	-	-
2	Maze	-	98	-	10	-	980	-	-	-
3	Arhar	-	97	-	8	-	776	-	-	-
4	Urd/Mung	-	-	-	-	-	-	-	-	-
5	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
6	Fodder	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-
B	**Rabi**	-	-	-	-	-	-	-	-	-
1	Wheat	-	478.28	-	16	-	7652.39	-	-	-
2	Barley	-	-	-	-	-	-	-	-	-
3	Masoor	-	-	-	-	-	-	-	-	-
4	Gram	-	197	-	11	-	2167	-	-	-
5	Pea	-	89	-	10	-	890	-	-	-
6	Mustard	-	44	-	7	-	308	-	-	-
7	Potato	-	-	-	-	-	-	-	-	-
8	vegetables (Cropwise)	-	2	-	20	-	40	-	-	-
9	Fodder	-	2.5	-	50	-	125	-	-	-

..	Other, specify	-	-	-	-	-	-	-	-	-
C	**Zaid**	-	-	-	-	-	-	-	-	-
1	vegetables (Cropwise)	-	-	-	-	-	-	-	-	-
2	Fodder	-	-	-	-	-	-	-	-	-
3	Urd/Mung	-	-	-	-	-	-	-	-	-
4	Sugarcane	-	-	-	-	-	-	-	-	-
..	Other, specify	-	-	-	-	-	-	-	-	-

0

Horticulture Status

Project- IWMP VI **District - Mahoba**

S. N.	Name of micro watershed with code	Name of village	Name of Important horticultural crop						
			Whole Fruit Crop				Scattered Fruit Crop		
			Name	Area ha.	Productivity qtl/ha	Production qtls	No.	Productivity qtl/No.	Production qtls
1	2	3	4	5	6		7	8	
1	Mahua Itaura2C2A3x 1d	Mahua Itaura	Mango	0.15	400	100	-	-	-
			Guava	0.12	450	80	-	-	-
			Awla	0.08	150	09	-	-	-
			Leamon	0.10	100	10	-	-	-
			ber	0.40	300	120	-	-	-
2	Gagaura2C2B 3j2f	Gagaura	Mango	0.69	400	250	-	-	-
		-	Guava	0.24	300	75	-	-	-
		-	Awla	0.10	400	45	-	-	-
		-	Leamon	0.20	250	40	-	-	-
		-	ber	1.50	300	450	-	-	-
3	Vijaypur2C2 A3x1a	Vijaypur	Mango	.54	400	162	-	-	-
			Guava	.36	300	125	-	-	-
			Awla	0.96	400	375	-	-	-
			Leamon	0.28	250	56	-	-	-
			ber	1.53	300	300	-	-	-
4	Panara2C2A3	Panara	Mango	0.12	300	24	-	-	-

	q2e								
			Guava	0.12	250	35	-	-	-
			Awla	0.076	400	24	-	-	-
			Leamon	0.09	250	20	-	-	-
			Ber	0.81	250	192	-	-	-
5	Richha2C2A3 q2c	Riccha	Mango	0.15	400	45	-	-	-
			Guava	0.09	300	36	-	-	-
			Awla	0.076	350	24	-	-	-
			Leamon	0.11	250	36	-	-	-
			Ber	2.56	250	600	-	-	-
6	Bagol2C2A3 w2c	Bagaul	Mango	0.20	400	50	-	-	-
			Guava	2.16	300	600	-	-	-
			Awla	0.08	350	28	-	-	-
			Leamon	0.07	250	15	-	-	-
			Ber	0.89	250	280	-	-	-
7	Rampura Quadim (Sugira)2C2A 3v2a	Sugira	Mango	1.24	400	496	-	-	-
			Guava	0.75	350	260	-	-	-
			Awla	0.25	300	100	-	-	-
			Leamon	0.72	250	200	-	-	-
			Ber	2.56	300	600	-	-	-

Forest, Vegetative Cover/Grass Land

Project- IWMP VI **District - Mahoba**

S. No.	Name & Code of Micro watershed	Name of Village	Forest (Area ha)			Grass Land (Area ha)		Other vegetative cover (Area ha)	
			Reserve	Gram Samaj (Natural/Planted)	Total	Gram Samaj	Private	Gram Samaj	Private
1	2	3	4	5	6	7		8	9
1	Mahua Itaura2C2A3x1d	Mahua Itaura	-	54.20	54.20	-	-	-	7.00
2	Gagaura2C2B3j2f	Gagaura	-	27.24	27.24	-	-	-	6.5
3	Vijaypur2C2A3x1a	Vijaypur	-	28.28	28.28	-	-	-	5.5
4	Panara2C2A3q2e	Panara	-	27.30	27.30	-	-	-	8.5
5	Richha2C2A3q2c	Riccha	-	26.47	26.47	-	-	-	8.7
6	Bagol2C2A3w2c	Bagaul	-	30.26	30.26	-	-	-	9.3
7	Rampura Quadim (Sugira)2C2A3v2a	Sugira	-	24.16	24.16	-	-	-	12.33
	Total of project		-	217.91	217.91	-	-	-	57.83

Livestock Population

Project- IWMP VI **District - Mahoba**

All Figure in No.

S. N.	Name of Micro watershed with code.	Name of Village	Cow		Buffalow		Ox/ Bull	Goat	Sheep	Piggeries	Poultry			Other specify
			Desi	Crossed	Desi	Murrah					Broiler	Layers	Total	
1	2	3			5	6	7	7	8	9	10	11	12	13
1	Mahua Itaura2C2 A3x1d	Mahua Itaura	100	-	300	-	50	250	30	30	10	70	80	-
2	Gagaura2C 2B3j2f	Gagaura	140	-	130	-	100	500	-	15	10	40	50	-
3	Vijaypur2 C2A3x1a	Vijaypur	180	-	350	-	200	1200	200	25	25	45	70	-
4	Panara2C2 A3q2e	Panara	30	-	45	-	40	250	100	10	5	25	30	-
5	Richha2C2 A3q2c	Riccha	120	-	100	-	60	1000	500	12	20	80	100	-
6	Bagol2C2 A3w2c	Bagaul	400	-	250	-	160	1300	-	13	30	120	150	-
7	Rampura Quadim (Sugira)2C 2A3v2a	Sugira	700	-	1000	-	200	2200	250	38	200	600	800	-
	Total of project		1670		2175		810	6700	1080	143	300	980	1280	-

Details of Livestock Productivity

Project- IWMP VI **District- Mahoba**

SN	Name of Micro watershed with code	Name of Village	Milk Production (Liter Per day)				Goatry	Poultry		Piggeries weight Kg/Pig
			Cows		Buffalos		Weight in Kg/goat	Broiler Weight in Kg/ Brl	Layers No. of eggs/day	
			Desi	Crossed	Desi	Murrah				
1	2	3	4	5	6	7		9	10	11
1	Mahua Itaura2C2A3x1d	Mahua Itaura	70	-	450	-	20 kg	1.5 kg	70 eggs	45 kg
2	Gagaura2C2B3j2f	Gagaura	85	-	200	-	20kg	1.5kg	70 eggs	45 kg
3	Vijaypur2C2A3x1a	Vijaypur	110	-	275	-	18kg	1.5kg	70 eggs	42 kg
4	Panara2C2A3q2e	Panara	20	-	40	-	20kg	1.5kg	70 eggs	41 kg
5	Richha2C2A3q2c	Riccha	80	-	80	-	20 kg	1.5Kg	70 eggs	45 kg
6	Bagol2C2A3w2c	Bagaul	250	-	150	-	20 kg	1.5Kg	70 eggs	45 kg
7	Rampura Quadim (Sugira)2C2A3v2a	Sugira	280	-	800	-	20 kg	1.5Kg	70 eggs	45 kg
	Total of Project		895	-	1995	-				

Livelihood Status of Landless People

Project- IWMP VI **District - Mahoba**

S. N.	Name & Code of micro watershed	Name of Village	Name of Livelihood Activity	No. of house hold engaged					Pre project Average Income Per year	Desired Activities	Expected Income from desired activities	Remarks
				Sc	St	Other	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Mahua Itaura2C2A3x1d	Mahua Itaura	Labour/ Batai	8	-	16	4	28	36000.00	Goatary Poultry	54000.00	With investment work i.e extra income in SHG
2	Gagaura2C2B3j2f	Gagaura	Labour/ Batai	12	-	18	7	37	37500.00	Goatary Poultry	56250.00	With investment work i.e extra income in SHG
3	Vijaypur2C2A3x1a	Vijaypur	Labour/ Batai	11	-	14	5	30	38000.00	Goatary Poultry	57000.00	With investment work i.e extra income in SHG
4	Panara2C2A3q2e	Panara	Labour/ Batai	16	-	20	8	44	36500.00	Goatary Poultry	54750.00	With investment work i.e extra income in SHG
5	Richha2C2A3q2c	Riccha	Labour/ Batai	9	-	16	4	29	34500.00	Goatary Poultry	51750.00	With investment work i.e extra income in SHG
6	Bagol2C2A3w2c	Bagaul	Labour/ Batai	14	-	10	8	32	37500.00	Goatary Poultry	56250.00	With investment work i.e extra income in SHG
7	Rampura Quadim (Sugira)2C2A3v2a	Sugira	Labour/ Batai	16	-	24	14	54	39500.00	Goatary Poultry	59250.00	With investment work i.e extra income in SHG
	Total of project			86		118	50	254	259500.00	Average	389250.00	

Details of Livelihood Status Other Farmers

Project- IWMP VI **District - Mahoba**

S. No.	Name & Code of micro watershed	Name of Village	Name of Livelihood	No. of Persons engaged					Pre project Average	Desired Activities	Expected Income from	Remarks
				Sc	St	Other	Women	Total				
1	2	3	4	5	6	7	8	9	10	11	12	13
1	Mahua Itaura2C2A3x1d	Mahua Itaura	Goatry	40	-	55	6	101	15000-16000	35	50000-60000	-
			Piggires	3	-	-	5	8	13000-15000	-	-	-
			Poultry	1	-	2	1	4	16000-17000	02	45000-55000	-
			Fishires	-	-	2	1	3	40000-45000	02	80000-90000	-
2	Gagaura2C2B3j2f	Gagaura	Goatry	35	-	42	7	84	15000-16000	15	50000-60000	-
			Piggires	2	-	-	3	5	12000-13000	-	-	-
			Poultry	3	-	1	1	5	13000-15000	01	40000-45000	-
			Fishires	-	-	-	-		-	01	75000-80000	-
3	Vijaypur2C2A3x1a	Vijaypur	Goatry	32	-	48	8	88	13000-15000	20	50000-60000	-
			Piggires	3	-	-	2	5	13000-15000	-	-	-
			Poultry	3	-	2	1	6	15000-17000	02	40000-50000	-
			Fishires	1	-	-	5	6	40000-45000	01	75000-80000	-
4	Panara2C2A3q2e	Panara	Goatry	20	-	44	2	66	13000-15000	5	40000-50000	-
			Piggires	1	-	-	1	2	13000-15000	-	-	-
			Poultry	2	-	2	1	5	12000-14000	02	35000-45000	-
			Fishires	-	-	-	-		-	-	-	-
5	Richha2C2A3q2c	Riccha	Goatry	30	-	55	9	94	14000-16000	15	50000-60000	-
			Piggires	1	-	-	1	2	12000-14000	-	-	-
			Poultry	3	-	1	1	5	13000-15000	03	40000-50000	-
			Fishires	-	-	-	-		-	1	80000-90000	-
6	Bagol2C2A3w2c	Bagaul	Goatry	33	-	30	8	71	14000-16000	20	45000-55000	-
			Piggires	2	-	-	-	2	12000-14000	-	-	-
			Poultry	10	-	5	2	17	15000-17000	08	40000-50000	-
			Fishires	-	-	-	-		-	1	80000-90000	-
7	Rampura Quadim (Sugira)2C2A3v2a	Sugira	Goatry	70	-	40	7	117	15000-17000	20	45000-55000	-
			Piggires	5	-	-	-	5	13000-15000	-	-	-
			Poultry	25	-	5	2	32	14000-16000	08	40000-50000	-
			Fishires	-	-	2	3	2	40000-45000	1	80000-90000	-

Present Livelihood Status (No. of households/Income per year)

Project- IWMP VI **District – Mahoba**

Income in Rs

S. No	Name of MWS with code	Name of village	Activities																			
			Dairy		Poultry		Goatry		Piggeries		Fisheries		Black Smithy		Carpentry		Stitching/ knitting		Wages		Others (Specify)	
			No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income	No	Av. income
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23
1	Mahua Itaura2C2A3x1d	Mahua Itaura	-	-	3	15000	100	12000	3	12000	2	40000	4	12000	10	12000	1	21000	150	12000	10	24000
2	Gagaura2C2B3j2f	Gagaura	-	-	4	12000	100	15000	2	12000	-	-	4	12000	5	12000	1	21000	150	12000	10	24000
3	Vijaypur2C2A3x1a	Vijaypur	-	-	5	15000	100	13000	3	12000	-	-	3	14000	7	13000	2	20000	200	12000	15	22000
4	Panara2C2A3q2e	Panara	-	-	4	12000	80	13000	1	13000	-	-	1	12000	1	12000	-	-	50	12000	2	20000
5	Richha2C2A3q2c	Riccha	-	-	4	13000	100	14000	1	12000	-	-	2	13000	1	12000	1	20000	130	14000	8	25000
6	Bagol2C2A3w2c	Bagaul	-	-	15	15000	100	14000	2	12000	-	-	3	14000	3	12000	2	24000	130	14000	7	22000
7	Rampura Quadim (Sugira)2C2A3v2a	Sugira	-	-	30	14000	200	15000	5	13000	2	40000	8	13000	10	14000	10	26000	450	13000	13	23000

Irrigation Status

Project- IWMP VI - **District - Mahoba**

S. No.	Name & Micro Watershed with code	Name of Village	Gross Cultivated Area				Net Cultivated Area	Gross Irrigated Area				Net Irrigated Area	Rainfed Area
			Kharif	Rabi	Zaid	Total		Kharif	Rabi	Zaid	Total		
1	2	3	4	5	6	7	8	9	10	11	12	13	14
1	Mahua Itaura2C2A3 x1d	Mahua Itaura	47.21	118.025	-	165.235	-	-	-	-	-	-	472.10
2	Gagaura2C2 B3j2f	Gagaura	77.83	194.575	-	272.405	-	-	-	-	-	29	778.30
3	Vijaypur2C2 A3x1a	Vijaypur	89.025	222.5625	-	311.5875	-	-	-	-	-	14	890.25
4	Panara2C2A 3q2e	Panara	68.055	170.1375	-	238.1925	-	-	-	-	-	26	680.55
5	Richha2C2A 3q2c	Riccha	58.937	147.3425	-	206.2795	-	-	-	-	-	29	589.37
6	Bagol2C2A3 w2c	Bagaul	67.865	169.6625	-	237.5275	-	-	-	-	-	27	678.65
7	Rampura Quadim (Sugira)2C2 A3v2a	Sugira	98.978	247.445	-	346.423	-	-	-	-	-	18	989.78
	Total for Project		507.9	1269.75		1777.65	-	-	-	-	-	171	5079.00

Source wise Area Irrigated

Project- IWMP VI

District -Mahoba

Area in ha.

S. No.	Name &Micro watershed with code	Name of Village	Canal Area	State Tube wells		Tanks		Open well		Bore wells	Lift irrigation		Others (Specify)			Total Irrigated Area	Remarks
				No.	Area	No.	Area	No.	Area	No.	Area	No.	Area	No.	Area		
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
1	Mahua Itaura2C2A3x1d	Mahua Itaura	-	-	-	-	-	15	28	-	-	-	-	-	-	28	-
2	Gagaura2C2B3j2f	Gagaura	-	-	-	-	-	14	29	-	-	-	-	-	-	29	-
3	Vijaypur2C2A3x1a	Vijaypur	-	-	-	-	-	12	14	-	-	-	-	-	-	14	-
4	Panara2C2A3q2e	Panara	-	-	-	-	-	16	26	-	-	-	-	-	-	26	-
5	Richha2C2A3q2c	Riccha	-	-	-	-	-	17	29	-	-	-	-	-	-	29	-
6	Bagol2C2A3w2c	Bagaul	-	-	-	-	-	15	27	-	-	-	-	-	-	27	-
7	Rampura Quadim (Sugira)2C2A3v2a	Sugira	-	-	-	-	-	13	18	-	-	-	-	-	-	18	-
	Total of project		-	-	-	-	-	102	171	-	-	-	-	-	-	171	-

Ground Water Status

Project- IWMP VI **District - Mahoba**

S. No.	Name & Code of Micro watershed	Name of Village	Depth of Ground Water Table (Below Ground level) in Meter		No. of Observation well	Remarks
			Before Monsoon	After Monsoon		
1	2	3	4	5	6	7
1	Mahua Itaura2C2A3x1d	Mahua Itaura	14.80	11.50	08	-
2	Gagaura2C2B3j2f	Gagaura	14.50	11.70	09	-
3	Vijaypur2C2A3x1a	Vijaypur	14.75	11.25	06	-
4	Panara2C2A3q2e	Panara	14.35	11.30	07	-
5	Richha2C2A3q2c	Riccha	14.50	11.45	05	-
6	Bagol2C2A3w2c	Bagaul	14.65	11.40	08	-
7	Rampura Quadim (Sugira)2C2A3v2a	Sugira	14.70	11.65	10	-

Details of infrastructure in the project areas*

Project- IWMP VI **District - Mahoba**

SN	Name of Micro Watershed		Parameters		Status			
1	2	3	4		5			
1	Mahua Itaura		(i)	Name of villages connected to the main road by an all-weather road	J.M. Road Jhansi			
			(ii)	Village's Name provided with electricity	48			
			(iii)	No. of households without access to drinking water	90%			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 1	(S) 1	(HS) -	(VI) -
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit	-			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U) -	(S) -	(PA) -	(O) -
			(xiii)	Name of villages with access to Anganwadi Centre	Yes			
			(xiv)	Any other facilities with names of villages (please specify)	-			

SN	Name of Micro Watershed		Parameters	Status
1	2	3	4	5

2	Gagaura		(i)	Name of villages connected to the main road by an all-weather road	4 Km. kulpahar – panwari road			
			(ii)	Village's Name provided with electricity	30			
			(iii)	No. of households without access to drinking water	90%			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 1	(S) -	(HS) -	(VI) -
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit	-			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(O)
			(xiii)	Name of villages with access to Anganwadi Centre	Yes			
			(xiv)	Any other facilities with names of villages (please specify)	-			

SN	**Name of Micro Watershed**		**Parameters**		**Status**			
1	**2**	**3**	**4**		**5**			
3	Vijaypur		(i)	Name of villages connected to the main road by an all-weather road	10 Km. kulpahar – panwari road			
			(ii)	Village's Name provided with electricity	55			
			(iii)	No. of households without access to drinking water	90%			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 1	(S) 1	(HS) -	(VI) -

			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	Yes			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit	-			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(O)
			(xiii)	Name of villages with access to Anganwadi Centre	Yes			
			(xiv)	Any other facilities with names of villages (please specify)	-			

SN	**Name of Micro Watershed**		**Parameters**		**Status**			
1	**2**	**3**	**4**		**5**			
4	Panara		(i)	Name of villages connected to the main road by an all-weather road	8 Km. kulpahar – panwari road			
			(ii)	Village's Name provided with electricity	-			
			(iii)	No. of households without access to drinking water	90%			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 1	(S) -	(HS) -	(VI) -
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit	-			

			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(O)
			(xiii)	Name of villages with access to Anganwadi Centre	Yes			
			(xiv)	Any other facilities with names of villages (please specify)	-			

SN	Name of Micro Watershed		Parameters		Status			
1	2	3	4		5			
5	Riccha		(i)	Name of villages connected to the main road by an all-weather road	3 Km. kulpahar – panwari road			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	90%			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 1	(S) 1	(HS) -	(VI) -
			(v)	Names of villages with access to Primary Health Centre	-			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit	-			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(O)
			(xiii)	Name of villages with access to Anganwadi Centre	Yes			
			(xiv)	Any other facilities with names of villages (please specify)	-			

SN	Name of Micro Watershed		Parameters		Status			
1	2	3	4		5			
6	Bagaul		(i)	Name of villages connected to the main road by an all-weather road	7 Km. kulpahar – panwari road			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	90%			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 1	(S) 1	(HS) 1	(VI) -
			(v)	Names of villages with access to Primary Health Centre	Yes			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	-			
			(viii)	Names of villages with access to Banks	-			
			(ix)	Names of villages with access to Markets/ mandis	-			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit	-			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(O)
			(xiii)	Name of villages with access to Anganwadi Centre	Yes			
			(xiv)	Any other facilities with names of villages (please specify)	-			

SN	Name of Micro Watershed		Parameters		Status			
1	2	3	4		5			
7	Sugira		(i)	Name of villages connected to the main road by an all-weather road	On kulpahar – panwari road			
			(ii)	Village's Name provided with electricity	Yes			
			(iii)	No. of households without access to drinking water	90%			
			(iv)	No. of educational institutions : Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	(P) 3	(S) 2	(HS) 1	(VI) -
			(v)	Names of villages with access to Primary Health Centre	Yes			
			(vi)	Names of villages with access to Veterinary Dispensary	-			
			(vii)	Names of villages with access to Post Office	Yes			
			(viii)	Names of villages with access to Banks	Yes			
			(ix)	Names of villages with access to Markets/ mandis	Yes			
			(x)	Names of villages with access to Agro-industries	-			
			(xi)	Total quantity of surplus milk deficit	-			
			(xii)	No. of milk collection centres (e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	(U)	(S)	(PA)	(O)
			(xiii)	Name of villages with access to Anganwadi Centre	Yes			
			(xiv)	Any other facilities with names of villages (please specify)	-			

DETAILS OF COMMON PROPERTY RESOURCES IN THE PROJECT AREA

Project- IWMP VI **District-Mahoba**

1	2	3	4	5				6			
S. No.	Names of MWS with code		CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
				Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
1	Mahua Itaura		(i) Wasteland/ degraded land	750.55	0.80	-	-	706.55	-	-	-
			(ii) Pastures	-	-	-	-	-	-	-	-
			(iii) Orchards	-	-	-	-	-	-	-	-
			(iv) Village Woodlot	-	-	-	-	-	-	-	-
			(v) Forest	-	-	-	-	-	-	-	-
			(vi) Village Ponds/ Tanks	-	2.10	-	-	-	-	-	-
			(vii) Community Buildings	-	0.07	-	-	-	-	-	-
			(viii) Weekly Markets	-	-	-	-	-	-	-	-
			(ix) Permanent markets	-	-	-	-	-	-	-	-
			(x) Temples/ Places of worship	-	0.10	-	-	-	-	-	-
			(xi) Others (Pl. specify)	-	-	-	-	-	-	-	-

1	2	3	4	5	6
S.	Names of		CPR	Total Area (ha) Area owned/ In possession of	Area available for treatment (ha)

No.	MWS with code		Particulars	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
2	Gagaura		(i) Wasteland/ degraded land	590.10	-	-	-	500.10	-	-	-
			(ii) Pastures	-	-	-	-	-	-	-	-
			(iii) Orchards	-	-	-	-	-	-	-	-
			(iv) Village Woodlot	-	-	-	-	-	-	-	-
			(v) Forest	-	-	-	-	-	-	-	-
			(vi) Village Ponds/ Tanks	-	0.80	-	-	-	-	-	-
			(vii) Community Buildings	-	0.03	-	-	-	-	-	-
			(viii) Weekly Markets	-	-	-	-	-	-	-	-
			(ix) Permanent markets	-	-	-	-	-	-	-	-
			(x) Temples/ Places of worship	-	.07	-	-	-	-	-	-
			(xi) Others (Pl. specify)	-	.85	-	-	-	-	-	-

1	2	3	4	5				6			
S. No.	Names of MWS with code		CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
				Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
3	vijaypur		(i) Wasteland/ degraded land	860.30	-	-	-	807.30	-	-	-
			(ii) Pastures	-	-	-	-	-	-	-	-
			(iii) Orchards	-	-	-	-	-	-	-	-
			(iv) Village Woodlot	-	-	-	-	-	-	-	-

			(v) Forest	-	-	-	-	-	-	-	-
			(vi) Village Ponds/ Tanks	-	1.00	-	-	-	-	-	-
			(vii) Community Buildings	-	0.15	-	-	-	-	-	-
			(viii) Weekly Markets	-	-	-	-	-	-	-	-
			(ix) Permanent markets	-	-	-	-	-	-	-	-
			(x) Temples/ Places of worship	-	.20	-	-	-	-	-	-
			(xi) Others (Pl. specify)	-	.89	-	-	-	-	-	-

1	2	3	4	5				6			
S. No.	Names of MWS with code		CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
				Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
4	Panara		(i) Wasteland/ degraded land	984.25	-	-	-	904.25	-	-	-
			(ii) Pastures	-	-	-	-	-	-	-	-
			(iii) Orchards	-	-	-	-	-	-	-	-
			(iv) Village Woodlot	-	-	-	-	-	-	-	-
			(v) Forest	-	-	-	-	-	-	-	-
			(vi) Village Ponds/ Tanks	-	0.50	-	-	-	-	-	-
			(vii) Community Buildings	-	0.15	-	-	-	-	-	-
			(viii) Weekly Markets	-	-	-	-	-	-	-	-
			(ix) Permanent markets	-	-	-	-	-	-	-	-
			(x) Temples/ Places of worship	-	.02	-	-	-	-	-	-
			(xi) Others (Pl. specify)	-	.86	-	-	-	-	-	-

1	2	3	4	5				6			
S. No.	Names of MWS with code		CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
				Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
5	Riccha		(i) Wasteland/ degraded land	658.37	-	-	-	618.37	-	-	-
			(ii) Pastures	-	-	-	-	-	-	-	-
			(iii) Orchards	-	-	-	-	-	-	-	-
			(iv) Village Woodlot	-	-	-	-	-	-	-	-
			(v) Forest	-	1.00	-	-	-	-	-	-
			(vi) Village Ponds/ Tanks	-	0.90	-	-	-	-	-	-
			(vii) Community Buildings	-	0.08	-	-	-	-	-	-
			(viii) Weekly Markets	-	-	-	-	-	-	-	-
			(ix) Permanent markets	-	-	-	-	-	-	-	-
			(x) Temples/ Places of worship	-	.80	-	-	-	-	-	-
			(xi) Others (Pl. specify)	-	-	-	0 .83	-	-	-	-

1	2	3	4	5				6			
S. No.	Names of MWS with code		CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
				Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
6	Bagaul		(i)Wasteland/ degraded land	775.65	-	-	-	705.65	-	-	-

			(i) Pastures	-	-	-	-	-	-	-	-
			(ii) Orchards	-	-	-	-	-	-	-	-
			(iii) Village Woodlot	-	-	-	-	-	-	-	-
			(iv) Forest	-	1.5	-	-	-	-	-	-
			(v) Village Ponds/ Tanks	-	1.26	-	-	-	-	-	-
			(vi) Community Buildings	-	0.48	-	-	-	-	-	-
			(vii) Weekly Markets	-	-	-	-	-	-	-	-
			(viii) Permanent markets	-	-	-	-	-	-	-	-
			(ix) Temples/ Places of worship	-	.38	-	-	-	-	-	-
			(x) Others (Pl. specify)	-	-	-	0 .95	-	-	-	-

1	2	3	4	5				6			
S. No.	Names of MWS with code		CPR Particulars	Total Area (ha) Area owned/ In possession of				Area available for treatment (ha)			
				Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)	Pvt. persons	Govt. (specify deptt.)	PRI	Any other (Pl. Specify)
7	Sugira		(i) Wasteland/ degraded land	1107.78	-	-	-	1007.78	-	-	-
			(ii) Pastures	-	-	-	-	-	-	-	-
			(iii) Orchards	-	-	-	-	-	-	-	-
			(iv) Village Woodlot	-	-	-	-	-	-	-	-
			(v) Forest	-	0.5	-	-	-	-	-	-
			(vi) Village Ponds/ Tanks	-	2.00	-	-	-	-	-	-

			(vii) Community Buildings	-	2.90	-	-	-	-	-	-
			(viii) Weekly Markets	-	-	-	-	-	-	-	-
			(ix) Permanent markets	-	-	-	-	-	-	-	-
			(x) Temples/ Places of worship	-	0.90	-	-	-	-	-	-
			(xi) Others (Pl. specify)	-	-	-	0 .76	-	-	-	-

Details of Project Implementing Agency (PIA)

Project- IWMP VI **District -Mahoba**

S. No.	Particulars of PIA	
1	2	3
(i)	Date of selection of PIA	12/06/2010
(ii)	Type of organization	Government
(iii)	Name of organization	Land Development and water recourse
(iv)	Designation & Address	Bhoomi sanrakchan adhikari bhoomi vikas and jal sansadhan vibhag mahoba-3
(v)	Telephone/Mob.	09670205310
(vi)	Fax	-
(vii)	E-mail	bsa.mahoba3@gmail.com

Details of Staff at PIA

S. NO.	Designation	Name	M/F	Qualification	Field of Experience & Period	Remarks
1	2	3		4	5	6

1	BSA	Sri M.A.Khan	M	Intermediate (Science) ,3 years Diploma in Ag. Engg.	30 years	-
2	Jr. Engn	Sri O.P. Rai	M	Intermediate, Diploma Civil. Engg	30 years	-
3	Jr. Engn	Sri B.L. Patel	M	High school, Diploma Civil. Engg	30 years	-
4	Accountant	Sri Sujat Husain	M	B.Com.	30 years	-
5	Draftt Man	Sri Dhaniram Verma	M	High School, Civil Draftman Diploma	30 years	-
6	Jr. clerk	Sri Rajkumar MIshra	M	B.A.	30 years	-
7	A.S.C.I.	Sri A.K. Satyarthy	M	M.Sc. (Ag).S.C.W.M.NET	9 years	-
8	Sinchpal	Sri Umashanker Verma	M	High School	30 years	-
9	Sinchpal	Sri Dinesh Kumar Shukla	M	Intermediate	30 years	-
10	Sinchpal	Sri R.K. Singh	M	B.A. L.L.B.	30 years	-
11	Sinch Parvechhak	Sri Gokul Prashad Tiwari	M	High School	30 years	-
12	Munsi	Sri Deep Kumar	M	B.A.	30 years	-
13	Munsi	Sri Mahendra Kumar	M	B.A.	30 years	-
14	Fourth class	Sri Rameshwar	M	-	30 years	-

15	Fourth class	Sri Ram Khilawan	M	-	30 years	-
16	Fourth class	Sri Sailendra Kumar	M	-	3 years	-
17	Fourth class	Sri Sumit Sah	M	-	6 years	-
18	Trasser	Sri Jagwal Pandey	M	-	30 years	-

Note:- Details of all the persons working in BSA Unit is to be incorporated

Details of Watershed Development Team (WDT) in the project area

Project- IWMP-VI **District -Mahoba**

1	2	3	4	5	6	7	8
S. N.	Name of WDT member	M/F	Age	Qualification / Experience	Description of professional training	Role/ Function##	Date of appointment of WDT member
1	Sri M.A.Khan	M	53	Intermediate (Science) ,3 years Diploma in Ag. Engg.	Departmental Training	Chair Person of PIA	12 June 2010
2	Sri B.L. Patel	F	57	High school, Diploma Civil. Engg	"	Technical Expert (Departmental)	"
3	Sri Sujat Husain	M	54	B.Com.	"	Accounts Expert Of PIA	"
4	Sri Dhaniram Verma	M	55	High School, Civil Draftman Diploma	"	Expert Of Maping and Drawing	"
5	Sri A.K. Satyarthy	F	40	M.Sc. (Ag).S.C.W.M.NET	"	A.G. Expert (Departmental)	"

6	Sri Umashanker Verma	M	58	High School	"	Base Line Survey and Planing and implementation	"
7	Sri Dinesh Kumar Shukla	M	59	Intermediate	"	Base Line Survey and Planing and implementation	"
8	Sri R.K. Singh	F	55	B.A. L.L.B.	"	Base Line Survey and Planing and implementation	"
9	Sri Gokul Prashad Tiwari	M	56	High School	"	Base Line Survey and Planing and implementation	"
10	Sri Deep Kumar	M	55	B.A.	"	Base Line Survey and Planing and implementation	"
11	Sri Mahendra Kumar	F	54	B.A.	"	Base Line Survey and Planing and implementation	"
12	Kaushal kishor	M	31	B-TECH (Agri culture	SIRD BKT LKO	Technical Expert in water	29-07-11

				Engineering) &MBA		management and W.D.T. Member	
13	Jaynarayan	M	27	MSc (Ag.)	SIRD BKT LKO	Technical A.G. Expert and W.D.T. Member	26-07-11
14	Yasmeen khan malik	F	31	M.A. (Sociology)	-	Social Expert and W.D.T. Member	30-07-11
15	Mohd. Amir Khan	M	21	M.Com. till date and 6 month Diploma in computer application	MIS Training in LKO	Computer Expert and MIS Feeding Expert	01-01-11

Details of Watershed Committee (WC)
Name of Micro watershed- Vijaypur Name of Project:- IWMP VI District- Mahoba

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Sl. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Designation	M/F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
1	**Vijaypur**	325/27.6.11	President	M	-	-	SF	-	-	-	UG	-	GP	-	B.A.	Chair Person of MWC
			Secretary	M	-	-	SF	-	-	-	UG	-	-	-	Inter	Secretory of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Juniour High school	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Juniour High school	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Juniour High school	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Juniour High school	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Juniour High school	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Juniour High school	Member of MWC
			Member	M	SC	-	-	-	-	Land less	-	SHG	-	-	Illitrate	Member of MWC

			Member	M	SC	-	-	-	-	Land less	-	SHG	-	-	Illitrate	Member of MWC

Note: WC to be constituted for each GP included in the MWS

Details of Watershed Committee (WC)

Name of Micro watershed- Panara Name of Project:- IWMP VI District- Mahoba

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sl. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Designation	M/F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
	Panara	326/27.6.11	President	M	-	-	SF	-	-	-	UG	-	GP	-	B.A.	Chair Person of MWC
			Secretary	M	-	-	SF	-	-	-	UG	-	-	-	Inter	Secretory of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Primary education	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	High school	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Junior High school	Member of MWC

			Member	M	-	-	SF	-	-	-	UG	-	-	-	Primary education	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Junior High school	Member of MWC
			Member	M	SC	-	-	-	-	Land less	-	SHG	-	-	Illitrate	Member of MWC
			Member	M	SC	-	-	-	-	Land less	-	SHG	-	-	Illitrate	Member of MWC
			Member	M	SC	-	-	-	-	Land less	-	SHG	-	-	Illitrate	Member of MWC

Note: WC to be constituted for each GP included in the MWS

Details of Watershed Committee (WC)
Name of Micro watershed- Bagaul **Name of Project:- IWMP VI** **District- Mahoba**

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sl. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Designation	M/F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
3	**Bagaul**	324/27.6.11	President	M	S	-	-	-	-	Lan	-	SH	-	-	Prim	Chair

					C					d less		G			ary educ ation	Person of MWC
			Secretary	M	S C	-	-	-	-	Lan d less	-	SH G	-	-	M.A.	Secretory of MWC
			Member	M	S C	-	-	-	-	Lan d less	-	SH G	-	-	litera te	Member of MWC
			Member	M	S C	-	-	-	-	Lan d less	-	SH G	-	-	Illiter ate	Member of MWC
			Member	M	S C	-	-	-	-	Lan d less	-	SH G	-	-	Junio ur High scho ol	Member of MWC
			Member	M	S C	-	-	-	-	Lan d less	-	SH G	-	-	Junio ur High scho ol	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Junio ur High scho ol	Member of MWC
			Member													
			Member	M	S C	-	-	-	-	Lan d less	-	SH G	-	-	Illitra te	Member of MWC

Note: WC to be constituted for each GP included in the MWS

Details of Watershed Committee (WC)

Name of Micro watershed- Sugira/RampuraQadim Name of Project:- IWMP VIDistrict-Mahoba

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sl. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Designation	M/ F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
4	**Sugira/RampuraQadim**	329/27.6.11	President	F	-	-	SF	-	-	-	UG	-	-	-	Primary education	Chair Person of MWC
			Secretary	M	-	-	SF	-	-	-	UG	-	-	-	Junior High school	Secretory of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	literate	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	literate	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	literate	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	literate	Member of MWC

				M	-	-	SF	-	-	-	UG	-	-	-	literate	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	Illiterate	Member of MWC
				M	SC	-	-	-	-	Land less	-	SHG	-	-	Illiterate	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	literate	Member of MWC

Note: WC to be constituted for each GP included in the MWS

Details of Watershed Committee (WC)

Name of Micro watershed-Riccha **Name of Project:- IWMP VI**

District- Mahoba

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sl. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Designation	M/ F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
5	**Riccha**	333/27.6.11	President	F	-	-	SF	-	-	-	UG	-	-	-	High school	Chair Person of MWC
			Secretary	M	-	-	SF	-	-	-	UG	-	-	-	Inter	Secretory of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Junior	Member

															High scho ol	of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Junio ur High scho ol	Member of MWC
			Member	M	-	-	SF	-	-	-	UG	-	-	-	Junio ur High scho ol	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	Illiter ate	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	Junio ur High scho ol	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	Illiter ate	Member of MWC
				M	-	-	-	M F	-	-	-	SH G	-	-	Junio ur High scho	Member of MWC

															ol	
				M	SC	-	-	-	-	Land less	-	SHG	-	-	literate	Member of MWC

Note: WC to be constituted for each GP included in the MWS

Details of Watershed Committee (WC)

Name of Micro watershed-Mahua Itaura **Name of Project:- IWMP VI**

District- Mahoba

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
Sl. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Designation	M/ F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
6	**Mahua Itaura**	318/27.6.11	President	M	-	-	-	SF	-	-	-	UG	-	-	High school	Chair Person of MWC
			Secretary	M	-	-	-	MF	-	-	-	SHG	-	-	Inter	Secretory of MWC
			Member	M	SC	-	-	-	-	Land less	-	SHG	-	-	High school	Member of MWC
			Member	M	SC	-	-	-	-	Land less	-	SHG	-	-	Junior High school	Member of MWC
			Member	M	S	-	-	-	-	Lan	-	SH	-	-	Illiter	Member

					C					d less		G			ate	of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	Junio ur High scho ol	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	Inter	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	B.A.	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	High scho ol	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-	-	Prim ary	Member of MWC

Note: WC to be constituted for each GP included in the MWS

Details of Watershed Committee (WC)

Name of Micro watershed- Gagaura **Name of Project:- IWMP VI**

District- Mahoba

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17

Sl. No.	Name of Gram Sabha/ GP	Date of Constitution/ Registration as a Society (dd/mm/ yyyy)	Designation	M/ F	SC	ST	SF	MF	LF	Land-less	UG	SHG	GP	Any other	Educa-tional qualifi-cation	Function(s) assigned#
7	**Gagaura**	327/27.6.11	President	F	SC	-	-	-	-	Land less	-	SHG	-	-	Literate	
			Secretary	M	-	-	SF	-	-	-	UG	-	-	-	B.A.	
			Member		SC	-	-	-	-	Land less	-	SHG	-	-	Primary	Member of MWC
			Member		SC	-	-	-	-	Land less	-	SHG	-	-	Juniour High school	Member of MWC
			Member		SC	-	-	-	-	Land less	-	SHG	-	-	Illiterate	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-		Inter	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-		Juniour High school	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-		Juniour High school	Member of MWC
				M	-	-	SF	-	-	-	UG	-	-		Illiterate	Member

																of MWC
				M	-	-	SF	-	-	-	UG	-	-		Illiterate	Member of MWC

Note: WC to be constituted for each GP included in the MWS

Details of Self Help Groups (SHGs) in the project area

Project- IWMP VI **District - Mahoba**

1	2	3	4				5				6			7			8
S. N.	Name of MWS	Names of villages	Total no. of Constituted/registered SHGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of SHGs
			With only Men	With only Women	With both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
1	Mahua Itaura	Mahua Itaura	-	3	-	3	(i) Landless	-	33	33	-	1	1	-	1	1	10/08/11
							(ii) SF	-	-	-	-	-	-	-	-	-	
							(iii) MF	-	-	-	-	-	-	-	-	-	
							(iv) LF	-	-	-	-	-	-	-	-	-	
2	Sugira	Sugira	1	2	-	3	(i) Landless	10	20	30	1	2	3	1	2	-	27/10/11
							(ii) SF	-	-	-	-	-	-	-	-	-	-
							(iii) MF	-	-	-	-	-	-	-	-	-	-
							(iv) LF	-	-	-	-	-	-	-	-	-	-
3	Riccha	Riccha	-	-	1	1	(i) Landless	2	8	10	-	-	-	-	-	-	08/11/11
							(ii) SF	-	-	-	-	-	-	-	-	-	-
							(iii) MF	-	-	-	-	-	-	-	-	-	-
							(iv) LF	-	-	-	-	-	-	-	-	-	-
4	Vijaypur	Vijaypur	-	3	-	3	(i) Landless	-	30	30	-	2	2	-	3	3	18/11/11
							(ii) SF	-	-	-	-	-	-	-	-	-	-
							(iii) MF	-	-	-	-	-	-	-	-	-	-

							(iv) LF	-	-	-	-	-	-	-	-	-	-
5	Panara	Panara	-	3	-	3	(i) Landless	-	30	30	-	2	2	-	3	3	04/11/11
							(ii) SF	-	-	-	-	-	-	-	-	-	-
							(iii) MF	-	-	-	-	-	-	-	-	-	-
							(iv) LF	-	-	-	-	-	-	-	-	-	-
6	Bagaul	Bagaul	-	3	-	3	(i) Landless	-	30	30	-	1	-	-	2	2	
							(ii) SF	-	-	-	-	-	-	-	-	-	-
							(iii) MF	-	-	-	-	-	-	-	-	-	-
							(iv) LF	-	-	-	-	-	-	-	-	-	-
7	Gagaura	Gagaura	-	3	-	3	(i) Landless	-	30	30	-	2	-	-	1	1	
							(ii) SF	-	-	-	-	-	-	-	-	-	-
							(iii) MF	-	-	-	-	-	-	-	-	-	-
							(iv) LF	-	-	-	-	-	-	-	-	-	-
		Total															

(M – Male, F – Female)

Details of Formation of Self Help Groups

Project- IWMP VI **District-Mahoba**

S. N.	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving Rs.	Group activities
							Wo-men	Sc/ St	Other	Total				
1	2	3	4		5	6	7	8	9	10	11	12		13
1	महुआ इटौरा	महुआ इटौरा	मलाया	09/08/11	अहिल्यारानी	विमलेश	10	10	-	10	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	101386	500.00	सिलाई केन्द्र
			सुमित्रा	6/8/2011	शिवकुमारी	प्रभादेवी	10	10	-	10	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	101385	500.00	बकरी पालन
			गोदावरी	2/8/2011	राधारानी अहिरवार	अर्चनादेवी	10	-	10	10	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	101343	500.00	दलिया, बरी, पापड़
2	रमपुरा कदीम सुगिरा	रमपुरा कदीम सुगिरा	झलकारी बाई	23/12/11	बालादीन	रामसेवक	-	10	-	10	इलाहाबाद बैंक शाखा कुलपहाड़	50090663458	500.00	सिलाई केन्द्र
3	रिच्छा	रिच्छा	आशा	17/11/11	संतोषकुमार	उत्तरादेवी	-	9	1	10	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	10260100010131	500.00	बकरी पालन
4	पनारा	पनारा	आकाश गंगा	28/12/11	मानकुवंर	संतोषरानी	10	10	-	10	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	10260100010690	500.00	दलिया, बरी, पापड़
			यमुना	29/12/11	देवेन्द्र सिंह	जीतेन्द्र सिंह	-	-	10	10	इलाहाबाद यू0पी0	1026010	500.00	सिलाई केन्द्र

											ग्रामीक बैंक भरवारा	**0010672**		
5	विजयपुर	विजयपुर	आकाश गंगा	**08-01-12**	राजकुमारी	अवधरानी	-	-	**10**	**10**	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	-	500.00	बकरी पालन
			यमुना	**05-01-12**	जयसिंह	दयारानी	-	-	**10**	**10**	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	1026010 0010821	500.00	दलिया, बरी, पापड़
6	बागौला	बागौला	आकाश गंगा	**08-11-11**	माया	आशारानी	-	-	**10**	**10**	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	**101386**	500.00	सिलाई केन्द्र
			यमुना	**10-11-11**	आशारानी	क्रान्ति	-	**10**	-	**10**	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	**101385**	500.00	बकरी पालन
			काबेरी	**12-11-11**	राजादुलइया	तिजिया	-	**10**	-	**10**	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	**101343**	500.00	दलिया, बरी, पापड़
7	गगौरा	गगौरा	बेतवा	**15-11-11**	सावित्री	नीलम	-	-	**10**	**10**	इलाहाबाद बैंक शाखा कुलपहाड़	**5009066 3458**	500.00	सिलाई केन्द्र
			त्रिवेणी	**18-11-11**	आशारानी	रामदेवी	-	-	**10**	**10**	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	**1026010 0010013 1**	500.00	बकरी पालन

			गोमती	**20-11-11**	शोभारानी	गीता	**-**	**10**	**-**	**10**	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	**1026010 0010690**	500.00	दलिया, बरी, पापड़

Details of Convergence of IWMP with other Schemes*

Project IWMP - VI **District -Mahoba**

S. No.	Name of Micro Watershed	Names of Departments with Schemes converging with IWMP	Fund made available to IWMP due to convergence (Rs. in lakh) (Proposed)	Was this fund included in Rs.12,000/ 15,000 per ha. (Proposed)		Name of activity/task/structure undertaken with converged funds	Reference no. of activity/ task/ structure in DPR[@]	Level at which decision for convergence was taken[$]
				Yes	No	(a) Structures (b) livelihoods (c) Any other (pl. specify)[#]		
1	2	3 4	5	6	7	8	9	10
1	Mahua Itaura	Land Development and water recourse Mahoba-3	2190305.00	Yes	-	Structures & others	-	WC
2	Gagaura		1550310.00	"	-	"	-	"
3	Vijaypur		2502630.00	"	-	"	-	"
4	Panara		2803175.00	"	-	"	-	"
5	Riccha		6155502.00	"	-	"	-	"
6	Bagaul		2187515.00	"	-	"	-	"

7	Sugira		3124118.00	"	-	"	-	"
	Total for project		20513555.00					

List of identified training institutes for capacity building

Project IWMP - VI **District - Mahoba**

Sr. No.	Name of the Training Institute	Full Address with contact no, website & e-mail	Designation of the Head of Institute	Type of Institute	Area(s) of specialization	No. of training assigned	No. of persons to be trained	Allocation to be made to the institute
1	2	3	4	5	6	7	8	9
1	C.S.A. Kanpur, Krishi Vaniki Anusandhan Kendra Jhansi., K.V.K. Belatal	C.S.A. Kanpur, Krishi Vaniki Anusandhan Kendra Jhansi., K.V.K. Belatal	V.C. ,CSA Kanpur Director Krishi Vaniki Anusandhan Kendra Jhansi V.C. ,CSA Kanpur Training officer	Govt.	Production System and Livelyhood activities and water harvesting activities Hightech Agriculture Production, soil and water conservation technique, Production System and Livelyhood activities and water harvesting activities	105	10500	-

	Gram vikas sansthan maudaha Hameerpur, Grass land Jhansi	Gram vikas sansthan maudaha Hameerpur, Grass land Jhansi	Gram vikas sansthan maudaha Hameerpur Director Grass land Jhansi		animal husvendery, Production System and microinter prices , livelihood activities Forestration and horticulture			

Training to stakeholders on participatory watershed management

Project IWMP - VI

District - Mahoba

Sl. No.	Client Group	Title of the Programme/Duration/ Time	Objectives	Coverage/Topics	Training Methodology	Training Institutions
1	-	1 Dayer 2 Dayer 3 Dayer 7 Dayer	Water harvesting , Moisture conservation, Growth of ground water table, forestation, hortriculture, Agriculture production, Maximum employement generation and to	Production system and Microenterprises, water recharge process, watershed development works, livelihood activities such as Goat Keeping, Basket making, Bee Keeping, candeles making, sheep Keeping, the new	Group Discustions, By projector and by site visit in the field	C.S.A. Kanpur, Krishi Vaniki Anusandhan Kendra Jhansi., K.V.K. Belatal Gram vikas sansthan maudaha Hameerpur,

			grow the status of social and economic level of landless people	technique of agriculture production, high production agriculture seeds, fertilizer etc.		Grass land Jhansi

Capacity Building plan

Level of stakeholder	2009-10		2010-11		2011-12	2012-13	2013-14	Total	
	Target (no.)	Achievement (no.)	Target (no.)	Ach.(no.)	Target (no.)	Target (no.)	Target (no.)	Target (no.)	Ach.(no.)
SLNA level	-	-	-	-	-	-	-	-	-
District level	-	-	-	-	-	-	-	-	-
WDT level	-	-	-	-	-	-	-	-	-
WC level	**2500**	**1800**	**2200**	**2200**	-	-	-	**4700**	**4000**
Total	**2500**	**1800**	**2200**	**2200**	-	-	-	**4700**	**4000**

Details of soil erosion in the project area

Names of project IWMP VI **District -Mahoba**

S.N.	Name of Micro Watershed	1	2	3	4	5
		Cause	Type of erosion	Area affected (ha)	Run off (mm/ year)	Average soil loss (Tonnes/ ha/ year)
1	Vijaypur	Water erosion				
		a	Sheet	407.30	339	10-15
		b	Rill	350.00		
		c	Gully	50.00		
		Total		807.30		
2	Gagaura	Water erosion				
		a	Sheet	300.10	339	10-15
		b	Rill	190.00		
		c	Gully	10.00		
		Total		500.10		
3	Panara	Water erosion				
		a	Sheet	604.25	339	10-15
		b	Rill	280.00		
		c	Gully	20.00		
		Total		904.25		
4	**Mahua Itaura**	Water erosion				
		a	Sheet	406.55	339	10-15
		b	Rill	290.00		
		c	Gully	10.00		
		Total		706.55		

5	**Richa**	Water erosion				
		a	Sheet	400.00	339	10-15
		b	Rill	205.00		
		c	Gully	13.37		
		Total		618.37		
6	**Bagaul**	Water erosion				
		a	Sheet	500.00	339	10-15
		b	Rill	195.00		
		c	Gully	10.65		
		Total		705.65		
7	**Bagaul**	Water erosion				
		a	Sheet	650.00	339	10-15
		b	Rill	350.00		
		c	Gully	7.78		
		Total		1007.78		

Details of flood and drought in the project area

Project IWMP.. VI **District-**
Mahoba

1 Sl. No.	Name of Micro Watershed	2	3	4		5
		Particulars	Villages	Periodicity		Not affected
				Annual	Any other (please specify)	
1	Mahua Itaura	Flood	None of village	From Dec to 15 june	-	-
			-			
		Drought	Total of villages are drought prone area			
			-			
2	Bagaul	Flood	None of village	From Dec to	-	-

			-	15 june		
		Drought	Total of villages are drought prone area			
			-			
3	Gagaura	Flood	None of village	From Dec to 15 june	-	-
			-			
		Drought	Total of villages are drought prone area			
			-			
4	Panara	Flood	None of village	From Dec to 15 june	-	-
			-			
		Drought	Total of villages are drought prone area			
			-			
5	Riccha	Flood	None of village	From Dec to 15 june	-	-
			-			
		Drought	Total of villages are drought prone area			
			-			
6	Vijaypur	Flood	None of village	From Dec to 15 june	-	-
			-			
		Drought	Total of villages are drought prone area			
			-			
7	Sugira	Flood	None of village	From Dec to 15 june	-	-
			-			
		Drought	Total of villages are drought prone area			
			-			

Micro Watershed wise details of Watershed Development Activities proposed in Watershed Project-IWMP- VI **District- Mahoba**

(Cost in Rs. Lacks)

S.N	Particular of Measures/Activities	Unit No./	Vijaypur	Panara	Riccha	Bagaul

		Length/ area ha	Qanty.	Cost	Qanty.	Cost	Qanty.	Cost	Qnty	Est .Cost
1	2	3	4	5	6	7	8	9	12	13
I	**Soil & Water Conservation Measures :-**									
	A- Moisture Conservation Measures									
	1- Field Bund		**134**	**32246**	**168**	**12157**	**65**	**92897**	**113**	**120840**
	2- Contour Bund (with Sodding)		**-**	**-**	**-**	**-**	**-**	**-**		
	3- Peripheral Bund (with Sodding)		**203.120**	**313191**	**213.236**	**366471**	**170.677**	**278692**	**189.124**	**362519**
	4- Marginal Bund (with Sodding)		**139.179**	**72084**	**213.009**	**244315**	**155.695**	**185794**	**148.02**	**241679**
	5- Submergence Bundhi (with Sodding)		**295**	**554566**	**274**	**488628**	**202**	**371589**	**230.504**	**483359**
	6- Others specify		**-**	**-**	**-**	**-**	**-**	**-**		
	B- Water Resource Development									
	1- Tank/Pond									
	1a - Water storing capacity									
	1b- Area proposed for irrigation									
	2- Water Harvesting Bundhi	Ha		**821632**		**1019078**		**665585**		**788512**
	2a- Water storing capacity	M3	**5000**	**-**	**4576**	**-**	**4200**	**-**	**4500**	
	2b- Area proposed for irrigation	Ha	**19.10**	**-**	**18.50**	**-**	**17.30**		**19.50**	
	3- Check Dam	Ha	**15**	**2754100**	**15**	**2754100**	**9.00**	**1794400**	**9**	**1794400**
	3a- Water storing capacity	M3	**470**		**150**		**147**		**152**	
	3b- Area proposed for irrigation	Ha	**5**		**18.50**		**17.30**		**19.50**	
	4- Others specify	-	-	-						
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
	C- Drainage Line Treatment	-	-	-	-	-	-	-	-	-

	Upper reaches	-	-	-	-	-	-	-	-	-
	1- Vegetative / Brush wood	-	-	-	-	-	-	-	-	-
	checks	-	-	-	-	-	-	-	-	-
	2- Loose Boulder checks / Structure.	-	-	-	-	-	-	-	-	-
	3- Gavion structures	-	-	-	-	-	-	-	-	-
	4- Other Suitable Structures	-	-	-	-	-	-	-	-	-
	Middle reaches	-	-	-	-	-	-	-	-	-
	1- Loose Boulder checks / structures	-	-	-	-	-	-	-	-	-
	2- Gavion structures.	-	-	-	-	-	-	-	-	-
	3- Sunken Pond (Kadahi Tal) /	-	-	-	-	-	-	-	-	-
	4- Percolation Tank	-	-	-	-	-	-	-	-	-
	5- Other Suitable Structures	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-
	Lower reaches	-	-	-	-	-	-	-	-	-
	1- Loose Boulder checks /	-	-	-	-	-	-	-	-	-
	Structures	-	-	-	-	-	-	-	-	-
	2- Gavion structures.	-	-	-	-	-	-	-	-	-
	3- Sunken Pond (Kadahi Tal) /	-	-	-	-	-	-	-	-	-
	4- Percolation Tank.	-	-	-	-	-	-	-	-	-
	5- Nala Bund / Water Harvesting Bundhi (WHB)	-	-	-	-	-	-	-	-	-
	5a- Water storing capacity	-	-	-	-	-	-	-	-	-
	5b- Area proposed for irrigation by Nala Bund/WHB	-	-	-	-	-	-	-	-	-
	6- Nala straightening	-	-	-	-	-	-	-	-	-
	7- Nala Bund Stabilization works/vegetative measures	-	-	-	-	-	-	-	-	-
	8- Masonry Check Dams	-	-	-	-	-	-	-	-	-

	8a- Water storing capacity	-	-	-	-	-	-	-	-	-
	8b- Area proposed for irrigation									
	9- Others suitable structures	-	-	-	-	-	-	-	-	-
	Total for Micro Watershed	-	-	-	-	-	-	-	-	-

S .N	Particular of Measures/Activities	Unit No./ Length/ area ha	Mahua Itaura		Gagaura		Sugira	
			Qanty.	Cost	Qanty.	Cost	Qanty.	Cost
1	2	3	**4**	**5**	**6**	**7**	**8**	**9**
I	**Soil & Water Conservation Measures :-**	-	**-**	**-**	**-**	**-**	**-**	**-**
	A- Moisture Conservation Measures	-	**-**	**-**	**-**	**-**	**-**	**-**
	1- Field Bund	-	**168**	**121127.40**	**58**	**56846**	**146.236**	**113684**
	2- Contour Bund (with Sodding)	-	**-**	**-**	**-**	**-**		
	3- Peripheral Bund (with Sodding)	-	**213.236**	**363382.20**	**156.877**	**170539**	**280.97**	**341052**
	4- Marginal Bund (with Sodding)	-	**274**	**484509.60**	**99.225**	**113693**	**223**	**227368**
	5- Submergence Bundhi (with Sodding)	-	**213.009**	**242254.80**	**161**	**227385**	**313.574**	**454735**
	6- Others specify	-	**-**	**-**	**-**	**-**	**-**	**-**
		-	**-**	**-**	**-**	**-**	**-**	**-**
	B- Water Resource Development	-	**-**	**-**	**-**	**-**	**-**	**-**
	1- Tank/Pond	-	**-**	**-**	**-**	**-**	**-**	**-**
	1a - Water storing capacity	-	**-**	**-**	**-**	**-**	**-**	**-**
	1b- Area proposed for irrigation							
	2- Water Harvesting Bundhi	Ha		**789785**		**480877**		**996786**

	2a- Water storing capacity	M3	**4800**	**-**	**4780**	**-**	**5500**	**-**
	2b- Area proposed for irrigation	Ha	**20.00**	**-**	**19.30**	**-**	**21.40**	
	3- Check Dam	Ha	**10**	**1794400**	**18**	**1794400**	**38**	**3588800**
	3a- Water storing capacity	M3	**490**		**220**		**280**	
	3b- Area proposed for irrigation	Ha	**10**		**12**		**18**	
	4- Others specify	-	-	-				

Details of User Groups

1		2	3				4				5			6			7
SN	Name of Micro watershed with code	Names of villages	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
1	Gagaura 2c2a3x1a	Gagaura, sikandar pur, raimal pura,	6	-	-	6	(i)Landless	-	-	-		-	-	-	-	-	-
							(ii) SF	30	-	30	30	-	30	30	-	30	-
							(iii) MF	30	-	30	-	-	--	-	-	-	-
							(iv) LF	-	-	-	-	-	-	-	-	-	-

		mahua itaura, khera nankari, naunka, dinai, kilaua															
	Total							60	-	60	30	-	30	30	-	30	-

1		2	3				4				5			6			7
SN	Name of Micro watershed with code	Names of villages	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
	Rampura Quadim (Sugira)2C 2A3v2a	Sugira , sonkpura , bagaul, kulpahar	10	-	-	10	(i)Landless	-	-	-	-	-	-	-		-	--
							(ii) SF	50	-	50	45	-	45	5	-	5	-
							(iii) MF	50	-	50	45	-	45	5	-	5	-
							(iv) LF										
	Total							100	-	100	90	-	90	10		10	

1		2	3				4				5			6			7
SN	Name of Micro watershed with code	Names of villages	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
-	Vijaypur2C 2A3x1a	Vijaypur andwara	7	-	5	12	(i)Landless	-	--	-		-	--	-	-	-	-
							(ii) SF	80	10	90	60	*-	60	60	-	60	
							(iii) MF	12	5	17	-	-	--	-	--	-	-
							(iv) LF	10	3	13							
	Total							1	1	120	60	-	60	6	-	60	

								02	8					0			

1		2	3				4				5			6			7
SN	Name of Micro watershed with code	Names of villages	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
	Panara 2C2A3q2d	Panara , budhi, vijaypur	1	-	9	10	(i)Landless	-	-	-	-	-	-	-	-	-	-
							(ii) SF	75	5	75	50	-	50	50	-	50	-
							(iii) MF	18	2	20	-	-	-	-	-	-	-
							(iv) LF	4	1	5	-	-	-	--	-	-	-
	Total							92	8	100	50	-	50	50	-	50	

1		2	3				4				5			6			7
SN	Name of Micro watershed with code	Names of villages	Total no. of UGs				No. of members				No. of SC/ST in each category			No. of BPL in each category			Date of formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
	Mahua Itaura2C2A 3x1d	Mahua Itaura, raimal pura, kilahua, dinai, gagaura	15	-	-	15	(i)Landless	-	-	-	-		-	-	-	-	-
							(ii) SF	65	10	75	30	10	40	32	8	40	-
							(iii) MF	70	5	75	35	-	35	34	-	34	
							(iv) LF										
	Total							135	15	150	65	10	75	66	8	74	-

1		2	3	4	5	6	7
S	Name of	Names of	Total no. of UGs	No. of members	No. of SC/ST in	No. of BPL in	Date of

N	Micro watershed with code	villages									each category			each category			formation of UGs
			Men	Women	Both	Total	Categories	M	F	Total	M	F	Total	M	F	Total	
-	Bagol2C2 A3w2c	Budhi, Budhi,	8	-	21	29	(i)Landless	-	-	-	-	-	-	-	-	-	-
							(ii) SF	40	105	145	175	25	200	-	-	-	-
							(iii) MF	40	105	145	-	-	-	-	-	-	
							(iv) LF										
	Total							80	210	290	175	25	200				

Details of Formation of User Groups (UGs)

Project- IWMP VI **District - Mahoba**

S. N	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving	Group Activeties	Status of User Agreement
							Women	Sc/ St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Gagaura	Gagaura , sikandarpur, raimalpura, mahuaitaura, kheranankari, naunka,dinai, kilaua	Ganga		Jaypal	Mahesh	-	-	48	48	Grameen bank of bharwara	-	-	Check dam construction WHB construction P.B. construction	
			Kaveri		Ramgopal	Guljari									
			Gomti		Daulatram	Ramcharan									
			Jamuna		Jaysingh	Rajendra									
			Sarswati		Nakhadia	Sulla									
			betwa		Chirangilala	Bhagwandeen									
	Total for Project								**48**	**48**					

S. N	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving	Group Active Ties	Status of User Agreement
							Women	Sc/ St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Sugira	Sugira, sonkpura, bagaul, kulpahar	himalay		Jamuna Prasad	Prabudayal	-	50	30	80	-	-	-	Check dam construction WHB construction P.B. construction	
			Vindyachal		Jagdees	Rajendra									
			Neel		Bhagat singh	Govinddas									
			Avrest		Balwan	Panchu									
			Ganga		Bacchu	Deshraj									
			yamuna		Narayan	Jhallan									
			Saraswati		Bindrawan	Pramod kumar									
			Godawari		Dasrath	Prem narayan									
			Krishna		Munni lal	Kisorilal									
			Kaveri		Thakurdas	Jagdamba Prasad									
	Total for Project							**50**	**30**	**80**					

S. N	Name of micro watershed	Name of village	Name of group	Date of constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving	Group Active Ties	Status of User Agreement
							Women	Sc/St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Panara	Panara, budhi, vijaypua	Bhoolenath		Swamideen	Ranbhaan singh	-	-	80	80	Grameen bank of bharwara	-	-	Check dam construction WHB construction P.B. construction	
			Ganga		Surendra singh	Veer singh									
			Bajrang		Phulia	Ramsahay									
			Ambedkar		Halkai	Lallu									
			Gandhi		Maiadeen	Brajrani									
			Durga		Anusuiya	Dulichand									
			Saraswati		Jaysingh	Jasoda									
			Indrni		Dwarika	Sripath									
			Betwa		Vijaybahadur	Krisna									
			Arjun		Ramswaroop	Munnilal									
	Total for Project								**80**	**80**					

S. N	Name of micro watershed	Name of village	Name of Group	Date of constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving	Group Active Ties	Status of User Agreement
							Women	Sc/ St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Mahua Itaura	Mahua itaura, kilaua, dinai,gagaura	Ganga		Sarman	Harilal	15	75	60	150	Grameen bank of bharwara	-	-	Check dam construction WHB construction P.B. construction	
			Jamuna		Babri	Khemchand									
			Trivni		Rameshwar	Deshraj									
			Sangam		Vansidhar	Dharamjeet									
			Saraswati		Chatrapaal	Mathura									
			Radha		Brandawan	Rampal									
			Krisna		Prabhudayal	Laxmi Prasad									
			Kaveri		Ramlal	Shobhan									
			Bajrang		Phawadi	Baijnaath									
			Devki		Devcharan	Mangal singh									
			Siwam		Beni Prasad	Dharampaal									
			Ganesh		Sareef	Ramjaan									

			Saryu		Chanchal singh	Sumer singh									
			Gomti		Siddh gopal	Parma									
			Sarda		Bhanu pratap	Ramdas									
	Total for Project						**15**	**75**	**60**	**150**					

S. N	Name of micro watershed	Name of village	Name of Group	Date of constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving	Group Active Ties	Status of User Agreement
							Women	Sc/ St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Riccha	Riccha,dinai,nonka,bhatewar kala, andwara	Ganga		Parma	Hajarilala	-	50	100	150	Grameen bank of bharwara	-	-	Check dam construction WHB construction P.B. construction	
			Jamuna		Mahipal	Pyarelal									
			Trivni		Mahesh kumar	Devidayal									
			Sangam		Lala singh	Babulal									
			Sarswati		Such lal	Arvind									
			Radha		Haripal	Brajendra singh									
			Krisna		Phool singh	Khem chand									
			Kaveri		Nirpath	Sadam									
			Bajrang		Kandilala	Amar singh									
			Devki		Kisori lal	Duga Prasad									
			Siwam		Mohan lal	Bhaluan									
			Ganesh		Jagdeesh	Kalicharan									
			Saryu		Ashok kumar	Dhan Prasad									
			Gomti		Chetram	Chunnulal									

			Sarda		Nathua	Mool Chandra									
	Total for Project						**-**	**50**	**100**	**150**					

S. N	Name of micro watershed	Name of village	Name of Group	Date of constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving	Group Active Ties	Status of User Agreement
							Women	Sc/ St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Vijaypur	Vijaypur, andwara	Laxmi		Rameswar	Pyarelal	-	-	96	96	Grameen bank of bharwara	-	-	Check dam construction WHB construction P.B. construction	
			Sidhbaba		Chavilal	Sankar lal									
			Narmada		Dhanpath	Bindrawan									
			Gandhi		Rajendra kumar	Dinesh kumar									
			Bramha		Indresh kumar	Suleman									
			Ganga		Ganga deen	Badri									
			Sankar		Basore lal	Laldeewan									

			Bharao		Bhaiya deen	Nathuram									
			Serawali		Kisorilal	Dharamdas									
			Sai		Sivnath	Ramcharan									
			Jamuna		Pahad singh	Govinddas									
			saryu		Dasrath	Jagdees									
	Total for Project						**-**	**-**	**96**	**96**					

S. N	Name of micro watershed	Name of village	Name of Group	Date of constitution	Name of Adhyaksh	Name of Sachiv/ Treasurer	Total No. of Members				Name of Bank and Address	Account No. & Date	Up to date Saving	Group Active Ties	Status of User Agreement
							Women	Sc/St	Other	Total					
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16
1	Bagaul	Bagaul, budhi	Himalay		Ramsaiya	Mahesh	33	100	99	232	Grameen bank of kulpah	-	-	Check dam construction	
			Satpura		Chutkan	Gunda									

			Kanchan		Sumitrani	Bhuwanideen					ar			WHB construction P.B. construction	
			Averest		Prakash	Rakesh									
			Ganga		Mohanlal	Ramkisan									
			Jamuna		Tulsidas	Dhaniram									
			Saraswati		Ghansyam	Jhagdu									
			Kaveri		Pratapsingh	Arun kumar									
			Krisna		Parkasrani	Cheda lal									
			Godaeari		Munni lal	Kalicharan									
			Saryu		Kaosal kisor	Jaysingh									
			rapti		Pramod kumar	Ghasiram									
			Brahamputra		Bharat singh	Sri parkas									
			Sryu		Arjun singh	Roop singh									
			Gandak		Sankar	Deen dayal									
			Sarda		Laghu chand	Babulal									
			Satlag		Ramcharan	Ramgopal									
			Rabi		Bheeka	Ram singh									
			Chinar		Abdul rahman	Duli chand									
			Veyas		Damodar	Moti lal									

			Jhelam		Amar singh	Gaya deen									
			Gomti		Bhaiyalal	Prathvi raj									
			Sukhn ai		Pyare lal	Lal das									
			Dhasa n		Mool Chandra	Parm lal									
			Neelgi ri		Om parkas	Bhoopat									
			Bagra ng		Ram parkas	Kadora									
			Ganse h		Har dayal	Daya ram									
			Mahav eer		Dhoo ram	Kalu ram									
			brahm a		Arvind	Braj kisor									
	Total for Project						**33**	**10 0**	**99**	**232**					

CHAPTER NO.-2

BASELINE SURVEY

DEATAILED SURVEY OF THE PROJECT

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत प्राथमिक सर्वेक्षण

1	ग्राम का नाम – पनारा	विकास खण्ड – पनवाड़ी	तहसील– महोबा
2.	कुल आबादी		801
		स्त्री	264
		पुरुष	312
		बच्चे	224
3	सामान्य		160
		स्त्री	53
		पुरुष	62
		बच्चे	45
4	अनुसूचित जाति		376
		स्त्री	124
		पुरुष	147
		बच्चे	105
5	अनुसूचित जनजाति		
		स्त्री	
		पुरुष	
		बच्चे	
6	पिछड़ी जाति		240
		स्त्री	79
		पुरुष	94
		बच्चे	67
7	अल्प संख्यक		24
		स्त्री	8
		पुरुष	9
		बच्चे	7

8	कुल परिवार की संख्या		130
9	सामान्य		26
10	अनुसूचित जाति		61
11	अनुसूचित जन जाति		0
12	पिछड़ी जाति		39
13	अल्प संख्यक		0
14	अन्य		3.9
15	गाव में कुल वौटरों की संख्या		530
16	गांव में कल मकानों की संख्या		
		पक्के	72
		अर्द्ध पक्के	150
		मिटटी के	400
		झोपड़ी	20
		अन्य	
17	इन्दिरा आवास की संख्या		72
18	शौचालय की संख्या		
		सरकारी योजना में	90
		स्वयं का निर्मित	5
		सामुदायिक	1
		अन्य	
19	पेय जल का स्त्रोत		
		हैण्ड पम्प	11
		सरकारी पम्प	
		कुआं	3
		अन्य	
20	हैण्ड पम्प की संख्या		
		मार्क–प्प्ध्ट	11
		देशी	
		अन्य	
21	हेण्उ पम्प का विवरण		
		चालू हैण्ड पम्प की संख्या	
		रिबोरिग की आवश्यकता	
		डेड	
		नये हैण्ड पम्प की आवश्यकता	2
22	हैण्ड पम्प फाऊंडेशन की स्थिति		
		निर्मित	8

		अर्द्ध निर्मित	
		मरम्मत की आवश्यकता	1
		नये निर्माण की आवश्यकता	2
23	जानवरो के पीने का पानी		
		चहरी	1
		तालाब	1
		पोखरा	
		अन्य	
24	गांव में बिजली है या नहीं		yes
25	मकानो ंकी संख्या जहां बिजली है		33
26	गांव में पानी का जल स्तर		
		कुआं	40'
		बोरवेल	
27	सिंचाई का साधन		
		कुआं	
		तालाब	
		नहर	
		नाला	
		टयूबेल	
		अन्य	
28	सिंचाइ हेतु कुल बोरिंग		
		सरकारी	
		निजी	
29	सिंचाई हेतु इंजन की संख्या		
		स्वयं का	10
		किराये का	
30	गांव में टयूबेल की संख्या		
		सरकारी	
		व्यक्तिगत / निजी	
31	गावं में तालाबों की संख्या		
		सामुदायिक	1
		निजी	
32	तालाबों का विवरण	कुल	
		निर्मित	
		अर्द्ध निर्मित	1
		पुनः निर्माण की आवश्यकता	

		नये निर्माण की आवश्यकता	1
33	गांव में कुआं की संख्या		
		चालू	2
		डेड	1
34	गांव मे कुओं का उपयेाग		
		पेय जल	yes
		स्नान	yes
		घरेलु कार्य	yes
		जानवरों की लिये	yes
		सिंचाई	
		अन्य	
35	प्राथमिक स्कूल की संख्या		1
36	जूनियर स्कूल की संख्या		1
37	हाई स्कूल		
38	माध्यमिक स्कूल		
39	डिग्री कालेज		
40	आंगनवाड़ी केन्द्र		1
41	पंचायत घर		
42	किसान केन्द्र		
43	सामुदायिक भवन		
44	प्राथमिक स्वास्थ्य केन्द्र		
45	निजी चिकित्सालय/चिकित्सक		
46	पशु चिकित्सा केन्द्र		
47	सामुदायिक चबूतरा		1
48	देवालय		
49	मन्दिर		2
50	मस्जिद		
51	मरघट		1
52	सीानीय बाजार/मण्डी		
53	पुलिस चौकी		
54	बस स्टेशन		
55	पोस्ट आफिस		
56	किसान सूचना केन्द्र		
57	खाद/बीज वितरण केन्द्र		
58	अन्य सरकारी भवन		
60	जानवरों का विवरण		

		गाय	30
		बैल	40
		भैंस	45
		भैसा	-
		बकरी	250
		भेड़	100
		घोड़ा	-
		गधा	35
		खच्चर	80
		मुर्गी	30
		बत्तख	2
		अन्य	-
61	लैण्ड होल्डिंग का विवरण		-
		मार्जिनल/सीमान्त कृषक	32
		स्माल/लघु	40
		मीडियम / मध्यम	20
		लार्ज / बृहद	10
		एसेटलेस	4
		कुल	106
62	गांव की भूमि का विवरण (हे0)	कुल भौगोलिक	401.00
		प्रोजेक्ट एरिया	
		कृषि योग्य भूमि	298.75
		सिंचित क्षेत्रफल	
		बनीकरण से	42.11
		चारागाह का क्षेत्रफल	0.80
		ऊसर का क्षेत्रफल	7.22
		सामुदायिक भूमि का	
		आबादी से अच्छादित	35.69
		अन्य	16.44
63	कृषि भूमि का विवरण (हे0)	एक फसली क्षेत्रफल	120.30
		द्विफसली क्षेत्रफल	240.6
		बहुफसली क्षेत्रफल	40.1
64	फसल चक्र		
		वर्तमान	
		प्रस्तावित	
65	भूमि उपयोग (हे0)	वर्तमान	प्रस्तावित

a.	Rainfed		
	I. Crops		
	II. Agroforestry		
b.	Irrigated:		
	I. Assured		
	II. Partial		
2	Westland		
a.	Afforstation		
b.	Pasture		
c.	Village land	80.48	
Total:			
66	प्रमुख फसल का नाम	बोया गया क्षेत्रफल हे0	उत्पादित प्रति हेक्टेयर (कु0 में)
	धान	0.418	3.26
	मक्का		
	अरहर	29.875	208.52
	ऊरद	32.862	135.72
	मूंग	14.937	29.28
	ज्वार	4.033	35.73
	बाजार		
	गेहु	65.097	856.02
	गन्ना	1.763	549.93
	आलू	1.195	268.87
	सरसों	34.923	132.71
	चना	53.774	419.44
	मसूर	35.849	135.87
67	गांव में पुलिया का विवरण		
	स्थिति		2
	निर्मित		
	निर्माणाधीन		
	जर्जर		
	नये की आवश्यकता		2
	गांव में आवागमन के रास्ते		
68	विवरण	लम्बाई कि0मी0 में	मरम्मत की आवश्कता
	चक रोड	1	
	खड़जा	0.02	
	पिच रोड	2	
	अन्य		

69	गांव में जल निकासी	लम्बाई मी0 में	
	निर्मित	158	
	अर्द्ध निर्मित		
	मरम्मत की आवश्यकता	300	
	नये निर्माण की आवश्कता	200	
70	गांव में निम्न विवरण		
	विवरण	संख्या	सबसे पहले किसने खरीदा/खोला
	ट्रैक्टर की संख्या	5	Mr. Brajendra Kumar
	दुपहिया वाहन की संख्या	35	Mr. Karan Singh
	चार पहिया वाहन की संख्या	3	Mr. Narayan Singh
	साईकिल की संख्या	20	
	तांगा की संख्या		
	इक्का की संख्या		
	जुगाड़ की संख्या		
	यातायात के अन्य साधन	Tampo 02	Mr.Gajraj
	ठेला गाड़ी		
	भैसा गाड़ी		
	रिक्शा		
	रिक्शा ट्राली	1	
	साईकिल		
	परचून की दुकान	5	
	जनरल मर्चैंट	1	
	नाऊ की दुकान	2	
	चाय की दुकान		
	बिसातखाने की दुकान	1	
	हलुवाई की दुकान	1	
	कपड़े की दुकान		
	जूता चप्पल की दुकान		
	खाद की दुकान		
	बीज की दुकान		
	पौध नर्सरी	1	
	अन्य दुकान		
71	गांव में आय के साधन		
	कृषि		
	मजदूरी		
	स्वतः रोजगार		
	अन्य		

72	गांव में माइग्रटेड मजदूरें की संख्या	250	
		वर्तमान	प्रस्तावित
73	गांव में कुल दुग्ध उत्पादन		
	विवरण	मात्रा लीटर में	
	गाय	15	
	भैस	100	
	बकरी	20	
	अन्य	5	
74	गांव में वृक्षों की संख्या		
	विवरण	संख्या	
	आम	12	
	कटहल	2	
	अमरुद	5	
	बेल	2	
	बेर	20	
	जामुन	2	
	अनार		
	नीबू	5	
	लीची		
	महुआ	10	
	चिलबिल	2	
	ीशम	220	
	साखू	50	
	सागौन	1000	
	यूकैलिप्टस	175	
	बबूल	5	
	गूलर	50	
	नीम	5	
	पीपल		
	पाकड़		
	अन्य		
75	गांव का अन्य विवरण		
	विवरण	संख्या	
	नाकरी/पेशा से सम्बन्धित	3	
	कारखानों में कार्यरत	5	
	कृषक मजदूर	200	
	प्राइवेट नौकरी में कार्यरत	5	
	स्व रोजगार में लगे		
	मजदूर	500	

	लोहार		
	बढ़ई		
	इलेक्ट्रीशियन		
	वेलडर		
	हैड पम्प मेकैनिक		
	डीजल इंजन मेकैनिक	2	
	राजगीर	20	
	प्लम्बर		
	ट्रक्टर मिकैनिक	2	
	टयूबेल आपरेटर		
	पेंशनभोगी	80	
76	नेता	विधायक/सांसद/मंत्री/अन्य कर्मचारी	
	अध्यापक		
	शिक्षामित्र		
	इन्जीनियर		
	कुषि स्नाातक		
	लेखपाल		
	प्रमुख त्योहार	त्यौहार का नाम	मनाने का माह
	1	Vijay Dashami	October
	2	Deepawali	November
	3	Holi	March
	4		
	5		
	6		
77	गांव में खना बनाने के लिये ईधन के उपयोग के अनुसार संख्या		
	लकड़ी		
	कोयला		
	गोबर का ऊपला/कण्डा		
	फसल के अवशेष		
	मिटटी का तेल		
	कुकिंग गैस	5	
	अन्य		
78	गांव में बच्चों के टीकाकरण की उपलब्धता	Anganvadi Kendra	
79	गांव में गर्भवती माताओं के टीकाकरण की उपलब्धता		
80	गांव में पशुओं के टीकाकरण की उपलब्धता		
	गांव मे पशु बीमा जानकारी		
	गांव में लोग पशु बीमा कराते हैं		
	गांव में फसल बीमा की जानकारी		

	गांव में लोग फसल बीमा कराते हें		
	गांव में प्रमुख सब्जी का उत्पादन		
81	विवरण	बोया गया क्षं0 है0 में	उत्पादन/हे0
	आलू	10	
	घुंईयां	3	
	सूरन		
	फुल गोभी	5	
	पात गोभी	4	
	टमाटर	13	
	शिमला मिर्च		
	हरी मिर्च	3	
	भिण्डी	4	
	परवल		
	बीन्स		
	बैंगन	6	
	कददू	1	
	लौकी	2	
	तरोई	4	
	प्याज	18	
	लहसुन	2	
	हरा साग	3	
	अन्य		
82	गाव में गोबर गैस प्लांट की सं0		
83	गांव में वर्मी कम्पोस्ट पीट की सं0		
84	गांव में पूर्व गठित स्वंय सहायता समूहों की सं0		
85	गांव मे प्रचलित हस्त शिल्प यदि कोई हो		
86	गांव में विगत 7 वर्षो का वर्षा का विवरण		
	वर्ष	अधिकतम	न्यूनतम
	प्रथम वर्ष	795mm	300mm
	द्वितीय वर्ष	625mm	625mm
	तृतीय वर्ष	500mm	350mm
	चतुर्थ वर्ष	450mm	250mm
	पंचम वर्ष	650mm	300mm
	षष्ठम वर्ष	702mm	250mm
	सप्तम वर्ष	900mm	300mm
87	गांव में विगत 7 वर्षो का तापमान का विवरण		
	वर्ष	अधिकतम	न्यूनतम
	प्रथम वर्ष	47	21
	द्वितीय वर्ष	48	19

	तृतीय वर्ष	47	22
	चतुर्थ वर्ष	46	22
	पंचम वर्ष	48	18
	षष्ठम वर्ष	47	22
	सप्तम वर्ष	48	19

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत प्राथमिक सर्वेक्षण

1	ग्राम का नाम – विजयपुर	विकास खण्ड – पनवाड़ी	तहसील– महोबा	जनपद– महोबा
2.	कुल आबादी		2681	
		स्त्री	885	
		पुरुष	1046	
		बच्चे	751	
3	सामान्य		536	
		स्त्री	177	
		पुरुष	209	
		बच्चे	150	
4	अनुसूचित जाति		1260	
		स्त्री	416	
		पुरुष	491	
		बच्चे	353	
5	अनुसूचित जनजाति			
		स्त्री		
		पुरुष		
		बच्चे		
6	पिछड़ी जाति		804.3	
		स्त्री	265	
		पुरुष	314	
		बच्चे	225	
7	अल्प संख्यक		80	
		स्त्री	27	
		पुरुष	31	
		बच्चे	23	
8	कुल परिवार की संख्या		454	
9	सामान्य		91	
10	अनुसूचित जाति		213	
11	अनुसूचित जन जाति			
12	पिछड़ी जाति		136	
13	अल्प संख्यक			

14	अन्य		14	
15	गाव में कुल वौटरों की संख्या		1870	
16	गांव में कल मकानों की संख्या			
		पक्के	150	
		अर्द्ध पक्के	500	
		मिटटी के	1000	
		झोपड़ी	100	
		अन्य		
17	इन्दिरा आवास की संख्या		90	
18	शौचालय की संख्या			
		सरकारी योजना में	30	30
		स्वयं का निर्मित	50	
		सामुदायिक		1
		अन्य		
19	पेय जल का स्त्रोत			
		हैण्ड पम्प	29	
		सरकारी पम्प	10	
		कुआं	5	
		अन्य		
20	हैण्ड पम्प की संख्या			
		मार्क–प्ध्प्ट	29	
		देशी		
		अन्य		
21	हेण्उ पम्प का विवरण			
		चालू हैण्ड पम्प की संख्या	29	
		रिबोरिग की आवश्यकता		
		डेड		
		नये हैण्ड पम्प की आवश्यकता	10	
22	हैण्ड पम्प फाऊंडेशन की स्थिति			
		निर्मित	25	
		अर्द्ध निर्मित	0	
		मरम्मत की आवश्यकता	4	
		नये निर्माण की आवश्यकता	0	
23	जानवरो के पीने का पानी			
		चहरी	1	
		तालाब	1	

		पोखरा		
		अन्य		
24	गांव में बिजली है या नहीं		no	
25	मकानो ंकी संख्या जहां बिजली है			
26	गांव में पानी का जल स्तर			
		कुआं	40'	
		बोरवेल		
27	सिंचाई का साधन			
		कुआं	yes	
		तालाब	yes	
		नहर		
		नाला	yes	
		टयूबेल		
		अन्य		
28	सिंचाइ हेतु कुल बोरिंग			
		सरकारी		
		निजी	40	
29	सिंचाइ हेतु इंजन की संख्या			
		स्वयं का	45	
		किराये का		
30	गांव में टयूबेल की संख्या			
		सरकारी		
		व्यक्तिगत / निजी		
31	गावं में तालाबों की संख्या			
		सामुदायिक	1	
		निजी		
32	तालाबों का विवरण	कुल		
		निर्मित		
		अर्द्ध निर्मित	1	
		पुनः निर्माण की आवश्यकता		
		नये निर्माण की आवश्यकता	1	
33	गांव में कुआं की संख्या			
		चालू	8	
		डेड	1	
34	गांव मे ंकुओं का उपयेाग			
		पेय जल	yes	

		स्नान	yes	
		घरेलु कार्य	yes	
		जानवरों की लिये	yes	
		सिंचाई		
		अन्य		
35	प्राथमिक स्कूल की संख्या		1	
36	जूनियर स्कूल की संख्या		1	
37	हाई स्कूल		1	
38	माध्यमिक स्कूल			
39	डिग्री कालेज			
40	आंगनवाड़ी केन्द्र		2	
41	पंचायत घर			
42	किसान केन्द्र			
43	सामुदायिक भवन		1	
44	प्राथमिक स्वास्थ्य केन्द्र			
45	निजी चिकित्सालय/चिकित्सक			
46	पशु चिकित्सा केन्द्र			
47	सामुदायिक चबूतरा		1	
48	देवालय		5	
49	मन्दिर		5	
50	मस्जिद		1	
51	मरघट		2	
52	सीानीय बाजार/मण्डी		1	
53	पुलिस चौकी			
54	बस स्टेशन			
55	पोस्ट आफिस			
56	किसान सूचना केन्द्र			
57	खाद/बीज वितरण केन्द्र			
58	अन्य सरकारी भवन			
60	जानवरों का विवरण			
		गाय	250	
		बैल	200	
		भैंस	350	
		भैसा	5	
		बकरी	1200	
		भेड़	400	

		घोड़ा	5	
		गधा	35	
		खच्चर	80	
		मुर्गी	200	
		बत्तख	10	
		अन्य	-	
61	लैण्ड होल्डिंग का विवरण		-	
		मार्जिनल/सीमान्त कृषक	150	
		स्माल/लघु	500	
		मीडियम / मध्यम	280	
		लार्ज / बृहद	80	
		एसेटलेस	30	
		कुल	1040	
62	गांव की भूमि का विवरण (हे0)	कुल भौगोलिक	895.00	
		प्रोजेक्ट एरिया		
		कृषि योग्य भूमि	666.78	
		सिंचित क्षेत्रफल		
		बनीकरण से	93.98	
		चारागाह का क्षेत्रफल	1.79	
		ऊसर का क्षेत्रफल	16.11	
		सामुदायिक भूमि का		
		आबादी से अच्छादित	79.66	
		अन्य	36.70	
63	कृषि भूमि का विवरण (हे0)	एक फसली क्षेत्रफल	268.50	
		द्विफसली क्षेत्रफल	537	
		बहुफसली क्षेत्रफल	89.5	
64	फसल चक्र			
		वर्तमान		
		प्रस्तावित		
65	भूमि उपयोग (हे0)	वर्तमान	प्रस्तावित	
a.	Rainfed			
	I. Crops			
	II. Agroforestry			
b.	Irrigated:			
	I. Assured			
	II. Partial			

2	Westland			
a.	Afforstation			
b.	Pasture			
c.	Village land			
Total:				
66	प्रमुख फसल का नाम	बोया गया क्षेत्रफल हे0	उत्पादित प्रति हेक्टेयर (कु0 में)	प्रस्तावित
	धान	0.933	7.28	
	मक्का			
	अरहर	66.678	465.41	
	ऊरद	73.345	302.92	
	मूंग	33.339	65.34	
	ज्वार	9.001	79.75	
	बाजार			
	गेहु	145.290	1910.57	
	गन्ना	3.934	1227.40	
	आलू	2.667	600.10	
	सरसों	77.946	296.19	
	चना	120.020	936.15	
	मसूर	80.013	303.25	
67	गांव में पुलिया का विवरण			
	स्थिति		5	
	निर्मित			
	निर्माणाधीन			
	जर्जर			
	नये की आवश्यकता		3	
	गांव में आवागमन के रास्ते			
68	विवरण	लम्बाई कि0मी0 में	मरम्मत की आवश्कता	
	चक रोड	8		
	खड़जा	0.08		
	पिच रोड	500		
	अन्य			
69	गांव में जल निकासी	लम्बाई मी0 में		
	निर्मित	316		
	अर्द्ध निर्मित	2500		
	मरम्मत की आवश्यकता	300		
	नये निर्माण की आवश्कता	500		
70	गांव में निम्न विवरण			

	विवरण	संख्या	सबसे पहले किसने खरीदा/खोला	किस वर्ष मं खरीदा
	ट्रैक्टर की संख्या	30		
	दुपहिया वाहन की संख्या	40		
	चार पहिया वाहन की संख्या	25		
	साईकिल की संख्या	250		
	तांगा की संख्या			
	इक्का की संख्या			
	जुगाड़ की संख्या			
	यातायात के अन्य साधन	Tampo 30		
	ठेला गाड़ी			
	भैसा गाड़ी			
	रिक्शा			
	रिक्शा ट्राली	1		
	साईकिल			
	परचून की दुकान	5		
	जनरल मर्चैट	1		
	नाऊ की दुकान	2		
	चाय की दुकान			
	बिसातखाने की दुकान	1		
	हलुवाई की दुकान	1		
	कपड़े की दुकान			
	जूता चप्पल की दुकान			
	खाद की दुकान			
	बीज की दुकान			
	पौध नर्सरी	1		
	अन्य दुकान			
71	गांव में आय के साधन			
	कृषि			
	मजदूरी			
	स्वतः रोजगार			
	अन्य			
72	गांव में माइग्रटेड मजदूरों की संख्या	750		
		वर्तमान	प्रस्तावित	
73	गांव में कुल दुग्ध उत्पादन			
	विवरण	मात्रा लीटर में		
	गाय	45		
	भैस	300		

	बकरी	60		
	अन्य	15		
74	गांव में वृक्षों की संख्या			
	विवरण	संख्या		
	आम	24		
	कटहल	4		
	अमरुद	10		
	बेल	4		
	बेर	40		
	जामुन	4		
	अनार			
	नीबू	10		
	लीची			
	महुआ	20		
	चिलबिल	4		
	ीशम	440		
	साखू	100		
	सागौन	2500		
	यूकैलिप्टस	325		
	बबूल	256		
	गूलर	50		
	नीम	450		
	पीपल	15		
	पाकड़	2		
	अन्य			
75	गांव का अन्य विवरण			
	विवरण	संख्या		
	नाकरी/पेशा से सम्बन्धित	16		
	कारखानों में कार्यरत	15		
	कृषक मजदूर	700		
	प्राइवेट नौकरी में कार्यरत	18		
	स्व रोजगार में लगे			
	मजदूर	1800		
	लोहार	2		
	बढ़ई	3		
	इलेक्ट्रीशियन	2		
	वेलडर	1		
	हैड पम्प मेकैनिक	1		
	डीजल इंजन मेकैनिक	4		

	राजगीर	60		
	प्लम्बर	2		
	ट्रक्टर मिकैनिक	5		
	टयूबेल आपरेटर	2		
	पेंशनभोगी	240		
76	नेता	विधायक/सांसद/मंत्री/अन्य कर्मचारी		
	अध्यापक	5		
	शिक्षामित्र	6		
	इन्जीनियर	1		
	कृषि स्नाातक	15		
	लेखपाल	2		
	प्रमुख त्योहार	त्यौहार का नाम	मनाने का माह	अन्य विवरण
	1	Vijay Dashami	October	
	2	Deepawali	November	
	3	Holi	March	
	4			
	5			
	6			
77	गांव में खना बनाने के लिये ईधन के उपयोग के अनुसार संख्या			
	लकड़ी	250		
	कोयला			
	गोबर का ऊपला/कण्डा			
	फसल के अवशेष	280		
	मिटटी का तेल	20		
	कुकिंग गैस	5		
	अन्य			
78	गांव में बच्चों के टीकाकरण की उपलब्धता	Anganvadi Kendra		
79	गांव में गर्भवती माताओं के टीकाकरण की उपलब्धता	YES		
80	गांव में पशुओं के टीकाकरण की उपलब्धता	YES		
	गांव मे पशु बीमा जानकारी	YES		
	गांव में लोग पशु बीमा कराते हैं	YES		
	गांव में फसल बीमा की जानकारी	YES		
	गांव में लोग फसल बीमा कराते हें	YES		
	गांव में प्रमुख सब्जी का उत्पादन	Brinjal		
81	विवरण	बोया गया क्षं0 है0 में	उत्पादन/हे0	
	आलू	15		
	घुंईयां	1		
	सूरन			

	फुल गोभी	6		
	पात गोभी	4		
	टमाटर	15		
	शिमला मिर्च			
	हरी मिर्च	2		
	भिण्डी	2		
	परवल			
	बीन्स			
	बैंगन	16		
	कददू	2		
	लौकी	1		
	तरोई	3		
	प्याज	20		
	लहसुन	1		
	हरा साग	2		
	अन्य			
82	गाव में गोबर गैस प्लांट की सं0	2		
83	गांव में वर्मी कम्पोस्ट पीट की सं0	3		
84	गांव में पूर्व गठित स्वंय सहायता समूहों की सं0	2		
85	गांव मे प्रचलित हस्त शिल्प यदि कोई हो			
86	गांव में विगत 7 वर्षो का वर्षा का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	795mm	300mm	
	द्वितीय वर्ष	625mm	625mm	
	तृतीय वर्ष	500mm	350mm	
	चतुर्थ वर्ष	450mm	250mm	
	पंचम वर्ष	650mm	300mm	
	षष्ठम वर्ष	702mm	250mm	
	सप्तम वर्ष	900mm	300mm	
87	गांव में विगत 7 वर्षो का तापमान का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	47	21	
	द्वितीय वर्ष	48	19	
	तृतीय वर्ष	47	22	
	चतुर्थ वर्ष	46	22	
	पंचम वर्ष	48	18	
	षष्ठम वर्ष	47	22	
	सप्तम वर्ष	48	19	

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत प्राथमिक सर्वेक्षण

1	ग्राम का नाम – बागौल	विकास खण्ड – पनवाड़ी	तहसील– महोबा	जनपद– महोबा
2.	कुल आबादी		821	
		स्त्री	271	
		पुरुष	320	
		बच्चे	230	
3	सामान्य		164	
		स्त्री	54	
		पुरुष	64	
		बच्चे	46	
4	अनुसूचित जाति		386	
		स्त्री	127	
		पुरुष	150	
		बच्चे	108	
5	अनुसूचित जनजाति			
		स्त्री		
		पुरुष		
		बच्चे		
6	पिछड़ी जाति		246.3	
		स्त्री	81	
		पुरुष	96	
		बच्चे	69	
7	अल्प संख्यक		25	
		स्त्री	8	
		पुरुष	10	
		बच्चे	7	
8	कुल परिवार की संख्या		140	
9	सामान्य		66	
10	अनुसूचित जाति		28	
11	अनुसूचित जन जाति			
12	पिछड़ी जाति		42	
13	अल्प संख्यक			

14	अन्य		4	
15	गाव में कुल वौटरों की संख्या		575	
16	गांव में कल मकानों की संख्या			
		पक्के	80	
		अर्द्ध पक्के	30	
		मिटटी के	40	
		झोपड़ी		
		अन्य		
17	इन्दिरा आवास की संख्या		8	
18	शौचालय की संख्या			
		सरकारी योजना में	45	30
		स्वयं का निर्मित	10	
		सामुदायिक		1
		अन्य		
19	पेय जल का स्त्रोत			
		हैण्ड पम्प	20	
		सरकारी पम्प	5	
		कुआं	5	
		अन्य		
20	हैण्ड पम्प की संख्या			
		मार्क–II/IV	20	
		देशी		
		अन्य		
21	हेण्उ पम्प का विवरण			
		चालू हैण्ड पम्प की संख्या	20	
		रिबोरिग की आवश्यकता		
		डेड		
		नये हैण्ड पम्प की आवश्यकता	5	
22	हैण्ड पम्प फाऊंडेशन की स्थिति			
		निर्मित	20	
		अर्द्ध निर्मित	0	
		मरम्मत की आवश्यकता	3	
		नये निर्माण की आवश्यकता	0	
23	जानवरो के पीने का पानी			
		चहरी	2	
		तालाब	1	

		पोखरा		
		अन्य		
24	गांव में बिजली है या नहीं		no	
25	मकानो की संख्या जहां बिजली है			
26	गांव में पानी का जल स्तर			
		कुआं	50'	
		बोरवेल		
27	सिंचाई का साधन			
		कुआं	yes	
		तालाब	yes	
		नहर		
		नाला	yes	
		टयूबेल		
		अन्य		
28	सिंचाइ हेतु कुल बोरिंग			
		सरकारी		
		निजी	40	
29	सिंचाइ हेतु इंजन की संख्या			
		स्वयं का	45	
		किराये का		
30	गांव में टयूबेल की संख्या			
		सरकारी		
		व्यक्तिगत / निजी		
31	गावं में तालाबों की संख्या			
		सामुदायिक	1	
		निजी		
32	तालाबों का विवरण	कुल		
		निर्मित		
		अर्द्ध निर्मित	1	
		पुनः निर्माण की आवश्यकता		
		नये निर्माण की आवश्यकता	1	
33	गांव में कुआं की संख्या			
		चालू	5	
		डेड	2	
34	गांव मे कुओं का उपयेाग			
		पेय जल	yes	

		स्नान	yes	
		घरेलु कार्य	yes	
		जानवरों की लिये	yes	
		सिंचाई		
		अन्य		
35	प्राथमिक स्कूल की संख्या		1	
36	जूनियर स्कूल की संख्या		1	
37	हाई स्कूल		1	
38	माध्यमिक स्कूल			
39	डिग्री कालेज			
40	आंगनवाड़ी केन्द्र		1	
41	पंचायत घर			
42	किसान केन्द्र		1	
43	सामुदायिक भवन			
44	प्राथमिक स्वास्थ्य केन्द्र		1	
45	निजी चिकित्सालय/चिकित्सक			
46	पशु चिकित्सा केन्द्र			
47	सामुदायिक चबूतरा		2	
48	देवालय		5	
49	मन्दिर		2	
50	मस्जिद			
51	मरघट		2	
52	सीानीय बाजार/मण्डी			
53	पुलिस चौकी			
54	बस स्टेशन			
55	पोस्ट आफिस			
56	किसान सूचना केन्द्र			
57	खाद/बीज वितरण केन्द्र			
58	अन्य सरकारी भवन			
60	जानवरों का विवरण			
		गाय	180	
		बैल	160	
		भैंस	250	
		भैसा	3	
		बकरी	1300	
		भेड़		

		घोड़ा	1	
		गधा		
		खच्चर		
		मुर्गी	150	
		बत्तख		
		अन्य	-	
61	लैण्ड होल्डिंग का विवरण		-	
		मार्जिनल/सीमान्त कृषक	85	
		स्माल/लघु	110	
		मीडियम / मध्यम	40	
		लार्ज / बृहद	10	
		एसेटलेस	5	
		कुल	250	
62	गांव की भूमि का विवरण (हे0)	कुल भौगोलिक	594	
		प्रोजेक्ट एरिया		
		कृषि योग्य भूमि	442.53	
		सिंचित क्षेत्रफल		
		बनीकरण से	62.37	
		चारागाह का क्षेत्रफल	1.19	
		ऊसर का क्षेत्रफल	10.69	
		सामुदायिक भूमि का		
		आबादी से अच्छादित	52.87	
		अन्य	24.35	
63	कृषि भूमि का विवरण (हे0)	एक फसली क्षेत्रफल	178.20	
		द्विफसली क्षेत्रफल	356.4	
		बहुफसली क्षेत्रफल	59.4	
64	फसल चक्र			
		वर्तमान		
		प्रस्तावित		
65	भूमि उपयोग (हे0)	वर्तमान	प्रस्तावित	
a.	Rainfed			
	I. Crops			
	II. Agroforestry			
b.	Irrigated:			
	I. Assured			
	II. Partial			

2	Westland			
a.	Afforstation			
b.	Pasture			
c.	Village land			
Total:				
66	प्रमुख फसल का नाम	बोया गया क्षेत्रफल हे0	उत्पादित प्रति हेक्टेयर (कु0 में)	प्रस्तावित
	धान	0.620	4.83	
	मक्का			
	अरहर	44.253	308.89	
	ऊरद	48.678	201.04	
	मूंग	22.127	43.37	
	ज्वार	5.974	52.93	
	बाजार			
	गेहु	96.427	1268.02	
	गन्ना	2.611	814.61	
	आलू	1.770	398.28	
	सरसों	51.732	196.58	
	चना	79.655	621.31	
	मसूर	53.104	201.26	
67	गांव में पुलिया का विवरण			
	स्थिति		5	
	निर्मित			
	निर्माणाधीन			
	जर्जर			
	नये की आवश्यकता		3	
	गांव में आवागमन के रास्ते			
68	विवरण	लम्बाई कि0मी0 में	मरम्मत की आवश्कता	
	चक रोड	8		
	खड़जा	0.08		
	पिच रोड	500		
	अन्य			
69	गांव में जल निकासी	लम्बाई मी0 में		
	निर्मित	316		
	अर्द्ध निर्मित	2500		
	मरम्मत की आवश्यकता	300		
	नये निर्माण की आवश्कता	500		
70	गांव में निम्न विवरण			

	विवरण	संख्या	सबसे पहले किसने खरीदा/खोला	किस वर्ष में खरीदा
	ट्रैक्टर की संख्या	8		
	दुपहिया वाहन की संख्या	25		
	चार पहिया वाहन की संख्या	3		
	साईकिल की संख्या	200		
	तांगा की संख्या			
	इक्का की संख्या			
	जुगाड़ की संख्या			
	यातायात के अन्य साधन	Tampo 30		
	ठेला गाड़ी			
	भैसा गाड़ी			
	रिक्शा			
	रिक्शा ट्राली	1		
	साईकिल			
	परचून की दुकान	10		
	जनरल मर्चेट	1		
	नाऊ की दुकान	2		
	चाय की दुकान			
	बिसातखाने की दुकान	1		
	हलुवाई की दुकान	1		
	कपड़े की दुकान			
	जूता चप्पल की दुकान			
	खाद की दुकान			
	बीज की दुकान			
	पौध नर्सरी	1		
	अन्य दुकान			
71	गांव में आय के साधन			
	कृषि			
	मजदूरी			
	स्वतः रोजगार			
	अन्य			
72	गांव में माइग्रटेड मजदूरों की संख्या	150		
		वर्तमान	प्रस्तावित	
73	गांव में कुल दुग्ध उत्पादन			
	विवरण	मात्रा लीटर में		
	गाय	25		
	भैस	400		

	बकरी	35		
	अन्य	15		
74	गांव में वृक्षों की संख्या			
	विवरण	संख्या		
	आम	20		
	कटहल	4		
	अमरुद	800		
	बेल	4		
	बेर	40		
	जामुन	4		
	अनार			
	नीबू	10		
	लीची			
	महुआ	16		
	चिलबिल	4		
	ीशम	30		
	साखू			
	सागौन	10		
	यूकैलिप्टस	210		
	बबूल	256		
	गूलर	50		
	नीम	450		
	पीपल	15		
	पाकड़	2		
	अन्य			
75	गांव का अन्य विवरण			
	विवरण	संख्या		
	नाकरी/पेशा से सम्बन्धित	16		
	कारखानों में कार्यरत	15		
	कृषक मजदूर	700		
	प्राइवेट नौकरी में कार्यरत	18		
	स्व रोजगार में लगे			
	मजदूर	1800		
	लोहार	2		
	बढ़ई	3		
	इलेक्ट्रीशियन	2		
	वेलडर	1		
	हैड पम्प मेकैनिक	1		
	डीजल इंजन मेकैनिक	4		

	राजगीर	60		
	प्लम्बर	2		
	ट्रक्टर मिकैनिक	5		
	टयूबेल आपरेटर	2		
	पेंशनभोगी	240		
76	नेता	विधायक/सांसद/मंत्री/अन्य कर्मचारी		
	अध्यापक	5		
	शिक्षामित्र	6		
	इन्जीनियर	1		
	कुषि स्नाातक	15		
	लेखपाल	2		
	प्रमुख त्योहार	त्यौहार का नाम	मनाने का माह	अन्य विवरण
	1	Vijay Dashami	October	
	2	Deepawali	November	
	3	Holi	March	
	4			
	5			
	6			
77	गांव में खना बनाने के लिये ईधन के उपयोग के अनुसार संख्या			
	लकड़ी	250		
	कोयला			
	गोबर का ऊपला/कण्डा			
	फसल के अवशेष	280		
	मिटटी का तेल	20		
	कुकिंग गैस	5		
	अन्य			
78	गांव में बच्चों के टीकाकरण की उपलब्धता	Anganvadi Kendra		
79	गांव में गर्भवती माताओं के टीकाकरण की उपलब्धता	YES		
80	गांव में पशुओं के टीकाकरण की उपलब्धता	YES		
	गांव मे पशु बीमा जानकारी	YES		
	गांव में लोग पशु बीमा कराते हैं	YES		
	गांव में फसल बीमा की जानकारी	YES		
	गांव में लोग फसल बीमा कराते हें	YES		
	गांव में प्रमुख सब्जी का उत्पादन	Brinjal		
81	विवरण	बोया गया क्षं0 है0 में	उत्पादन/हे0	
	आलू	6		
	घुंईयां			
	सूरन			

	फुल गोभी	4		
	पात गोभी	2		
	टमाटर	10		
	शिमला मिर्च			
	हरी मिर्च	1		
	भिण्डी	2		
	परवल			
	बीन्स			
	बैंगन	8		
	कददू	1		
	लौकी	2		
	तरोई	2		
	प्याज	15		
	लहसुन	1		
	हरा साग	1		
	अन्य			
82	गाव में गोबर गैस प्लांट की सं0			
83	गांव में वर्मी कम्पोस्ट पीट की सं0			
84	गांव में पूर्व गठित स्वंय सहायता समूहों की सं0			
85	गांव मे प्रचलित हस्त शिल्प यदि कोई हो			
86	गांव में विगत 7 वर्षो का वर्षा का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	795mm	300mm	
	द्वितीय वर्ष	625mm	625mm	
	तृतीय वर्ष	500mm	350mm	
	चतुर्थ वर्ष	450mm	250mm	
	पंचम वर्ष	650mm	300mm	
	षष्ठम वर्ष	702mm	250mm	
	सप्तम वर्ष	900mm	300mm	
87	गांव में विगत 7 वर्षो का तापमान का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	47	21	
	द्वितीय वर्ष	48	19	
	तृतीय वर्ष	47	22	
	चतुर्थ वर्ष	46	22	
	पंचम वर्ष	48	18	
	षष्ठम वर्ष	47	22	
	सप्तम वर्ष	48	19	

1	ग्राम का नाम – रिच्छा	विकास खण्ड – पनवाड़ी	तहसील– महोबा	जनपद– महोबा
2.	कुल आबादी		2291	
		स्त्री	756	
		पुरुष	893	
		बच्चे	641	
3	सामान्य		458	
		स्त्री	151	
		पुरुष	179	
		बच्चे	128	
4	अनुसूचित जाति		1076.77	
		स्त्री	355	
		पुरुष	420	
		बच्चे	301	
5	अनुसूचित जनजाति			
		स्त्री		
		पुरुष		
		बच्चे		
6	पिछड़ी जाति		687.3	
		स्त्री	227	
		पुरुष	268	
		बच्चे	192	
7	अल्प संख्यक		69	
		स्त्री	23	
		पुरुष	27	
		बच्चे	19	
8	कुल परिवार की संख्या		650	
9	सामान्य		13	
10	अनुसूचित जाति		290	
11	अनुसूचित जन जाति			
12	पिछड़ी जाति		347	
13	अल्प संख्यक			
14	अन्य			
15	गाव में कुल वौटरों की संख्या		1325	
16	गांव में कल मकानों की संख्या		1500	
		पक्के	100	
		अर्द्ध पक्के	350	
		मिटटी के	1000	

		झोपड़ी	50	
		अन्य		
17	इन्दिरा आवास की संख्या		32	
18	शौचालय की संख्या			
		सरकारी योजना में	36	30
		स्वयं का निर्मित	4	
		सामुदायिक	1	1
		अन्य		
19	पेय जल का स्त्रोत			
		हैण्ड पम्प	36	
		सरकारी पम्प		
		कुआं	10	
		अन्य		
20	हैण्ड पम्प की संख्या			
		मार्क–प्प्ट	36	
		देशी		
		अन्य		
21	हेण्उ पम्प का विवरण			
		चालू हैण्ड पम्प की संख्या	30	
		रिबोरिग की आवश्यकता	4	
		डेड	2	
		नये हैण्ड पम्प की आवश्यकता	7	
22	हैण्ड पम्प फाऊंडेशन की स्थिति			
		निर्मित	33	
		अर्द्ध निर्मित	0	
		मरम्मत की आवश्यकता	3	
		नये निर्माण की आवश्यकता	3	
23	जानवरो के पीने का पानी			
		चहरी	5	
		तालाब	2	
		पोखरा		
		अन्य		
24	गांव में बिजली है या नहीं		yes	
25	मकानो की संख्या जहां बिजली है		55	
26	गांव में पानी का जल स्तर			
		कुआं	30'	

		बोरवेल	70'	
27	सिंचाई का साधन			
		कुआं	yes	
		तालाब	yes	
		नहर		
		नाला	yes	
		टयूबेल		
		अन्य		
28	सिंचाइ हेतु कुल बोरिंग			
		सरकारी		
		निजी	80	
29	सिंचाइ हेतु इंजन की संख्या			
		स्वयं का	86	
		किराये का		
30	गांव में टयूबेल की संख्या			
		सरकारी		
		व्यक्तिगत / निजी		
31	गावं में तालाबों की संख्या			
		सामुदायिक	2	
		निजी		
32	तालाबों का विवरण	कुल	2	
		निर्मित	2	
		अर्द्ध निर्मित		
		पुनः निर्माण की आवश्यकता		
		नये निर्माण की आवश्यकता		
33	गांव में कुआं की संख्या			
		चालू	10	
		डेड	3	
34	गांव मे कुओं का उपयेाग			
		पेय जल	yes	
		स्नान	yes	
		घरेलु कार्य	yes	
		जानवरों की लिये	yes	
		सिंचाई		
		अन्य		
35	प्राथमिक स्कूल की संख्या		1	

36	जूनियर स्कूल की संख्या		1	
37	हाई स्कूल			
38	माध्यमिक स्कूल			
39	डिग्री कालेज			
40	आंगनवाड़ी केन्द्र		2	
41	पंचायत घर		1	
42	किसान केन्द्र			
43	सामुदायिक भवन		1	
44	प्राथमिक स्वास्थ्य केन्द्र			
45	निजी चिकित्सालय/चिकित्सक			
46	पशु चिकित्सा केन्द्र			
47	सामुदायिक चबूतरा		1	
48	देवालय		2	
49	मन्दिर		3	
50	मस्जिद			
51	मरघट		2	
52	सीानीय बाजार/मण्डी			
53	पुलिस चौकी			
54	बस स्टेशन			
55	पोस्ट आफिस			
56	किसान सूचना केन्द्र			
57	खाद/बीज वितरण केन्द्र			
58	अन्य सरकारी भवन			
60	जानवरों का विवरण			
		गाय	70	
		बैल	60	
		भैंस	100	
		भैसा	1	
		बकरी	1000	
		भेड़	500	
		घोड़ा	4	
		गधा		
		खच्चर		
		मुर्गी	100	
		बत्तख		
		अन्य	-	

61	लैण्ड होल्डिंग का विवरण		-	
		मार्जिनल/सीमान्त कृषक	50	
		स्माल/लघु	150	
		मीडियम / मध्यम	100	
		लार्ज / बृहद	5	
		एसेटलेस		
		कुल		
62	गांव की भूमि का विवरण (हे0)	कुल भौगोलिक	845	
		प्रोजेक्ट एरिया		
		कृषि योग्य भूमि	629.53	
		सिंचित क्षेत्रफल		
		बनीकरण से	88.73	
		चारागाह का क्षेत्रफल	1.69	
		ऊसर का क्षेत्रफल	15.21	
		सामुदायिक भूमि का		
		आबादी से अच्छादित	75.21	
		अन्य	34.65	
63	कृषि भूमि का विवरण (हे0)	एक फसली क्षेत्रफल	253.50	
		द्विफसली क्षेत्रफल	507	
		बहुफसली क्षेत्रफल	84.5	
64	फसल चक्र			
		वर्तमान		
		प्रस्तावित		
65	भूमि उपयोग (हे0)	वर्तमान	प्रस्तावित	
a.	Rainfed			
	I. Crops			
	II. Agroforestry			
b.	Irrigated:			
	I. Assured			
	II. Partial			
2	Westland			
a.	Afforstation			
b.	Pasture			
c.	Village land			
Total:				
66	प्रमुख फसल का नाम	बोया गया क्षेत्रफल हे0	उत्पादित प्रति हेक्टेयर (कु0 में)	प्रस्तावित

	धान	0.881	6.87	
	मक्का			
	अरहर	62.953	439.41	
	ऊरद	69.248	285.99	
	मूंग	31.476	61.69	
	ज्वार	8.499	75.30	
	बाजार			
	गेहु	137.173	1803.83	
	गन्ना	3.714	1158.83	
	आलू	2.518	566.57	
	सरसों	73.591	279.65	
	चना	113.315	883.85	
	मसूर	75.543	286.31	
67	गांव में पुलिया का विवरण			
	स्थिति	4		
	निर्मित			
	निर्माणाधीन			
	जर्जर	2		
	नये की आवश्यकता	1		
	गांव में आवागमन के रास्ते			
68	विवरण	लम्बाई कि0मी0 में	मरम्मत की आवश्कता	
	चक रोड	1		
	खड़जा	0.08		
	पिच रोड	0.58		
	अन्य			
69	गांव में जल निकासी	लम्बाई मी0 में		
	निर्मित			
	अर्द्ध निर्मित			
	मरम्मत की आवश्यकता			
	नये निर्माण की आवश्कता	100		
70	गांव में निम्न विवरण			
	विवरण	संख्या	सबसे पहले किसने खरीदा/खोला	किस वर्ष मं खरीदा
	ट्रैक्टर की संख्या	18		
	दुपहिया वाहन की संख्या	35		
	चार पहिया वाहन की संख्या	4		
	साईकिल की संख्या	45		
	तांगा की संख्या			
	इक्का की संख्या			

	जुगाड़ की संख्या			
	यातायात के अन्य साधन	Tampo 4		
	ठेला गाड़ी			
	भैसा गाड़ी			
	रिक्शा			
	रिक्शा ट्राली	1		
	साईकिल			
	परचून की दुकान	2		
	जनरल मर्चेंट	1		
	नाऊ की दुकान	2		
	चाय की दुकान			
	बिसातखाने की दुकान	1		
	हलुवाई की दुकान	1		
	कपड़े की दुकान			
	जूता चप्पल की दुकान			
	खाद की दुकान			
	बीज की दुकान			
	पौध नर्सरी	1		
	अन्य दुकान			
71	गांव में आय के साधन			
	कृषि			
	मजदूरी			
	स्वतः रोजगार			
	अन्य			
72	गांव में माइग्रटेड मजदूरों की संख्या	300		
		वर्तमान	प्रस्तावित	
73	गांव में कुल दुग्ध उत्पादन			
	विवरण	मात्रा लीटर में		
	गाय	35		
	भैस	1000		
	बकरी	500		
	अन्य			
74	गांव में वृक्षों की संख्या			
	विवरण	संख्या		
	आम	15		
	कटहल			
	अमरुद	5		
	बेल			

	बेर	1200		
	जामुन	15		
	अनार			
	नीबू	32		
	लीची			
	महुआ	125		
	चिलबिल			
	ीशम	440		
	साखू	100		
	सागौन			
	यूकैलिप्टस	325		
	बबूल	1000		
	गूलर	50		
	नीम	450		
	पीपल	15		
	पाकड़	2		
	अन्य			
75	गांव का अन्य विवरण			
	विवरण	संख्या		
	नाकरी/पेशा से सम्बन्धित	5		
	कारखानों में कार्यरत			
	कृषक मजदूर			
	प्राइवेट नौकरी में कार्यरत			
	स्व रोजगार में लगे			
	मजदूर	1800		
	लोहार			
	बढ़ई	2		
	इलेक्ट्रीशियन			
	वेलडर			
	हैड पम्प मेकैनिक	1		
	डीजल इंजन मेकैनिक	1		
	राजगीर	7		
	प्लम्बर			
	ट्रक्टर मिकैनिक			
	टयूबेल आपरेटर			
	पेंशनभोगी	200		
76	नेता	विधायक/सांसद/मंत्री/अन्य कर्मचारी		
	अध्यापक	1		

	शिक्षामित्र	2		
	इन्जीनियर			
	कुषि स्नाातक	2		
	लेखपाल			
	प्रमुख त्योहार	त्यौहार का नाम	मनाने का माह	अन्य विवरण
	1	Vijay Dashami	October	
	2	Deepawali	November	
	3	Holi	March	
	4			
	5			
	6			
77	गांव में खना बनाने के लिये ईधन के उपयोग के अनुसार संख्या			
	लकड़ी	250		
	कोयला			
	गोबर का ऊपला/कण्डा			
	फसल के अवशेष	280		
	मिटटी का तेल	20		
	कुकिंग गैस	5		
	अन्य			
78	गांव में बच्चों के टीकाकरण की उपलब्धता	Anganvadi Kendra		
79	गांव में गर्भवती माताओं के टीकाकरण की उपलब्धता	YES		
80	गांव में पशुओं के टीकाकरण की उपलब्धता	YES		
	गांव मे पशु बीमा जानकारी	YES		
	गांव में लोग पशु बीमा कराते हैं	YES		
	गांव में फसल बीमा की जानकारी	YES		
	गांव में लोग फसल बीमा कराते हें	YES		
	गांव में प्रमुख सब्जी का उत्पादन	Brinjal		
81	विवरण	बोया गया क्षं0 है0 में	उत्पादन/हे0	
	आलू	6		
	घुईयां			
	सूरन			
	फुल गोभी	4		
	पात गोभी	2		
	टमाटर	10		
	शिमला मिर्च			
	हरी मिर्च	1		
	भिण्डी	2		
	परवल			

	बीन्स			
	बैंगन	8		
	कददू	1		
	लौकी	2		
	तरोई	2		
	प्याज	15		
	लहसुन	1		
	हरा साग	1		
	अन्य			
82	गाव में गोबर गैस प्लांट की सं0			
83	गांव में वर्मी कम्पोस्ट पीट की सं0			
84	गांव में पूर्व गठित स्वंय सहायता समूहों की सं0			
85	गांव मे प्रचलित हस्त शिल्प यदि कोई हो			
86	गांव में विगत 7 वर्षो का वर्षा का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	795mm	300mm	
	द्वितीय वर्ष	625mm	625mm	
	तृतीय वर्ष	500mm	350mm	
	चतुर्थ वर्ष	450mm	250mm	
	पंचम वर्ष	650mm	300mm	
	षष्ठम वर्ष	702mm	250mm	
	सप्तम वर्ष	900mm	300mm	
87	गांव में विगत 7 वर्षो का तापमान का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	47	21	
	द्वितीय वर्ष	48	19	
	तृतीय वर्ष	47	22	
	चतुर्थ वर्ष	46	22	
	पंचम वर्ष	48	18	
	षष्ठम वर्ष	47	22	
	सप्तम वर्ष	48	19	

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत प्राथमिक सर्वेक्षण

1	ग्राम का नाम – महुआ इटौरा	विकास खण्ड –पनवाडी	तहसील– महोबा	जनपद– महोबा
2.	कुल आबादी		2595	
		स्त्री	856	
		पुरुष	1012	
		बच्चे	727	

3	सामान्य		1204	
		स्त्री	397	
		पुरुष	470	
		बच्चे	337	
4	अनुसूचित जाति		535	
		स्त्री	176	
		पुरुष	208	
		बच्चे	150	
5	अनुसूचित जनजाति			
		स्त्री		
		पुरुष		
		बच्चे		
6	पिछड़ी जाति		779	
		स्त्री	257	
		पुरुष	304	
		बच्चे	218	
7	अल्प संख्यक		78	
		स्त्री	26	
		पुरुष	30	
		बच्चे	22	
8	कुल परिवार की संख्या		471	
9	सामान्य		219	
10	अनुसूचित जाति		97	
11	अनुसूचित जन जाति		0	
12	पिछड़ी जाति		141	
13	अल्प संख्यक		0	
14	अन्य		14	
15	गाव में कुल वौटरों की संख्या		530	
16	गांव में कल मकानों की संख्या			
		पक्के	150	
		अर्द्ध पक्के	500	
		मिटटी के	1000	
		झोपड़ी	100	
		अन्य		
17	इन्दिरा आवास की संख्या		90	
18	शौचालय की संख्या			

		सरकारी योजना में	30	30
		स्वयं का निर्मित	50	
		सामुदायिक		1
		अन्य		
19	पेय जल का स्त्रोत			
		हैण्ड पम्प	29	
		सरकारी पम्प	10	
		कुआं	5	
		अन्य		
20	हैण्ड पम्प की संख्या			
		मार्क–प्प्ध्प्ट	29	
		देशी		
		अन्य		
21	हेण्उ पम्प का विवरण			
		चालू हैण्ड पम्प की संख्या	29	
		रिबोरिग की आवश्यकता		
		डेड		
		नये हैण्ड पम्प की आवश्यकता	10	
22	हैण्ड पम्प फाऊंडेशन की स्थिति			
		निर्मित	25	
		अर्द्ध निर्मित	0	
		मरम्मत की आवश्यकता	4	
		नये निर्माण की आवश्यकता	0	
23	जानवरो के पीने का पानी			
		चहरी	1	
		तालाब	1	
		पोखरा		
		अन्य		
24	गांव में बिजली है या नहीं		no	
25	मकानो की संख्या जहां बिजली है			
26	गांव में पानी का जल स्तर			
		कुआं	40'	
		बोरवेल		
27	सिंचाई का साधन			
		कुआं	yes	
		तालाब	yes	

		नहर		
		नाला	yes	
		टयूबेल		
		अन्य		
28	सिंचाइ हेतु कुल बोरिंग			
		सरकारी		
		निजी	40	
29	सिंचाइ हेतु इंजन की संख्या			
		स्वयं का	45	
		किराये का		
30	गांव में टयूबेल की संख्या			
		सरकारी		
		व्यक्तिगत / निजी		
31	गावं में तालाबों की संख्या			
		सामुदायिक	1	
		निजी		
32	तालाबों का विवरण	कुल		
		निर्मित		
		अर्द्ध निर्मित	1	
		पुनः निर्माण की आवश्यकता		
		नये निर्माण की आवश्यकता	1	
33	गांव में कुआं की संख्या			
		चालू	8	
		डेड	1	
34	गांव मे कुओं का उपयेाग			
		पेय जल	yes	
		स्नान	yes	
		घरेलु कार्य	yes	
		जानवरों की लिये	yes	
		सिंचाई		
		अन्य		
35	प्राथमिक स्कूल की संख्या		1	
36	जूनियर स्कूल की संख्या		1	
37	हाई स्कूल		1	
38	माध्यमिक स्कूल			
39	डिग्री कालेज			

40	आंगनवाड़ी केन्द्र		2	
41	पंचायत घर			
42	किसान केन्द्र			
43	सामुदायिक भवन		1	
44	प्राथमिक स्वास्थ्य केन्द्र			
45	निजी चिकित्सालय/चिकित्सक			
46	पशु चिकित्सा केन्द्र			
47	सामुदायिक चबूतरा		1	
48	देवालय		5	
49	मन्दिर		5	
50	मस्जिद		1	
51	मरघट		2	
52	सीानीय बाजार/मण्डी		1	
53	पुलिस चौकी			
54	बस स्टेशन		1	
55	पोस्ट आफिस			
56	किसान सूचना केन्द्र			
57	खाद/बीज वितरण केन्द्र			
58	अन्य सरकारी भवन			
60	जानवरों का विवरण			
		गाय	250	
		बैल	200	
		भैंस	350	
		भैसा	5	
		बकरी	1200	
		भेड़	400	
		घोड़ा	5	
		गधा	35	
		खच्चर	80	
		मुर्गी	200	
		बत्तख	10	
		अन्य	-	
61	लैण्ड होल्डिंग का विवरण		-	
		मार्जिनल/सीमान्त कृषक	102	
		स्माल/लघु	210	
		मीडियम / मध्यम		

		लार्ज / बृहद	88	
		एसेटलेस	3	
		कुल	403	
62	गांव की भूमि का विवरण (हे0)	कुल भौगोलिक	517	
		प्रोजेक्ट एरिया		
		कृषि योग्य भूमि	385.17	
		सिंचित क्षेत्रफल		
		बनीकरण से	54.29	
		चारागाह का क्षेत्रफल	1.03	
		ऊसर का क्षेत्रफल	9.31	
		सामुदायिक भूमि का		
		आबादी से अच्छादित	46.01	
		अन्य	21.20	
63	कृषि भूमि का विवरण (हे0)	एक फसली क्षेत्रफल	155.10	
		द्विफसली क्षेत्रफल	310.2	
		बहुफसली क्षेत्रफल	51.7	
64	फसल चक्र			
		वर्तमान		
		प्रस्तावित		
65	भूमि उपयोग (हे0)	वर्तमान	प्रस्तावित	
a.	Rainfed			
	I. Crops			
	II. Agroforestry			
b.	Irrigated:			
	I. Assured			
	II. Partial			
2	Westland			
a.	Afforstation			
b.	Pasture			
c.	Village land			
Total:				
66	प्रमुख फसल का नाम	बोया गया क्षेत्रफल हे0	उत्पादित प्रति हेक्टेयर (कु0 में)	प्रस्तावित
	धान	0.539	4.21	
	मक्का			
	अरहर	38.517	268.85	
	ऊरद	42.368	174.98	

	मूंग	19.258	37.75	
	ज्वार	5.200	46.07	
	बाजार			
	गेहु	83.927	1103.65	
	गन्ना	2.272	709.01	
	आलू	1.541	346.65	
	सरसों	45.026	171.10	
	चना	69.330	540.77	
	मसूर	46.220	175.17	
67	गांव में पुलिया का विवरण			
	स्थिति		5	
	निर्मित			
	निर्माणाधीन			
	जर्जर			
	नये की आवश्यकता		3	
	गांव में आवागमन के रास्ते			
68	विवरण	लम्बाई कि0मी0 में	मरम्मत की आवश्कता	
	चक रोड	8		
	खड़जा	0.08		
	पिच रोड	500		
	अन्य			
69	गांव में जल निकासी	लम्बाई मी0 में		
	निर्मित	316		
	अर्द्ध निर्मित	2500		
	मरम्मत की आवश्यकता	300		
	नये निर्माण की आवश्कता	500		
70	गांव में निम्न विवरण			
	विवरण	संख्या	सबसे पहले किसने खरीदा/खोला	किस वर्ष मं खरीदा
	ट्रैक्टर की संख्या	30		
	दुपहिया वाहन की संख्या	40		
	चार पहिया वाहन की संख्या	25		
	साईकिल की संख्या	250		
	तांगा की संख्या			
	इक्का की संख्या			
	जुगाड़ की संख्या			
	यातायात के अन्य साधन	Tampo 30		
	ठेला गाड़ी			

	भैसा गाड़ी			
	रिक्शा			
	रिक्शा ट्राली	1		
	साईकिल			
	परचून की दुकान	5		
	जनरल मर्चेट	1		
	नाऊ की दुकान	2		
	चाय की दुकान			
	बिसातखाने की दुकान	1		
	हलुवाई की दुकान	1		
	कपड़े की दुकान			
	जूता चप्पल की दुकान			
	खाद की दुकान			
	बीज की दुकान			
	पौध नर्सरी	1		
	अन्य दुकान			
71	गांव में आय के साधन			
	कृषि			
	मजदूरी			
	स्वतः रोजगार			
	अन्य			
72	गांव में माइग्रटेड मजदूरें की संख्या	800		
		वर्तमान	प्रस्तावित	
73	गांव में कुल दुग्ध उत्पादन			
	विवरण	मात्रा लीटर में		
	गाय	45		
	भैस	300		
	बकरी	60		
	अन्य	15		
74	गांव में वृक्षों की संख्या			
	विवरण	संख्या		
	आम	24		
	कटहल	4		
	अमरुद	10		
	बेल	4		
	बेर	40		
	जामुन	4		
	अनार			

	नीबू	10		
	लीची			
	महुआ	20		
	चिलबिल	4		
	ाशम	440		
	साखू	100		
	सागौन	2500		
	यूकैलिप्टस	325		
	बबूल	256		
	गूलर	50		
	नीम	450		
	पीपल	15		
	पाकड़	2		
	अन्य			
75	गांव का अन्य विवरण			
	विवरण	संख्या		
	नाकरी/पेशा से सम्बन्धित	16		
	कारखानों में कार्यरत	15		
	कृषक मजदूर	700		
	प्राइवेट नौकरी में कार्यरत	18		
	स्व रोजगार में लगे			
	मजदूर	1800		
	लोहार	2		
	बढ़ई	3		
	इलेक्ट्रीशियन	2		
	वेलडर	1		
	हैड पम्प मेकैनिक	1		
	डीजल इंजन मेकैनिक	4		
	राजगीर	60		
	प्लम्बर	2		
	ट्रक्टर मिकैनिक	5		
	टयूबेल आपरेटर	2		
	पेंशनभोगी	240		
76	नेता	विधायक/सांसद/मंत्री/अन्य कर्मचारी		
	अध्यापक	5		
	शिक्षामित्र	6		
	इन्जीनियर	1		
	कुषि स्नाातक	15		
	लेखपाल	2		

	प्रमुख त्योहार	त्यौहार का नाम	मनाने का माह	अन्य विवरण
	1	Vijay Dashami	October	
	2	Deepawali	November	
	3	Holi	March	
	4			
	5			
	6			
77	गांव में खना बनाने के लिये ईधन के उपयोग के अनुसार संख्या			
	लकड़ी	250		
	कोयला			
	गोबर का ऊपला/कण्डा			
	फसल के अवशेष	280		
	मिटटी का तेल	20		
	कुकिंग गैस	5		
	अन्य			
78	गांव में बच्चों के टीकाकरण की उपलब्धता	Anganvadi Kendra		
79	गांव में गर्भवती माताओं के टीकाकरण की उपलब्धता	YES		
80	गांव में पशुओं के टीकाकरण की उपलब्धता	YES		
	गांव मे पशु बीमा जानकारी	YES		
	गांव में लोग पशु बीमा कराते हैं	YES		
	गांव में फसल बीमा की जानकारी	YES		
	गांव में लोग फसल बीमा कराते हें	YES		
	गांव में प्रमुख सब्जी का उत्पादन	Brinjal		
81	विवरण	बोया गया क्षं0 है0 में	उत्पादन/हे0	
	आलू	8		
	घुईयां			
	सूरन			
	फुल गोभी	5		
	पात गोभी	2		
	टमाटर	10		
	शिमला मिर्च			
	हरी मिर्च	1		
	भिण्डी	2		
	परवल			
	बीन्स			
	बैंगन	10		
	कददू	1		

	लौकी	2		
	तरोई	2		
	प्याज	12		
	लहसुन	1		
	हरा साग	1		
	अन्य			
82	गाव में गोबर गैस प्लांट की सं0			
83	गांव में वर्मी कम्पोस्ट पीट की सं0			
84	गांव में पूर्व गठित स्वंय सहायता समूहों की सं0			
85	गांव मे प्रचलित हस्त शिल्प यदि कोई हो			
86	गांव में विगत 7 वर्षो का वर्षा का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	795mm	300mm	
	द्वितीय वर्ष	625mm	625mm	
	तृतीय वर्ष	500mm	350mm	
	चतुर्थ वर्ष	450mm	250mm	
	पंचम वर्ष	650mm	300mm	
	षष्ठम वर्ष	702mm	250mm	
	सप्तम वर्ष	900mm	300mm	
87	गांव में विगत 7 वर्षो का तापमान का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	47	21	
	द्वितीय वर्ष	48	19	
	तृतीय वर्ष	47	22	
	चतुर्थ वर्ष	46	22	
	पंचम वर्ष	48	18	
	षष्ठम वर्ष	47	22	
	सप्तम वर्ष	48	19	

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत प्राथमिक सर्वेक्षण

1	ग्राम का नाम – गगौरा	विकास खण्ड – पनवाड़ी	तहसील– महोबा	जनपद– महोबा
2.	कुल आबादी		1529	
		स्त्री	505	
		पुरुष	596	
		बच्चे	428	
3	सामान्य		719	
		स्त्री	237	
		पुरुष	280	
		बच्चे	201	

4	अनुसूचित जाति		306	
		स्त्री	101	
		पुरुष	119	
		बच्चे	86	
5	अनुसूचित जनजाति			
		स्त्री		
		पुरुष		
		बच्चे		
6	पिछड़ी जाति		505	
		स्त्री	167	
		पुरुष	197	
		बच्चे	141	
7	अल्प संख्यक		0	
		स्त्री	0	
		पुरुष	0	
		बच्चे	0	
8	कुल परिवार की संख्या		244	
9	सामान्य		115	
10	अनुसूचित जाति		488	
11	अनुसूचित जन जाति		0	
12	पिछड़ी जाति		81	
13	अल्प संख्यक		0	
14	अन्य		0	
15	गाव में कुल वौटरों की संख्या		1300	
16	गांव में कल मकानों की संख्या		254	
		पक्के	60	
		अर्द्ध पक्के	40	
		मिटटी के	154	
		झोपड़ी		
		अन्य		
17	इन्दिरा आवास की संख्या		60	
18	शौचालय की संख्या			
		सरकारी योजना में	70	30
		स्वयं का निर्मित	50	
		सामुदायिक		1
		अन्य		

19	पेय जल का स्त्रोत			
		हैण्ड पम्प	28	
		सरकारी पम्प	1	
		कुआं	4	
		अन्य		
20	हैण्ड पम्प की संख्या			
		मार्क–प्प्ध्प्ट	28	
		देशी		
		अन्य		
21	हेण्उ पम्प का विवरण			
		चालू हैण्ड पम्प की संख्या	22	
		रिबोरिग की आवश्यकता	2	
		डेड	4	
		नये हैण्ड पम्प की आवश्यकता	6	
22	हैण्ड पम्प फाऊंडेशन की स्थिति			
		निर्मित	28	
		अर्द्ध निर्मित	0	
		मरम्मत की आवश्यकता	4	
		नये निर्माण की आवश्यकता	0	
23	जानवरो के पीने का पानी			
		चहरी		
		तालाब	4	
		पोखरा		
		अन्य		
24	गांव में बिजली है या नहीं		YES	
25	मकानो की संख्या जहां बिजली है		65	
26	गांव में पानी का जल स्तर			
		कुआं	30'	
		बोरवेल	70'	
27	सिंचाई का साधन			
		कुआं	yes	
		तालाब	yes	
		नहर		
		नाला	yes	
		टयूबेल		
		अन्य		

28	सिंचाइ हेतु कुल बोरिंग			
		सरकारी		
		निजी	15	
29	सिंचाइ हेतु इंजन की संख्या			
		स्वयं का	15	
		किराये का		
30	गांव में टयूबेल की संख्या			
		सरकारी		
		व्यक्तिगत / निजी		
31	गावं में तालाबों की संख्या			
		सामुदायिक	4	
		निजी		
32	तालाबों का विवरण	कुल		
		निर्मित	1	
		अर्द्ध निर्मित	2	
		पुनः निर्माण की आवश्यकता		
		नये निर्माण की आवश्यकता		
33	गांव में कुआं की संख्या			
		चालू	45	
		डेड	14	
34	गांव मे ंकुओं का उपयेाग			
		पेय जल	yes	
		स्नान	yes	
		घरेलु कार्य	yes	
		जानवरों की लिये	yes	
		सिंचाई		
		अन्य		
35	प्राथमिक स्कूल की संख्या		2	
36	जूनियर स्कूल की संख्या		2	
37	हाई स्कूल			
38	माध्यमिक स्कूल			
39	डिग्री कालेज			
40	आंगनवाड़ी केन्द्र		2	
41	पंचायत घर		1	
42	किसान केन्द्र			
43	सामुदायिक भवन			

44	प्राथमिक स्वास्थ्य केन्द्र			
45	निजी चिकित्सालय/चिकित्सक			
46	पशु चिकित्सा केन्द्र			
47	सामुदायिक चबूतरा		2	
48	देवालय		4	
49	मन्दिर		1	
50	मस्जिद			
51	मरघट		2	
52	सीानीय बाजार/मण्डी			
53	पुलिस चौकी			
54	बस स्टेशन			
55	पोस्ट आफिस			
56	किसान सूचना केन्द्र			
57	खाद/बीज वितरण केन्द्र			
58	अन्य सरकारी भवन			
60	जानवरों का विवरण			
		गाय	150	
		बैल	100	
		भैंस	130	
		भैसा	0	
		बकरी	500	
		भेड़	0	
		घोड़ा	1	
		गधा	0	
		खच्चर	0	
		मुर्गी	50	
		बत्तख	10	
		अन्य	-	
61	लैण्ड होल्डिंग का विवरण		-	
		मार्जिनल/सीमान्त कृषक	60	
		स्माल/लघु	100	
		मीडियम / मध्यम	125	
		लार्ज / बृहद	20	
		एसेटलेस		
		कुल	305	
62	गांव की भूमि का विवरण (हे0)	कुल भौगोलिक	356	

		प्रोजेक्ट एरिया		
		कृषि योग्य भूमि	265.22	
		सिंचित क्षेत्रफल		
		बनीकरण से	37.38	
		चारागाह का क्षेत्रफल	0.71	
		ऊसर का क्षेत्रफल	6.41	
		सामुदायिक भूमि का		
		आबादी से अच्छादित	31.68	
		अन्य	14.60	
63	कृषि भूमि का विवरण (हे0)	एक फसली क्षेत्रफल	106.80	
		द्विफसली क्षेत्रफल	213.6	
		बहुफसली क्षेत्रफल	35.6	
64	फसल चक्र			
		वर्तमान		
		प्रस्तावित		
65	भूमि उपयोग (हे0)	वर्तमान	प्रस्तावित	
a.	Rainfed			
	I. Crops			
	II. Agroforestry			
b.	Irrigated:			
	I. Assured			
	II. Partial			
2	Westland			
a.	Afforstation			
b.	Pasture			
c.	Village land			
Total:				
66	प्रमुख फसल का नाम	बोया गया क्षेत्रफल हे0	उत्पादित प्रति हेक्टेयर (कु0 में)	प्रस्तावित
	धान	0.371	2.90	
	मक्का			
	अरहर	26.522	185.12	
	ऊरद	29.174	120.49	
	मूंग	13.261	25.99	
	ज्वार	3.580	31.72	
	बाजार			
	गेहु	57.791	759.96	

	गन्ना	1.565	488.22	
	आलू	1.061	238.70	
	सरसों	31.004	117.82	
	चना	47.740	372.37	
	मसूर	31.826	120.62	
67	गांव में पुलिया का विवरण			
	स्थिति		2	
	निर्मित			
	निर्माणाधीन			
	जर्जर			
	नये की आवश्यकता		3	
	गांव में आवागमन के रास्ते			
68	विवरण	लम्बाई कि0मी0 में	मरम्मत की आवश्कता	
	चक रोड	11		
	खड़जा	0.5		
	पिच रोड	0.3		
	अन्य			
69	गांव में जल निकासी	लम्बाई मी0 में		
	निर्मित	140		
	अर्द्ध निर्मित			
	मरम्मत की आवश्यकता			
	नये निर्माण की आवश्कता	500		
70	गांव में निम्न विवरण			
	विवरण	संख्या	सबसे पहले किसने खरीदा/खोला	किस वर्ष मे खरीदा
	ट्रैक्टर की संख्या	11		
	दुपहिया वाहन की संख्या	25		
	चार पहिया वाहन की संख्या	4		
	साईकिल की संख्या	125		
	तांगा की संख्या	2		
	इक्का की संख्या	4		
	जुगाड़ की संख्या			
	यातायात के अन्य साधन			
	ठेला गाड़ी			
	भैसा गाड़ी			
	रिक्शा			
	रिक्शा ट्राली			
	साईकिल			

	परचून की दुकान			
	जनरल मर्चेंट			
	नाऊ की दुकान			
	चाय की दुकान			
	बिसातखाने की दुकान			
	हलुवाई की दुकान			
	कपड़े की दुकान			
	जूता चप्पल की दुकान			
	खाद की दुकान			
	बीज की दुकान			
	पौध नर्सरी	1		
	अन्य दुकान			
71	गांव में आय के साधन			
	कृषि	60%		
	मजदूरी	40%		
	स्वतः रोजगार	0%		
	अन्य			
72	गांव में माइग्रटेड मजदूरें की संख्या	210		
		वर्तमान	प्रस्तावित	
73	गांव में कुल दुग्ध उत्पादन			
	विवरण	मात्रा लीटर में		
	गाय	200		
	भैस	500		
	बकरी	250		
	अन्य			
74	गांव में वृक्षों की संख्या			
	विवरण	संख्या		
	आम	110		
	कटहल	5		
	अमरुद	60		
	बेल			
	बेर	90		
	जामुन	30		
	अनार			
	नीबू	300		
	लीची			
	महुआ	200		
	चिलबिल	4		

	ीशम	60		
	साखू	50		
	सागौन	25		
	यूकैलिप्टस	180		
	बबूल	600		
	गूलर	5		
	नीम	200		
	पीपल	8		
	पाकड़			
	अन्य			
75	गांव का अन्य विवरण			
	विवरण	संख्या		
	नाकरी/पेशा से सम्बन्धित	2		
	कारखानों में कार्यरत			
	कृषक मजदूर	50		
	प्राइवेट नौकरी में कार्यरत	17		
	स्व रोजगार में लगे			
	मजदूर	450		
	लोहार			
	बढ़ई			
	इलेक्ट्रीशियन	0		
	वेलडर	0		
	हैड पम्प मेकैनिक	0		
	डीजल इंजन मेकैनिक	0		
	राजगीर	4		
	प्लम्बर	2		
	ट्रक्टर मिकैनिक	5		
	टयूबेल आपरेटर	2		
	पेंशनभोगी	90		
76	नेता	विधायक/सांसद/मंत्री/अन्य कर्मचारी		
	अध्यापक	2		
	शिक्षामित्र	2		
	इन्जीनियर			
	कुषि स्नाातक	2		
	लेखपाल			
	प्रमुख त्योहार	त्यौहार का नाम	मनाने का माह	अन्य विवरण
	1	Vijay Dashami	October	
	2	Deepawali	November	
	3	Holi	March	

	4			
	5			
	6			
77	गांव में खना बनाने के लिये ईधन के उपयोग के अनुसार संख्या			
	लकड़ी	300		
	कोयला			
	गोबर का ऊपला/कण्डा			
	फसल के अवशेष	270		
	मिटटी का तेल	50		
	कुकिंग गैस	16		
	अन्य			
78	गांव में बच्चों के टीकाकरण की उपलब्धता	Anganvadi Kendra		
79	गांव में गर्भवती माताओं के टीकाकरण की उपलब्धता	YES		
80	गांव में पशुओं के टीकाकरण की उपलब्धता	YES		
	गांव मे पशु बीमा जानकारी	YES		
	गांव में लोग पशु बीमा कराते हैं	YES		
	गांव में फसल बीमा की जानकारी	YES		
	गांव में लोग फसल बीमा कराते हें	YES		
	गांव में प्रमुख सब्जी का उत्पादन	Brinjal		
81	विवरण	बोया गया क्षं0 है0 में	उत्पादन/हे0	
	आलू	10		
	घुंईयां			
	सूरन			
	फुल गोभी	5		
	पात गोभी	2		
	टमाटर	10		
	शिमला मिर्च			
	हरी मिर्च	1		
	भिण्डी	2		
	परवल			
	बीन्स			
	बैंगन	10		
	कददू	1		
	लौकी	2		
	तरोई	2		
	प्याज	10		
	लहसुन	1		

	हरा साग	1		
	अन्य			
82	गाव में गोबर गैस प्लांट की सं0	2		
83	गांव में वर्मी कम्पोस्ट पीट की सं0	1		
84	गांव में पूर्व गठित स्वंय सहायता समूहों की सं0			
85	गांव मे प्रचलित हस्त शिल्प यदि कोई हो			
86	गांव में विगत 7 वर्षो का वर्षा का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	795mm	300mm	
	द्वितीय वर्ष	625mm	625mm	
	तृतीय वर्ष	500mm	350mm	
	चतुर्थ वर्ष	450mm	250mm	
	पंचम वर्ष	650mm	300mm	
	षष्ठम वर्ष	702mm	250mm	
	सप्तम वर्ष	900mm	300mm	
87	गांव में विगत 7 वर्षो का तापमान का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	47	21	
	द्वितीय वर्ष	48	19	
	तृतीय वर्ष	47	22	
	चतुर्थ वर्ष	46	22	
	पंचम वर्ष	48	18	
	षष्ठम वर्ष	47	22	
	सप्तम वर्ष	48	19	

आई0डब्ल्यू0एम0पी0 योजनान्तर्गत प्राथमिक सर्वेक्षण

1	ग्राम का नाम – सुगिरा	विकास खण्ड – पनवाड़ी	तहसील– महोबा	जनपद– महोबा
2.	कुल आबादी		8066	
		स्त्री	2662	
		पुरुष	3146	
		बच्चे	2258	
3	सामान्य		3759	
		स्त्री	1240	
		पुरुष	1466	
		बच्चे	1052	
4	अनुसूचित जाति		1645	
		स्त्री	543	
		पुरुष	642	
		बच्चे	461	

5	अनुसूचित जनजाति			
		स्त्री		
		पुरुष		
		बच्चे		
6	पिछड़ी जाति		2420	
		स्त्री	799	
		पुरुष	944	
		बच्चे	678	
7	अल्प संख्यक		242	
		स्त्री	80	
		पुरुष	94	
		बच्चे	68	
8	कुल परिवार की संख्या		2500	
9	सामान्य		1175	
10	अनुसूचित जाति		500	
11	अनुसूचित जन जाति		0	
12	पिछड़ी जाति		750	
13	अल्प संख्यक		0	
14	अन्य		75	
15	गाव में कुल वौटरों की संख्या		5700	
16	गांव में कल मकानों की संख्या		5000	
		पक्के	500	
		अर्द्ध पक्के	3000	
		मिटटी के	1500	
		झोपड़ी		
		अन्य		
17	इन्दिरा आवास की संख्या		82	
18	शौचालय की संख्या			
		सरकारी योजना में	206	30
		स्वयं का निर्मित	152	
		सामुदायिक	1	
		अन्य		
19	पेय जल का स्त्रोत			
		हैण्ड पम्प	102	2
		सरकारी पम्प	1	
		कुआं	360	

		अन्य		
20	हैण्ड पम्प की संख्या			
		मार्क–प्ध्प्ट	102	
		देशी		
		अन्य		
21	हेण्उ पम्प का विवरण			
		चालू हैण्ड पम्प की संख्या	95	
		रिबोरिग की आवश्यकता	5	
		डेड	2	
		नये हैण्ड पम्प की आवश्यकता	6	
22	हैण्ड पम्प फाऊंडेशन की स्थिति			
		निर्मित	100	
		अर्द्ध निर्मित		
		मरम्मत की आवश्यकता	2	
		नये निर्माण की आवश्यकता		
23	जानवरो के पीने का पानी			
		चहरी	1	
		तालाब	3	
		पोखरा	2	
		अन्य		
24	गांव में बिजली है या नहीं		yes	
25	मकानो की संख्या जहां बिजली है		900	
26	गांव में पानी का जल स्तर			
		कुआं	30'	
		बोरवेल	50'	
27	सिंचाई का साधन			
		कुआं	yes	
		तालाब	yes	
		नहर		
		नाला	yes	
		टयूबेल		
		अन्य		
28	सिंचाइ हेतु कुल बोरिग			
		सरकारी		
		निजी	15	
29	सिंचाइ हेतु इंजन की संख्या			

		स्वयं का	250	
		किराये का		
30	गांव में टयूबेल की संख्या			
		सरकारी		
		व्यक्तिगत / निजी		
31	गावं में तालाबों की संख्या			
		सामुदायिक	2	
		निजी	1	
32	तालाबों का विवरण	कुल	3	
		निर्मित	2	
		अर्द्ध निर्मित	1	
		पुनः निर्माण की आवश्यकता		
		नये निर्माण की आवश्यकता	1	
33	गांव में कुआं की संख्या			
		चालू	359	
		डेड	1	
34	गांव मे ंकुओं का उपयेाग			
		पेय जल	yes	
		स्नान	yes	
		घरेलु कार्य	yes	
		जानवरों की लिये	yes	
		सिंचाई		
		अन्य		
35	प्राथमिक स्कूल की संख्या		3	
36	जूनियर स्कूल की संख्या		2	
37	हाई स्कूल		1	
38	माध्यमिक स्कूल			
39	डिग्री कालेज			
40	आंगनवाड़ी केन्द्र		4	
41	पंचायत घर		1	
42	किसान केन्द्र			
43	सामुदायिक भवन		1	
44	प्राथमिक स्वास्थ्य केन्द्र		1	
45	निजी चिकित्सालय/चिकित्सक		4	
46	पशु चिकित्सा केन्द्र			
47	सामुदायिक चबूतरा		5	

48	देवालय		15	
49	मन्दिर		5	
50	मस्जिद		1	
51	मरघट		6	
52	सीानीय बाजार/मण्डी		3	
53	पुलिस चौकी		1	
54	बस स्टेशन		1	
55	पोस्ट आफिस		1	
56	किसान सूचना केन्द्र			
57	खाद/बीज वितरण केन्द्र			
58	अन्य सरकारी भवन			
60	जानवरों का विवरण			
		गाय	398	
		बैल	200	
		भैंस	1000	
		भैसा	4	
		बकरी	2200	
		भेड़	250	
		घोड़ा	4	
		गधा		
		खच्चर	30	
		मुर्गी	800	
		बत्तख	10	
		अन्य	-	
61	लैण्ड होल्डिंग का विवरण		-	
		मार्जिनल/सीमान्त कृषक	996	
		स्माल/लघु	1500	
		मीडियम / मध्यम	2403	
		लार्ज / बृहद	500	
		एसेटलेस	3601	
		कुल	9000	
62	गांव की भूमि का विवरण (हे0)	कुल भौगोलिक	902.00	
		प्रोजेक्ट एरिया		
		कृषि योग्य भूमि	671.99	
		सिंचित क्षेत्रफल		
		बनीकरण से	94.71	

		चारागाह का क्षेत्रफल	1.80	
		ऊसर का क्षेत्रफल	16.24	
		सामुदायिक भूमि का		
		आबादी से अच्छादित	80.28	
		अन्य	36.98	
63	कृषि भूमि का विवरण (हे0)	एक फसली क्षेत्रफल	270.60	
		द्विफसली क्षेत्रफल	541.2	
		बहुफसली क्षेत्रफल	90.2	
64	फसल चक्र			
		वर्तमान		
		प्रस्तावित		
65	भूमि उपयोग (हे0)	वर्तमान	प्रस्तावित	
a.	Rainfed			
	I. Crops			
	II. Agroforestry			
b.	Irrigated:			
	I. Assured			
	II. Partial			
2	Westland			
a.	Afforstation			
b.	Pasture			
c.	Village land			
Total:				
66	प्रमुख फसल का नाम	बोया गया क्षेत्रफल हे0	उत्पादित प्रति हेक्टेयर (कु0 में)	प्रस्तावित
	धान	0.941	7.34	
	मक्का			
	अरहर	67.199	469.05	
	ऊरद	73.919	305.29	
	मूंग	33.600	65.86	
	ज्वार	9.072	80.38	
	बाजार			
	गेहु	146.427	1925.51	
	गन्ना	3.965	1237.00	
	आलू	2.688	604.79	
	सरसों	78.556	298.51	
	चना	120.958	943.47	

	मसूर	80.639	305.62	
67	गांव में पुलिया का विवरण			
	स्थिति		5	
	निर्मित			
	निर्माणाधीन			
	जर्जर			
	नये की आवश्यकता		3	
	गांव में आवागमन के रास्ते			
68	विवरण	लम्बाई कि0मी0 में	मरम्मत की आवश्कता	
	चक रोड	2		
	खड़जा	0.05		
	पिच रोड	4		
	अन्य			
69	गांव में जल निकासी	लम्बाई मी0 में		
	निर्मित	316		
	अर्द्ध निर्मित			
	मरम्मत की आवश्यकता	300		
	नये निर्माण की आवश्कता	500		
70	गांव में निम्न विवरण			
	विवरण	संख्या	सबसे पहले किसने खरीदा/खोला	किस वर्ष मे खरीदा
	ट्रैक्टर की संख्या	30		
	दुपहिया वाहन की संख्या	150		
	चार पहिया वाहन की संख्या	25		
	साईकिल की संख्या	250		
	तांगा की संख्या			
	इक्का की संख्या			
	जुगाड़ की संख्या			
	यातायात के अन्य साधन	Tampo 30		
	ठेला गाड़ी			
	भैसा गाड़ी			
	रिक्शा			
	रिक्शा ट्राली	1		
	साईकिल			
	परचून की दुकान	5		
	जनरल मर्चेंट	1		
	नाऊ की दुकान	2		
	चाय की दुकान			
	बिसातखाने की दुकान	1		

	हलुवाई की दुकान	1		
	कपड़े की दुकान			
	जूता चप्पल की दुकान			
	खाद की दुकान			
	बीज की दुकान			
	पौध नर्सरी	1		
	अन्य दुकान			
71	गांव में आय के साधन			
	कृषि			
	मजदूरी			
	स्वतः रोजगार			
	अन्य			
72	गांव में माइग्रटेड मजदूरों की संख्या	750		
		वर्तमान	प्रस्तावित	
73	गांव में कुल दुग्ध उत्पादन			
	विवरण	मात्रा लीटर में		
	गाय	45		
	भैस	300		
	बकरी	60		
	अन्य	15		
74	गांव में वृक्षों की संख्या			
	विवरण	संख्या		
	आम	24		
	कटहल	4		
	अमरुद	10		
	बेल	4		
	बेर	40		
	जामुन	4		
	अनार			
	नीबू	10		
	लीची			
	महुआ	20		
	चिलबिल	4		
	ाीशम	440		
	साखू	100		
	सागौन	2500		
	यूकैलिप्टस	325		
	बबूल	256		
	गूलर	50		

	नीम	450		
	पीपल	15		
	पाकड़	2		
	अन्य			
75	गांव का अन्य विवरण			
	विवरण	संख्या		
	नाकरी/पेशा से सम्बन्धित	16		
	कारखानों में कार्यरत	15		
	कृषक मजदूर	700		
	प्राइवेट नौकरी में कार्यरत	18		
	स्व रोजगार में लगे			
	मजदूर	1800		
	लोहार	2		
	बढ़ई	3		
	इलेक्ट्रीशियन	2		
	वेलडर	1		
	हैड पम्प मेकैनिक	1		
	डीजल इंजन मेकैनिक	4		
	राजगीर	60		
	प्लम्बर	2		
	ट्रक्टर मिकैनिक	5		
	टयूबेल आपरेटर	2		
	पेंशनभोगी	240		
76	नेता	विधायक/सांसद/मंत्री/अन्य कर्मचारी		
	अध्यापक	5		
	शिक्षामित्र	6		
	इन्जीनियर	1		
	कुषि स्नाातक	15		
	लेखपाल	2		
	प्रमुख त्योहार	त्यौहार का नाम	मनाने का माह	अन्य विवरण
	1	Vijay Dashami	October	
	2	Deepawali	November	
	3	Holi	March	
	4			
	5			
	6			
77	गांव में खना बनाने के लिये ईधन के उपयोग के			

	अनुसार संख्या			
	लकड़ी	250		
	कोयला			
	गोबर का ऊपला/कण्डा			
	फसल के अवशेष	280		
	मिटटी का तेल	20		
	कुकिंग गैस	5		
	अन्य			
78	गांव में बच्चों के टीकाकरण की उपलब्धता	Anganvadi Kendra		
79	गांव में गर्भवती माताओं के टीकाकरण की उपलब्धता	YES		
80	गांव में पशुओं के टीकाकरण की उपलब्धता	YES		
	गांव मे पशु बीमा जानकारी	YES		
	गांव में लोग पशु बीमा कराते हैं	YES		
	गांव में फसल बीमा की जानकारी	YES		
	गांव में लोग फसल बीमा कराते हें	YES		
	गांव में प्रमुख सब्जी का उत्पादन	Brinjal		
81	विवरण	बोया गया क्षं0 है0 में	उत्पादन/हे0	
	आलू	11		
	घुंईयां			
	सूरन			
	फुल गोभी	5		
	पात गोभी	2		
	टमाटर	10		
	शिमला मिर्च			
	हरी मिर्च	1		
	भिण्डी	2		
	परवल			
	बीन्स			
	बैंगन	10		
	कददू	1		
	लौकी	2		
	तरोई	2		
	प्याज	10		
	लहसुन	1		
	हरा साग	1		
	अन्य			
82	गाव में गोबर गैस प्लांट की सं0	2		
83	गांव में वर्मी कम्पोस्ट पीट की सं0	1		

84	गांव में पूर्व गठित स्वंय सहायता समूहों की सं0			
85	गांव मे प्रचलित हस्त शिल्प यदि कोई हो			
86	गांव में विगत 7 वर्षो का वर्षा का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	795mm	300mm	
	द्वितीय वर्ष	625mm	625mm	
	तृतीय वर्ष	500mm	350mm	
	चतुर्थ वर्ष	450mm	250mm	
	पंचम वर्ष	650mm	300mm	
	षष्ठम वर्ष	702mm	250mm	
	सप्तम वर्ष	900mm	300mm	
87	गांव में विगत 7 वर्षो का तापमान का विवरण			
	वर्ष	अधिकतम	न्यूनतम	
	प्रथम वर्ष	47	21	
	द्वितीय वर्ष	48	19	
	तृतीय वर्ष	47	22	
	चतुर्थ वर्ष	46	22	
	पंचम वर्ष	48	18	
	षष्ठम वर्ष	47	22	
	सप्तम वर्ष	48	19	

CHAPTER NO.-3

बुन्देलखण्ड विकास पैकेज के अन्तर्गत आई0डब्ल्यू0एम0पी0 के अन्तर्गत कराये जाने वाले ई0पी0ए0 कार्यों का विवरण

भूमि संरक्षण अधिकारी भूमि विकास एवं जल संसाधन विभाग महोबा –3

I.W.M.P.	कोड सं0	वर्ष 2010–11 में आवंटित की जाने वाली धन0 लाख रु0 में	मद का नाम जिसमें कार्य किया जाना हो	ग्राम का नाम	कार्य स्थल	कार्य का नाम	व्यय की जाने वाली धन0	कार्य प्रभारी का नाम	माइक्रोवाटरशेड कमेंटी का नाम जिसके द्वारा कार्य किया जाना है।
1	2	3	6	7	8	9	10	11	12
I.W.M.P. VI	2C2A3q2e	3.88	इण्ट्री प्वाइन्ट एक्टीविटी	विजयपुर	मन्दिर के पास रोड के किनारे	विजयपुर एक कुए की मरम्मत	73536.00	श्री उमाशंकर वर्मा सी0पा0	विजयपुर
					सड़क के किनारे	अण्डवारा में एक कुएं की मरम्मत			

					उमाशंकर राजपूत के घर के पास	विजयपुर एक कुए की मरम्मत	**39411.00**		
					-	137 मी0 नाली	**275053.00**		

I.W.M.P. VI	**2C2A3v2a**	**4.837344**	इण्ट्री प्वाइन्ट एक्टीविटी	सुगिरा	सुगिरा में रोड के किनारे	सुगिरा 125.20 मी0 नाली का निर्माण	**156569.00**	श्री दिनेश कुमार शुक्ल सीच0 पाल	सुगिरा
						92 मी0 नाली का निर्माण	**230948.00**		
						एक पंचायत चबूतरा 30 मी0 नाली	**95483.00**		

I.W.M.P. VI	2C2A3q2c	2.968176	इण्ट्री प्वाइन्ट एक्टीविटी	रिच्छा	सडक के किनारे	रिच्छा 2 किसान मंच	41207.00	श्री दीप कुमार मुंशी	रिच्छा
					सडक के किनारे	78.50मी0 पक्की नाली का निर्माण	113639.00		
						70मी0 पक्की नाली का निर्माण	141154.00		

I.W.M.P. VI	2C2A3x1a	2.40	इण्ट्री प्वाइन्ट एक्टीविटी	गगौरा	सड़क के किनारे	गगौरा 2 किसान मंच	38166.00	श्री महेन्द्र प्रताप सिंह मुंशी	गगौरा
					सड़क के किनारे	पक्की नाली 95. 50 मी0	132940.00		
						पक्की नाली 45 मी0	68894.00		

I.W.M.P. VI	2C2A3x1j	3.39	इण्ट्री प्वाइन्ट एक्टीविटी	महुआ इटौरा	गांव के अन्दर रोड के निकट	महुआ इटौरा 2 किसान मंच	54701.00	श्री दिनेश कुमार शुक्ल सी0पा0	महुआ इटौरा
						130 मी0 नाली व एक कुंए का निर्माण	284299.00		

I.W.M.P. VI	2C2A3w2c	3.39	इण्ट्री प्वाइन्ट एक्टीविटी	बागौल	मंदिर के पास चौकीदार के घर के पास सड़क के किनारे	बागौल 1 किसान मंच एक कुए का निर्माण 15. 80 मी0 नाली का निर्माण	67288.00	श्री दिनेश कुमार शुक्ल सी0पा0	बागौल
					गांव के पश्चिम मौर्या के घर के पास सड़क के किनारे	एक कुए का निर्माण 49 मी0 नाली का निर्माण	74721.00		
					-	100 मी0 नाली का निर्माण	196991.00		

I.W.M.P. VI	2C2A3q2d	4.34	–	पनारा	पनारा में	एक चबूतरा व एक कुऐं की मरम्मत	85354.00	श्री उमाशंकर वर्मा सीचपाल	पनारा
					पनारा में	पक्की नाली 85.40 मी0 हैण्ड पाइप चबूतरा मरम्मत	142615.00		
					पनारा में	कुए की मरम्मत कुएं के पास 4 मी0 नाली सिंगलवाल 10 मी0 नाली डबलवाल	32432.00		
					पनारा में	एक चबूतरा व 70 मी0 नाली	173599.00		

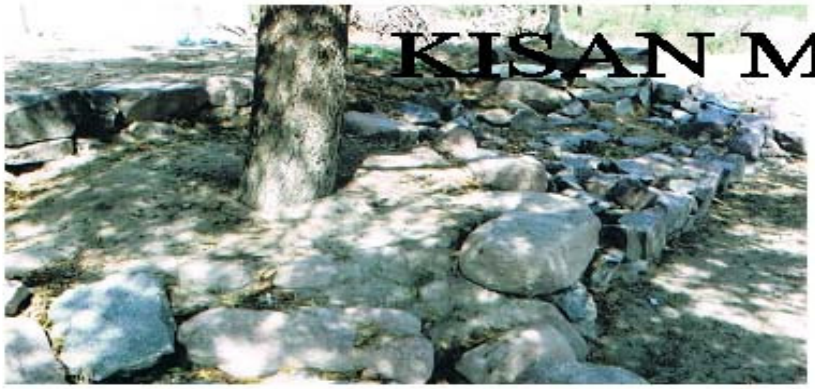
PHOTOGRAPHS OF ENTRY POINT ACTIVITY

COMMUNITY WELL

Work -EPA
Project -IWMP-6
Year -2009-10
Village -Bagol
Block -Panwadi
Distt. -Mahoba
Ws. Code :2c2A3w2c

BEFORE

AFTER



KISAN MANCH

Work -EPA
Project -IWMP-6
Year -2009-10
Village -Gogara
Block -Panwadi
Distt. -Mahoba
Ws. Code :2c2A3x1a

BEFORE

BEFORE

COMMUNITY WELL

Work	-EPA
Project	-IWMP-6
Year	-2009-10
Village	-Vijaypur
Block	-Panwadi
Distt.	-Mahoba
Ws. Code	:2c2A3q2e

AFTER

COMMUNITY WELL

Work	-EPA
Project	-IWMP-6
Year	-2009-10
Village	-Panara
Block	-Panwadi
Distt.	-Mahoba
Ws. Code	:2c2A3q2d

BEFORE

AFTER

BEFORE

COMMUNITY WELL

Work	-EPA
Project	-IWMP-6
Year	-2009-10
Village	-Vijaypur
Block	-Panwadi
Distt.	-Mahoba
Ws. Code	:2c2A3q2e

AFTER

BEFORE

PAKKI NALI

Work -EPA
Project -IWMP-6
Year -2009-10
Village -Panara
Block -Panwadi
Distt. -Mahoba
Ws. Code :2c2A3q2d

AFTER

BEFORE

KISAN MANCH

Work -EPA
Project -IWMP-6
Year -2009-10
Village -Panara
Block -Panwadi
Distt. -Mahoba
Ws. Code :2c2A3q2d

AFTER

KISAN MANCH

Work -EPA
Project -IWMP-6
Year -2009-10
Village -Bagol
Block -Panwadi
Distt. -Mahoba
Ws. Code :2c2A3w2c

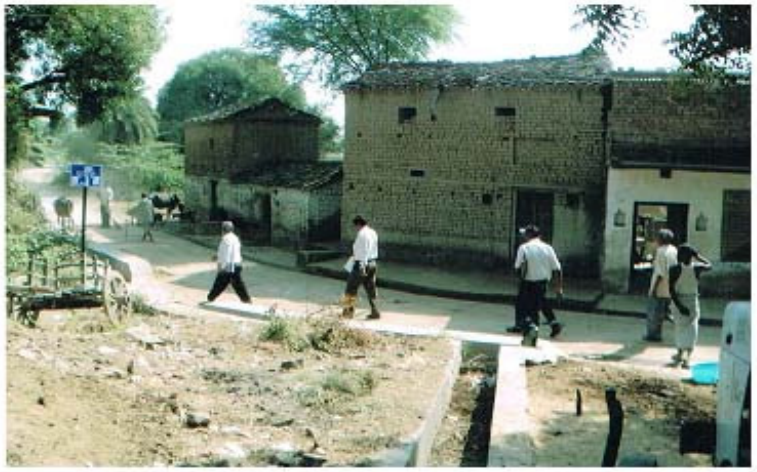
BEFORE

AFTER

BEFORE

PAKKI NALI

Work	-EPA
Project	-IWMP-6
Year	-2009-10
Village	-Panara
Block	-Panwadi
Distt.	-Mahoba
Ws. Code	:2c2A3q2d



AFTER

CHAPTER NO.-4

ACTION PLAN OF WATERSHED DEVELOPMENT WORKS

IWMP - VI, MICRO WATERSHED (2C2A3q2e)

A	CODE OF MICROWATERSHED			2C2A3q2e
B	NAME OF MICROWATERSHED			VIJAYPUR
C	TOTAL TREATABLE AREA OF MICROWATERSHED (IN Ha.)			807.30
D	THE AMOUNT OF IWMP-VI, MICROWATERSHED (IN Work Head) 56%			5425056
I. WORK HEAD IN WATER HARVESTING				
a	COST OF 3 NOS. CHECKDAM @ Rs.709700/-per CHECKDAM.			2129100
b	COST OF 5 NOS. KACHCHA CHECKDAM @ Rs.125000/-per CHECKDAM.			625000
TOTAL				2754100
II. SOIL AND WATER CONSERVATION				
a	IN EARTH WORK HEAD			1793718
b	OTHER PUCCA FIELD STRUCTURE (for Small Spilway/Outlet)			768736
SUB-TOTAL				2562455
III. IN FORESTATION WORK HEAD				54251
IV. IN HORTICULTURE WORK HEAD				54251
GRAND TOTAL				5425056
E	THE AMOUNT OF CONVERGENCE	i. IN WORK HEAD	IN EARTH WORK HEAD	1695330
			IN PUCCA FIELD STRUCTURE (FOR SMALL SPILWAY / OUTLET)	726570
		ii. IN FORESTATION WORK HEAD		56511

		iii. IN HORTICULTURE WORK HEAD	24219
		TOTAL AMOUNT OF CONVERGENCE	**2502630**

ESTIMATE OF EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FIELD BUND (FB) / CONTOUR BUND (CB)	0.500	8586.34	4293.17	47.00	201779
3	SUBMERGENCE BUND (SB)	1.845	14215.51	26227.62	47.00	1232698
4	MARGINAL BUND (MB)	3.445	2413	8312.79	49.46	411150
5	PERIPHARAL BUND (PB)	3.445	4823	16615.24	49.46	821790
6	WATER HARVESTING BUND (WHB)	11.970	1290	15441.30	53.21	821632
TOTAL			**31327.85**	**70890.11**		**3489048**

FIELD BUND (FB) / CONTOUR BUND (CB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FB1	0.500	346	173.00	47.00	8131
2	FB2	0.500	388	194.00	47.00	9118
3	FB3	0.500	440	220.00	47.00	10340
4	FB4	0.500	415	207.50	47.00	9753
5	FB5	0.500	421	210.50	47.00	9894
6	FB6	0.500	400	200.00	47.00	9400

7	FB7	0.500	320	160.00	47.00	7520
8	FB8	0.500	458	229.00	47.00	10763
9	FB9	0.500	425	212.50	47.00	9988
10	FB10	0.500	326	163.00	47.00	7661
11	FB11	0.500	526	263.00	47.00	12361
12	FB12	0.500	485	242.50	47.00	11398
13	FB13	0.500	426	213.00	47.00	10011
14	FB14	0.500	392	196.00	47.00	9212
15	FB15	0.500	425	212.50	47.00	9988
16	FB16	0.500	351	175.50	47.00	8249
17	FB17	0.500	400	200.00	47.00	9400
18	FB18	0.500	456	228.00	47.00	10716
19	FB19	0.500	480	240.00	47.00	11280
20	FB20	0.500	390	195.00	47.00	9165
21	FB21	0.500	316.34	158.17	47.00	7434
TOTAL		**10.000**	**8586.34**	**4135.00**		**194345**

SUBMERGENCE BUND (SB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	SB1	1.845	355	654.98	47.00	30784
2	SB2	1.845	429	791.51	47.00	37201
3	SB3	1.845	296	546.12	47.00	25668
4	SB4	1.845	285	525.83	47.00	24714
5	SB5	1.845	306	564.57	47.00	26535
6	SB6	1.845	406	749.07	47.00	35206
7	SB7	1.845	287	529.52	47.00	24887

8	SB8	1.845	265	488.93	47.00	22979
9	SB9	1.845	258	476.01	47.00	22372
10	SB10	1.845	459	846.86	47.00	39802
11	SB11	1.845	457	843.17	47.00	39629
12	SB12	1.845	369	680.81	47.00	31998
13	SB13	1.845	326	601.47	47.00	28269
14	SB14	1.845	259	477.86	47.00	22459
15	SB15	1.845	349	643.91	47.00	30264
16	SB16	1.845	303	559.04	47.00	26275
17	SB17	1.845	380	701.10	47.00	32952
18	SB18	1.845	251	463.10	47.00	21765
19	SB19	1.845	360	664.20	47.00	31217
20	SB20	1.845	505	931.73	47.00	43791
21	SB21	1.845	416	767.52	47.00	36073
22	SB22	1.845	320	590.40	47.00	27749
23	SB23	1.845	327	603.32	47.00	28356
24	SB24	1.845	186	343.17	47.00	16129
25	SB25	1.845	270	498.15	47.00	23413
26	SB26	1.845	345	636.53	47.00	29917
27	SB27	1.845	321	592.25	47.00	27836
28	SB28	1.845	452	833.94	47.00	39195
29	SB29	1.845	360	664.20	47.00	31217
30	SB30	1.845	272	501.84	47.00	23586
31	SB31	1.845	359	662.36	47.00	31131
32	SB32	1.845	425	784.13	47.00	36854
33	SB33	1.845	365	673.43	47.00	31651
34	SB34	1.845	496	915.12	47.00	43011
35	SB35	1.845	355	654.98	47.00	30784
36	SB36	1.845	260	479.70	47.00	22546

37	SB37	1.845	425	784.13	47.00	36854
38	SB38	1.845	360	664.20	47.00	31217
39	SB39	1.845	250.51	462.19	47.00	21723
40	SB40	1.845	360	664.20	47.00	31217
41	SB41	1.845	386	712.17	47.00	33472
TOTAL		**75.65**	**14216**	**26227.62**		**1232698**

MARGINAL BUND (MB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	MB1	3.445	195	671.78	49.46	33226
2	MB2	3.445	194	668.33	49.46	33056
3	MB3	3.445	201	692.45	49.46	34248
4	MB4	3.445	208	716.56	49.46	35441
5	MB5	3.445	215	740.68	49.46	36634
6	MB6	3.445	249	857.81	49.46	42427
7	MB7	3.445	267	919.82	49.46	45494
8	MB8	3.445	193	664.89	49.46	32885
9	MB9	3.445	246	847.47	49.46	41916
10	MB10	3.445	218	751.01	49.46	37145
11	MB11	3.445	227	782.02	49.46	38678
TOTAL		**37.90**	**2413**	**8312.79**		**411150**

PERIPHERAL BUND (PB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION	QTY. OF WORK (	SOIL WORK	RATE (Rs.)	Amount (Rs.)

		AREA (IN Mtr2)	In Mtr.)	IN PER Cum	Per Cum	
1	PB1	3.445	450	1550.25	49.46	76675
2	PB2	3.445	500	1722.50	49.46	85195
3	PB3	3.445	480	1653.60	49.46	81787
4	PB4	3.445	460	1584.70	49.46	78379
5	PB5	3.445	520	1791.40	49.46	88603
6	PB6	3.445	570	1963.65	49.46	97122
7	PB7	3.445	510	1756.95	49.46	86899
8	PB8	3.445	480	1653.60	49.46	81787
9	PB9	3.445	420	1446.90	49.46	71564
10	PB10	3.445	433	1491.69	49.46	73779
TOTAL		**34.450**	**4823**	**16615.24**		**821790**

ACTION PLAN OF WATERSHED DEVELOPMENT WORKS
IWMP - VI, MICRO WATERSHED (2C2A3q2e)

A	**CODE OF MICROWATERSHED**	**2C2A3x1a**
B	**NAME OF MICROWATERSHED**	**GAGAURA**
C	**TOTAL TREATABLE AREA OF MICROWATERSHED (IN Ha.)**	**500.10**
D	**THE AMOUNT OF IWMP-VI, MICROWATERSHED (IN Work Head) 56%**	**3360672**

I. WORK HEAD IN WATER HARVESTING

a	**COST OF 2 NOS. CHECKDAM @ Rs.709700/-per CHECKDAM.**	1419400
b	**COST OF 3 NOS. KACHCHA CHECKDAM @ Rs.125000/-per CHECKDAM.**	375000
TOTAL		**1794400**
II. SOIL AND WATER CONSERVATION		
a	**IN EARTH WORK HEAD**	1049341

b	**OTHER PUCCA FIELD STRUCTURE (for Small Spilway/Outlet)**			449718
SUB-TOTAL				**1499059**
III. IN FORESTATION WORK HEAD				**33607**
IV. IN HORTICULTURE WORK HEAD				**33607**
GRAND TOTAL				**3360672**
V.	**THE AMOUNT OF CONVERGENCE**	**a. IN WORK HEAD**	**i. IN EARTH WORK HEAD**	1050210
			ii. IN PUCCA FIELD STRUCTURE (FOR SMALL SPILWAY / OUTLET)	450090
		b. IN FORESTATION WORK HEAD		35007
		c. IN HORTICULTURE WORK HEAD		15003
		TOTAL AMOUNT OF CONVERGENCE		**1550310**

ESTIMATE OF EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FIELD BUND (FB) / CONTOUR BUND (CB)	0.500	4241	2120.50	47.00	99664
3	SUBMERGENCE BUND (SB)	1.845	8038.4	14830.85	47.00	697050
4	MARGINAL BUND (MB)	3.445	1997	6879.67	49.46	340268
5	PERIPHARAL BUND (PB)	3.445	2827	9739.02	49.46	481692
6	WATER HARVESTING BUND (WHB)	11.970	755	9037.35	53.21	480877
GRAND - TOTAL			**17858.4**	**42607.38**		**2099551**

FIELD BUND (FB) / CONTOUR BUND (CB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FB1	0.500	260	130.00	47.00	6110
2	FB2	0.500	356	178.00	47.00	8366
3	FB3	0.500	369	184.50	47.00	8672
4	FB4	0.500	324	162.00	47.00	7614
5	FB5	0.500	405	202.50	47.00	9518
6	FB6	0.500	404	202.00	47.00	9494
7	FB7	0.500	364	182.00	47.00	8554
8	FB8	0.500	449	224.50	47.00	10552
9	FB9	0.500	340	170.00	47.00	7990
10	FB10	0.500	340	170.00	47.00	7990
11	FB11	0.500	350	175.00	47.00	8225
12	FB12	0.500	280	140.00	47.00	6580
TOTAL		**6.000**	**4241**	**2120.50**		**99664**

SUBMERGENCE BUND (SB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	SB1	1.845	315	581.18	47.00	27315
2	SB2	1.845	255	470.48	47.00	22112
3	SB3	1.845	256	472.32	47.00	22199
4	SB4	1.845	240	442.80	47.00	20812
5	SB5	1.845	140	258.30	47.00	12140
6	SB6	1.845	405	747.23	47.00	35120
7	SB7	1.845	426	785.97	47.00	36941

8	SB8	1.845	349	643.91	47.00	30264
9	SB9	1.845	289	533.21	47.00	25061
10	SB10	1.845	388	715.86	47.00	33645
11	SB11	1.845	348	642.06	47.00	30177
12	SB12	1.845	276	509.22	47.00	23933
13	SB13	1.845	265	488.93	47.00	22979
14	SB14	1.845	324	597.78	47.00	28096
15	SB15	1.845	318	586.71	47.00	27575
16	SB16	1.845	412	760.14	47.00	35727
17	SB17	1.845	314	579.33	47.00	27229
18	SB18	1.845	310	571.95	47.00	26882
19	SB19	1.845	311.4	574.53	47.00	27003
20	SB20	1.845	367	677.12	47.00	31824
21	SB21	1.845	368	678.96	47.00	31911
22	SB22	1.845	350	645.75	47.00	30350
23	SB23	1.845	320	590.40	47.00	27749
24	SB24	1.845	380	701.10	47.00	32952
25	SB25	1.845	312	575.64	47.00	27055
TOTAL		**46.13**	**8038**	**14830.85**		**697050**

MARGINAL BUND (MB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	MB1	3.445	245	844.03	49.46	41745
2	MB2	3.445	285	981.83	49.46	48561
3	MB3	3.445	310	1067.95	49.46	52821
4	MB4	3.445	260	895.70	49.46	44301

5	MB5	3.445	221	761.35	49.46	37656
6	MB6	3.445	193	664.89	49.46	32885
7	MB7	3.445	215	740.68	49.46	36634
8	MB8	3.445	268	923.26	49.46	45664
TOTAL		**27.56**	**1997**	**6879.67**		**340268**

PERIPHERAL BUND (PB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	PB1	3.445	435	1498.58	49.46	74120
2	PB2	3.445	470	1619.15	49.46	80083
3	PB3	3.445	550	1894.75	49.46	93714
4	PB4	3.445	525	1808.63	49.46	89455
5	PB5	3.445	360	1240.20	49.46	61340
6	PB6	3.445	487	1677.72	49.46	82980
TOTAL		**20.670**	**2827**	**9739.02**		**481692**

ACTION PLAN OF WATERSHED DEVELOPMENT WORKS
IWMP - VI, MICRO WATERSHED (2C2A3q2d)

A	**CODE OF MICROWATERSHED**	**2C2A3q2d**
B	**NAME OF MICROWATERSHED**	**PANARA**
C	**TOTAL TREATABLE AREA OF MICROWATERSHED (IN Ha.)**	**904.25**
D	**THE AMOUNT OF IWMP-VI, MICROWATERSHED (IN Work Head) 56%**	**6076560**

I. WORK HEAD IN WATER HARVESTING

a	**COST OF 3 NOS. CHECKDAM @ Rs.709700/-per CHECKDAM.**	2129100

b	**COST OF 5 NOS. KACHCHA CHECKDAM @ Rs.125000/-per CHECKDAM.**			625000
TOTAL				**2754100**
II. SOIL AND WATER CONSERVATION				
a	**IN EARTH WORK HEAD**			2240650
b	**OTHER PUCCA FIELD STRUCTURE (for Small Spilway/Outlet)**			960279
SUB-TOTAL				**3200929**
III. IN FORESTATION WORK HEAD				**60766**
IV. IN HORTICULTURE WORK HEAD				**60766**
GRAND TOTAL				**6076560**
V.	**THE AMOUNT OF CONVERGENCE**	**a. IN WORK HEAD**	**i. IN EARTH WORK HEAD**	1898925
			ii. IN PUCCA FIELD STRUCTURE (FOR SMALL SPILWAY / OUTLET)	813825
		b. IN FORESTATION WORK HEAD		63298
		c. IN HORTICULTURE WORK HEAD		27128
		TOTAL AMOUNT OF CONVERGENCE		**2803175**

ESTIMATE OF EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FIELD BUND (FB) / CONTOUR BUND (CB)	0.500	9027.2	4513.60	47.00	212139
3	SUBMERGENCE BUND (SB)	1.845	14668	27062.46	47.00	1271936
4	MARGINAL BUND (MB)	3.445	4363	15030.54	49.46	743410
5	PERIPHARAL BUND (PB)	3.445	5241	18055.25	49.46	893012
6	WATER HARVESTING BUND (WHB)	11.970	1600	19152.00	53.21	1019078

TOTAL		**34899.2**	**83813.84**		**4139575**

VIFERCATION OF FIELD BUND (FB) / CONTOUR BUND (CB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FB1	0.500	450	225.00	47.00	10575
2	FB2	0.500	632	316.00	47.00	14852
3	FB3	0.500	459	229.50	47.00	10787
4	FB4	0.500	489	244.50	47.00	11492
5	FB5	0.500	389	194.50	47.00	9142
6	FB6	0.500	516	258.00	47.00	12126
7	FB7	0.500	346	173.00	47.00	8131
8	FB8	0.500	447	223.50	47.00	10505
9	FB9	0.500	475	237.50	47.00	11163
10	FB10	0.500	350	175.00	47.00	8225
11	FB11	0.500	550	275.00	47.00	12925
12	FB12	0.500	462	231.00	47.00	10857
13	FB13	0.500	365	182.50	47.00	8578
14	FB14	0.500	439	219.50	47.00	10317
15	FB15	0.500	416	208.00	47.00	9776
16	FB16	0.500	426	213.00	47.00	10011
17	FB17	0.500	349	174.50	47.00	8202
18	FB18	0.500	350	175.00	47.00	8225
19	FB19	0.500	267	133.50	47.00	6275
20	FB20	0.500	269	134.50	47.00	6322
21	FB21	0.500	315.2	157.60	47.00	7407
22	FB22	0.500	266	133.00	47.00	6251
TOTAL		**11.000**	**9027.2**	**4513.60**		**212139**

SUBMERGENCE BUND (SB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	SB1	1.845	345	636.53	47.00	29917
2	SB2	1.845	460	848.70	47.00	39889
3	SB3	1.845	285	525.83	47.00	24714
4	SB4	1.845	356	656.82	47.00	30871
5	SB5	1.845	335	618.08	47.00	29050
6	SB6	1.845	467	861.62	47.00	40496
7	SB7	1.845	269	496.31	47.00	23326
8	SB8	1.845	225	415.13	47.00	19511
9	SB9	1.845	336	619.92	47.00	29136
10	SB10	1.845	556	1025.82	47.00	48214
11	SB11	1.845	547	1009.22	47.00	47433
12	SB12	1.845	426	785.97	47.00	36941
13	SB13	1.845	335	618.08	47.00	29050
14	SB14	1.845	306	564.57	47.00	26535
15	SB15	1.845	409	754.61	47.00	35466
16	SB16	1.845	506	933.57	47.00	43878
17	SB17	1.845	396	730.62	47.00	34339
18	SB18	1.845	267	492.62	47.00	23153
19	SB19	1.845	375	691.88	47.00	32518
20	SB20	1.845	550	1014.75	47.00	47693
21	SB21	1.845	475	876.38	47.00	41190
22	SB22	1.845	325	599.63	47.00	28182
23	SB23	1.845	290	535.05	47.00	25147
24	SB24	1.845	375	691.88	47.00	32518

25	SB25	1.845	250	461.25	47.00	21679
26	SB26	1.845	325	599.63	47.00	28182
27	SB27	1.845	296	546.12	47.00	25668
28	SB28	1.845	475	876.38	47.00	41190
29	SB29	1.845	350	645.75	47.00	30350
30	SB30	1.845	278	512.91	47.00	24107
31	SB31	1.845	280	516.60	47.00	24280
32	SB32	1.845	425	784.13	47.00	36854
33	SB33	1.845	375	691.88	47.00	32518
34	SB34	1.845	465	857.93	47.00	40322
35	SB35	1.845	358	660.51	47.00	31044
36	SB36	1.845	335	618.08	47.00	29050
37	SB37	1.845	380	701.10	47.00	32952
38	SB38	1.845	475	876.38	47.00	41190
39	SB39	1.845	385	710.33	47.00	33385
TOTAL		**71.96**	**14668**	**27062.46**		**1271936**

MARGINAL BUND (MB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	MB1	3.445	190	654.55	49.46	32374
2	MB2	3.445	225	775.13	49.46	38338
3	MB3	3.445	285	981.83	49.46	48561
4	MB4	3.445	250	861.25	49.46	42597
5	MB5	3.445	260	895.70	49.46	44301
6	MB6	3.445	150	516.75	49.46	25558
7	MB7	3.445	275	947.38	49.46	46857
8	MB8	3.445	280	964.60	49.46	47709

9	MB9	3.445	264	909.48	49.46	44983
10	MB10	3.445	269	926.71	49.46	45835
11	MB11	3.445	168	578.76	49.46	28625
12	MB12	3.445	246	847.47	49.46	41916
13	MB13	3.445	195	671.78	49.46	33226
14	MB14	3.445	237	816.47	49.46	40382
15	MB15	3.445	246	847.47	49.46	41916
16	MB16	3.445	274	943.93	49.46	46687
17	MB17	3.445	280	964.60	49.46	47709
18	MB18	3.445	269	926.71	49.46	45835
TOTAL		**62.01**	**4363**	**15030.54**		**743410**

PERIPHARAL BUND (PB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	PB1	3.445	195	671.78	49.46	33226
2	PB2	3.445	350	1205.75	49.46	59636
3	PB3	3.445	320	1102.40	49.46	54525
4	PB4	3.445	450	1550.25	49.46	76675
5	PB5	3.445	490	1688.05	49.46	83491
6	PB6	3.445	487	1677.72	49.46	82980
7	PB7	3.445	545	1877.53	49.46	92862
8	PB8	3.445	512	1763.84	49.46	87240
9	PB9	3.445	479	1650.16	49.46	81617
10	PB10	3.445	478	1646.71	49.46	81446
11	PB11	3.445	409	1409.01	49.46	69689
12	PB12	3.445	526	1812.07	49.46	89625
TOTAL		**41.340**	**5241**	**18055.25**		**893012**

ACTION PLAN OF WATERSHED DEVELOPMENT WORKS
IWMP - VI, MICRO WATERSHED (2C2A3x1d)

A	CODE OF MICROWATERSHED			2C2A3x1d
B	NAME OF MICROWATERSHED			MAHUA ITAURA
C	TOTAL TREATABLE AREA OF MICROWATERSHED (IN Ha.)			706.55
D	THE AMOUNT OF IWMP-VI, MICROWATERSHED (IN Work Head) 56%			4748016
I. WORK HEAD IN WATER HARVESTING				
a	COST OF 2 NOS. CHECKDAM @ Rs.709700/-per CHECKDAM.			1419400
b	COST OF 3 NOS. KACHCHA CHECKDAM @ Rs.125000/-per CHECKDAM.			375000
TOTAL				1794400
II. SOIL AND WATER CONSERVATION				
a	IN EARTH WORK HEAD			2001059
b	OTHER PUCCA FIELD STRUCTURE (for Small Spilway/Outlet)			857597
SUB-TOTAL				2858656
III. IN FORESTATION WORK HEAD				47480
IV. IN HORTICULTURE WORK HEAD				47480
GRAND TOTAL				4748016
V.	THE AMOUNT OF CONVERGENCE	a. IN WORK HEAD	i. IN EARTH WORK HEAD	1483755
			ii. IN PUCCA FIELD STRUCTURE (FOR SMALL SPILWAY / OUTLET)	635895
		b. IN FORESTATION WORK HEAD		49459
		c. IN HORTICULTURE WORK HEAD		21197
		TOTAL AMOUNT OF CONVERGENCE		2190305

ESTIMATE OF EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FIELD BUND (FB) / CONTOUR BUND (CB)	0.500	8413.05	4206.53	47.00	197707
3	SUBMERGENCE BUND (SB)	1.845	14687	27097.52	47.00	1273583
4	MARGINAL BUND (MB)	3.445	2562	8826.09	49.46	436538
5	PERIPHARAL BUND (PB)	3.445	4620	15915.90	49.46	787200
6	WATER HARVESTING BUND (WHB)	11.970	1240	14842.80	53.21	789785
TOTAL			**31522.05**	**70888.83**		**3484814**

FIELD BUND (FB) / CONTOUR BUND (CB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FB1	0.500	345	172.50	47.00	8108
2	FB2	0.500	385	192.50	47.00	9048
3	FB3	0.500	515	257.50	47.00	12103
4	FB4	0.500	416	208.00	47.00	9776
5	FB5	0.500	435	217.50	47.00	10223
6	FB6	0.500	506	253.00	47.00	11891
7	FB7	0.500	470	235.00	47.00	11045
8	FB8	0.500	360	180.00	47.00	8460
9	FB9	0.500	426	213.00	47.00	10011

10	FB10	0.500	515	257.50	47.00	12103
11	FB11	0.500	523	261.50	47.00	12291
12	FB12	0.500	520	260.00	47.00	12220
13	FB13	0.500	350	175.00	47.00	8225
14	FB14	0.500	396	198.00	47.00	9306
15	FB15	0.500	480	240.00	47.00	11280
16	FB16	0.500	453	226.50	47.00	10646
17	FB17	0.500	420	210.00	47.00	9870
18	FB18	0.500	418.05	209.03	47.00	9824
19	FB19	0.500	480	240.00	47.00	11280
TOTAL		**9.500**	**8413.050**	**4206.53**		**197707**

SUBMERGENCE BUND (SB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	SB1	1.845	263	485.24	47.00	22806
2	SB2	1.845	234	431.73	47.00	20291
3	SB3	1.845	553	1020.29	47.00	47953
4	SB4	1.845	220	405.90	47.00	19077
5	SB5	1.845	216	398.52	47.00	18730
6	SB6	1.845	213	392.99	47.00	18470
7	SB7	1.845	195	359.78	47.00	16909
8	SB8	1.845	560	1033.20	47.00	48560
9	SB9	1.845	435	802.58	47.00	37721
10	SB10	1.845	195	359.78	47.00	16909
11	SB11	1.845	319	588.56	47.00	27662
12	SB12	1.845	533	983.39	47.00	46219

13	SB13	1.845	533	983.39	47.00	46219
14	SB14	1.845	423	780.44	47.00	36680
15	SB15	1.845	309	570.11	47.00	26795
16	SB16	1.845	226	416.97	47.00	19598
17	SB17	1.845	580	1070.10	47.00	50295
18	SB18	1.845	227	418.82	47.00	19684
19	SB19	1.845	276	509.22	47.00	23933
20	SB20	1.845	225	415.13	47.00	19511
21	SB21	1.845	247	455.72	47.00	21419
22	SB22	1.845	210	387.45	47.00	18210
23	SB23	1.845	165	304.43	47.00	14308
24	SB24	1.845	335	618.08	47.00	29050
25	SB25	1.845	426	785.97	47.00	36941
26	SB26	1.845	542	999.99	47.00	47000
27	SB27	1.845	395	728.78	47.00	34252
28	SB28	1.845	465	857.93	47.00	40322
29	SB29	1.845	360	664.20	47.00	31217
30	SB30	1.845	465	857.93	47.00	40322
31	SB31	1.845	364	671.58	47.00	31564
32	SB32	1.845	378	697.41	47.00	32778
33	SB33	1.845	502	926.19	47.00	43531
34	SB34	1.845	486	896.67	47.00	42143
35	SB35	1.845	509	939.11	47.00	44138
36	SB36	1.845	452	833.94	47.00	39195
37	SB37	1.845	436	804.42	47.00	37808
38	SB38	1.845	352	649.44	47.00	30524
39	SB39	1.845	386	712.17	47.00	33472
40	SB40	1.845	477	880.07	47.00	41363
TOTAL		**73.80**	**14687**	**27097.52**		**1273583**

MARGINAL BUND (MB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	MB1	3.445	206	709.67	49.46	35100
2	MB2	3.445	220	757.90	49.46	37486
3	MB3	3.445	243	837.14	49.46	41405
4	MB4	3.445	266	916.37	49.46	45324
5	MB5	3.445	239	823.36	49.46	40723
6	MB6	3.445	270	930.15	49.46	46005
7	MB7	3.445	216	744.12	49.46	36804
8	MB8	3.445	210	723.45	49.46	35782
9	MB9	3.445	243	837.14	49.46	41405
10	MB10	3.445	236	813.02	49.46	40212
11	MB11	3.445	213	733.79	49.46	36293
TOTAL		**37.90**	**2562**	**8826.09**		**436538**

PERIPHERAL BUND (PB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	PB1	3.445	605	2084.23	49.46	103086
2	PB2	3.445	618	2129.01	49.46	105301
3	PB3	3.445	570	1963.65	49.46	97122
4	PB4	3.445	570	1963.65	49.46	97122
5	PB5	3.445	540	1860.30	49.46	92010
6	PB6	3.445	530	1825.85	49.46	90307

7	PB7	3.445	330	1136.85	49.46	56229
8	PB8	3.445	438	1508.91	49.46	74631
9	PB9	3.445	419	1443.46	49.46	71393
TOTAL		**31.005**	**4620**	**15915.90**		**787200**

ACTION PLAN OF WATERSHED DEVELOPMENT WORKS
IWMP - VI, MICRO WATERSHED (2C2A3q2c)

A	**CODE OF MICROWATERSHED**	**2C2A3q2c**
B	**NAME OF MICROWATERSHED**	**RICHHA**
C	**TOTAL TREATABLE AREA OF MICROWATERSHED (IN Ha.)**	**618.37**
D	**THE AMOUNT OF IWMP-VI, MICROWATERSHED (IN Work Head) 56%**	**4155446**

I. WORK HEAD IN WATER HARVESTING

a	**COST OF 2 NOS. CHECKDAM @ Rs.709700/-per CHECKDAM.**	1419400
b	**COST OF 3 NOS. KACHCHA CHECKDAM @ Rs.125000/-per CHECKDAM.**	375000
TOTAL		**1794400**
II. SOIL AND WATER CONSERVATION		
a	**IN EARTH WORK HEAD**	1594556
b	**OTHER PUCCA FIELD STRUCTURE (for Small Spilway/Outlet)**	683381
SUB-TOTAL		**2277937**
III. IN FORESTATION WORK HEAD		**41554**
IV. IN HORTICULTURE WORK HEAD		**41554**
GRAND TOTAL		**4155446**

V.	**THE AMOUNT OF CONVERGENCE**	**a. IN WORK HEAD**	**i. IN EARTH WORK HEAD**	1298577
			ii. IN PUCCA FIELD STRUCTURE (FOR SMALL SPILWAY / OUTLET)	556533

		b. IN FORESTATION WORK HEAD	43286
		c. IN HORTICULTURE WORK HEAD	18551
		TOTAL AMOUNT OF CONVERGENCE	**6155502**

ESTIMATE OF EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FIELD BUND (FB) / CONTOUR BUND (CB)	0.500	7063.15	3531.58	47.00	165984
3	SUBMERGENCE BUND (SB)	1.845	11474	21168.61	47.00	994925
4	MARGINAL BUND (MB)	3.445	2310	7957.95	49.46	393600
5	PERIPHARAL BUND (PB)	3.445	3950	13607.75	49.46	673039
6	WATER HARVESTING BUND (WHB)	11.970	1045	12508.65	53.21	665585
TOTAL			**25841.65**	**58774.53**		**2893133**

FIELD BUND (FB) / CONTOUR BUND (CB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FB1	0.500	392	196.00	47.00	9212
2	FB2	0.500	308	154.00	47.00	7238
3	FB3	0.500	239	119.50	47.00	5617
4	FB4	0.500	405	202.50	47.00	9518
5	FB5	0.500	400	200.00	47.00	9400

6	FB6	0.500	395	197.50	47.00	9283
7	FB7	0.500	329	164.50	47.00	7732
8	FB8	0.500	419	209.50	47.00	9847
9	FB9	0.500	261	130.50	47.00	6134
10	FB10	0.500	370	185.00	47.00	8695
11	FB11	0.500	395	197.50	47.00	9283
12	FB12	0.500	286.15	143.08	47.00	6725
13	FB13	0.500	365	182.50	47.00	8578
14	FB14	0.500	364	182.00	47.00	8554
15	FB15	0.500	235	117.50	47.00	5523
16	FB16	0.500	395	197.50	47.00	9283
17	FB17	0.500	396	198.00	47.00	9306
18	FB18	0.500	356	178.00	47.00	8366
19	FB19	0.500	399	199.50	47.00	9377
20	FB20	0.500	354	177.00	47.00	8319
TOTAL		**10.000**	**7063.15**	**3531.58**		**165984**

SUBMERGENCE BUND (SB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	SB1	1.845	336	619.92	47.00	29136
2	SB2	1.845	420	774.90	47.00	36420
3	SB3	1.845	385	710.33	47.00	33385
4	SB4	1.845	357	658.67	47.00	30957
5	SB5	1.845	356	656.82	47.00	30871
6	SB6	1.845	450	830.25	47.00	39022

7	SB7	1.845	280	516.60	47.00	24280
8	SB8	1.845	275	507.38	47.00	23847
9	SB9	1.845	340	627.30	47.00	29483
10	SB10	1.845	446	822.87	47.00	38675
11	SB11	1.845	500	922.50	47.00	43358
12	SB12	1.845	426	785.97	47.00	36941
13	SB13	1.845	310	571.95	47.00	26882
14	SB14	1.845	328	605.16	47.00	28443
15	SB15	1.845	438	808.11	47.00	37981
16	SB16	1.845	342	630.99	47.00	29657
17	SB17	1.845	405	747.23	47.00	35120
18	SB18	1.845	286	527.67	47.00	24800
19	SB19	1.845	309	570.11	47.00	26795
20	SB20	1.845	473	872.69	47.00	41016
21	SB21	1.845	452	833.94	47.00	39195
22	SB22	1.845	325	599.63	47.00	28182
23	SB23	1.845	306	564.57	47.00	26535
24	SB24	1.845	345	636.53	47.00	29917
25	SB25	1.845	280	516.60	47.00	24280
26	SB26	1.845	328	605.16	47.00	28443
27	SB27	1.845	290	535.05	47.00	25147
28	SB28	1.845	449	828.41	47.00	38935
29	SB29	1.845	420	774.90	47.00	36420
30	SB30	1.845	428	789.66	47.00	37114
31	SB31	1.845	389	717.71	47.00	33732
TOTAL		**57.20**	**11474**	**21169.53**		**994968**

MARGINAL BUND (MB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	MB1	3.445	256	881.92	49.46	43620
2	MB2	3.445	336	1157.52	49.46	57251
3	MB3	3.445	270	930.15	49.46	46005
4	MB4	3.445	254	875.03	49.46	43279
5	MB5	3.445	295	1016.28	49.46	50265
6	MB6	3.445	250	861.25	49.46	42597
7	MB7	3.445	165	568.43	49.46	28114
8	MB8	3.445	220	757.90	49.46	37486
9	MB9	3.445	264	909.48	49.46	44983
TOTAL		**31.01**	**2310**	**7957.95**		**393600**

PERIPHERAL BUND (PB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	PB1	3.445	425	1464.13	49.46	72416
2	PB2	3.445	420	1446.90	49.46	71564
3	PB3	3.445	475	1636.38	49.46	80935
4	PB4	3.445	560	1929.20	49.46	95418
5	PB5	3.445	460	1584.70	49.46	78379
6	PB6	3.445	460	1584.70	49.46	78379
7	PB7	3.445	580	1998.10	49.46	98826
8	PB8	3.445	570	1963.65	49.46	97122
TOTAL		**27.560**	**3950**	**13607.75**		**673039**

ACTION PLAN OF WATERSHED DEVELOPMENT WORKS
IWMP - VI, MICRO WATERSHED (2C2A3w2c)

A	CODE OF MICROWATERSHED			2C2A3w2c
B	NAME OF MICROWATERSHED			BAGOL
C	TOTAL TREATABLE AREA OF MICROWATERSHED (IN Ha.)			705.65
D	THE AMOUNT OF IWMP-VI, MICROWATERSHED (IN Work Head) 56%			4741968
I. WORK HEAD IN WATER HARVESTING				
a	COST OF 2 NOS. CHECKDAM @ Rs.709700/-per CHECKDAM.			1419400
b	COST OF 3 NOS. KACHCHA CHECKDAM @ Rs.125000/-per CHECKDAM.			375000
TOTAL				1794400
II. SOIL AND WATER CONSERVATION				
a	IN EARTH WORK HEAD			1996910
b	OTHER PUCCA FIELD STRUCTURE (for Small Spilway/Outlet)			855819
SUB-TOTAL				2852729
III. IN FORESTATION WORK HEAD				47420
IV. IN HORTICULTURE WORK HEAD				47420
GRAND TOTAL				4741968
V.	THE AMOUNT OF CONVERGENCE	a. IN WORK HEAD	i. IN EARTH WORK HEAD	1481865
			ii. IN PUCCA FIELD STRUCTURE (FOR SMALL SPILWAY / OUTLET)	635085
		b. IN FORESTATION WORK HEAD		49396
		c. IN HORTICULTURE WORK HEAD		21170
		TOTAL AMOUNT OF CONVERGENCE		2187515

ESTIMATE OF EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FIELD BUND (FB) / CONTOUR BUND (CB)	0.500	8393.70	4196.85	47.00	197252
3	SUBMERGENCE BUND (SB)	1.845	13757	25381.67	47.00	1192938
4	MARGINAL BUND (MB)	3.445	2850	9818.25	49.46	485611
5	PERIPHARAL BUND (PB)	3.445	4780	16467.10	49.46	814463
6	WATER HARVESTING BUND (WHB)	11.970	1238	14818.86	53.21	788512
TOTAL			**31018.7**	**70682.73**		**3478775**

FIELD BUND (FB) / CONTOUR BUND (CB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FB1	0.500	263	131.50	47.00	6181
2	FB2	0.500	463	231.50	47.00	10881
3	FB3	0.500	406	203.00	47.00	9541
4	FB4	0.500	364	182.00	47.00	8554
5	FB5	0.500	430	215.00	47.00	10105
6	FB6	0.500	502	251.00	47.00	11797
7	FB7	0.500	330	165.00	47.00	7755
8	FB8	0.500	483	241.50	47.00	11351
9	FB9	0.500	406	203.00	47.00	9541

10	FB10	0.500	370	185.00	47.00	8695
11	FB11	0.500	344	172.00	47.00	8084
12	FB12	0.500	365	182.50	47.00	8578
13	FB13	0.500	310	155.00	47.00	7285
14	FB14	0.500	324	162.00	47.00	7614
15	FB15	0.500	468	234.00	47.00	10998
16	FB16	0.500	516	258.00	47.00	12126
17	FB17	0.500	420	210.00	47.00	9870
18	FB18	0.500	490	245.00	47.00	11515
19	FB19	0.500	408	204.00	47.00	9588
20	FB20	0.500	456	228.00	47.00	10716
21	FB21	0.500	275.7	137.85	47.00	6479
TOTAL		**10.500**	**8393.7**	**4196.85**		**197252**

SUBMERGENCE BUND (SB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	SB1	1.845	389	717.71	47.00	33732
2	SB2	1.845	430	793.35	47.00	37287
3	SB3	1.845	290	535.05	47.00	25147
4	SB4	1.845	340	627.30	47.00	29483
5	SB5	1.845	326	601.47	47.00	28269
6	SB6	1.845	426	785.97	47.00	36941
7	SB7	1.845	280	516.60	47.00	24280
8	SB8	1.845	236	435.42	47.00	20465
9	SB9	1.845	385	710.33	47.00	33385
10	SB10	1.845	504	929.88	47.00	43704

11	SB11	1.845	508	937.26	47.00	44051
12	SB12	1.845	362	667.89	47.00	31391
13	SB13	1.845	345	636.53	47.00	29917
14	SB14	1.845	360	664.20	47.00	31217
15	SB15	1.845	475	876.38	47.00	41190
16	SB16	1.845	285	525.83	47.00	24714
17	SB17	1.845	360	664.20	47.00	31217
18	SB18	1.845	575	1060.88	47.00	49861
19	SB19	1.845	460	848.70	47.00	39889
20	SB20	1.845	385	710.33	47.00	33385
21	SB21	1.845	440	811.80	47.00	38155
22	SB22	1.845	350	645.75	47.00	30350
23	SB23	1.845	320	590.40	47.00	27749
24	SB24	1.845	380	701.10	47.00	32952
25	SB25	1.845	310	571.95	47.00	26882
26	SB26	1.845	340	627.30	47.00	29483
27	SB27	1.845	330	608.85	47.00	28616
28	SB28	1.845	490	904.05	47.00	42490
29	SB29	1.845	375	691.88	47.00	32518
30	SB30	1.845	290	535.05	47.00	25147
31	SB31	1.845	415	765.68	47.00	35987
32	SB32	1.845	420	774.90	47.00	36420
33	SB33	1.845	380	701.10	47.00	32952
34	SB34	1.845	526	970.47	47.00	45612
35	SB35	1.845	375	691.88	47.00	32518
36	SB36	1.845	295	544.28	47.00	25581
TOTAL		**66.42**	**13757**	**25381.67**		**1192938**

MARGINAL BUND (MB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	MB1	3.445	175	602.88	49.46	29818
2	MB2	3.445	220	757.90	49.46	37486
3	MB3	3.445	325	1119.63	49.46	55377
4	MB4	3.445	259	892.26	49.46	44131
5	MB5	3.445	275	947.38	49.46	46857
6	MB6	3.445	190	654.55	49.46	32374
7	MB7	3.445	263	906.04	49.46	44812
8	MB8	3.445	250	861.25	49.46	42597
9	MB9	3.445	275	947.38	49.46	46857
10	MB10	3.445	215	740.68	49.46	36634
11	MB11	3.445	275	947.38	49.46	46857
12	MB12	3.445	128	440.96	49.46	21810
TOTAL		**41.34**	**2850**	**9818.25**		**485611**

PERIPHERAL BUND (PB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	PB1	3.445	470	1619.15	49.46	80083
2	PB2	3.445	460	1584.70	49.46	78379
3	PB3	3.445	450	1550.25	49.46	76675
4	PB4	3.445	550	1894.75	49.46	93714
5	PB5	3.445	603	2077.34	49.46	102745
6	PB6	3.445	480	1653.60	49.46	81787
7	PB7	3.445	518	1784.51	49.46	88262

8	PB8	3.445	438	1508.91	49.46	74631
9	PB9	3.445	420	1446.90	49.46	71564
10	PB10	3.445	391	1347.00	49.46	66622
TOTAL		**34.450**	**4780**	**16467.10**		**814463**

ACTION PLAN OF WATERSHED DEVELOPMENT WORKS
IWMP - VI, MICRO WATERSHED (2C2A3v2a)

A	**CODE OF MICROWATERSHED**	**2C2A3v2a**
B	**NAME OF MICROWATERSHED**	**SUGIRA / RAMPURA QUADIM**
C	**TOTAL TREATABLE AREA OF MICROWATERSHED (IN Ha.)**	**1007.78**
D	**THE AMOUNT OF IWMP-VI, MICROWATERSHED (IN Work Head) 56%**	**6772282**
I. WORK HEAD IN WATER HARVESTING		
a	**COST OF 4 NOS. CHECKDAM @ Rs.709700/-per CHECKDAM.**	2838800
b	**COST OF 6 NOS. KACHCHA CHECKDAM @ Rs.125000/-per CHECKDAM.**	750000
TOTAL		**3588800**
II. SOIL AND WATER CONSERVATION		
a	**IN EARTH WORK HEAD**	2133625
b	**OTHER PUCCA FIELD STRUCTURE (for Small Spilway/Outlet)**	914411
SUB-TOTAL		**3048036**
III. IN FORESTATION WORK HEAD		**67723**

IV. IN HORTICULTURE WORK HEAD				**67723**
GRAND TOTAL				**6772282**
V.	**THE AMOUNT OF CONVERGENCE**	**a. IN WORK HEAD**	**i. IN EARTH WORK HEAD**	2116338
			ii. IN PUCCA FIELD STRUCTURE (FOR SMALL SPILWAY / OUTLET)	907002
		b. IN FORESTATION WORK HEAD		70545
		c. IN HORTICULTURE WORK HEAD		30233
		TOTAL AMOUNT OF CONVERGENCE		**3124118**

ESTIMATE OF EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FIELD BUND (FB) / CONTOUR BUND (CB)	0.500	10605.56	5302.78	47.00	249231
3	SUBMERGENCE BUND (SB)	1.845	17246	31818.87	47.00	1495487
4	MARGINAL BUND (MB)	3.445	3000	10335.00	49.46	511169
5	PERIPHARAL BUND (PB)	3.445	5853	20163.59	49.46	997291
6	WATER HARVESTING BUND (WHB)	11.970	1565	18733.05	53.21	996786
GRAND - TOTAL			**38269.56**	**86353.29**		**4249963**

FIELD BUND (FB) / CONTOUR BUND (CB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	FB1	0.500	365	182.50	47.00	8578
2	FB2	0.500	560	280.00	47.00	13160
3	FB3	0.500	440	220.00	47.00	10340

4	FB4	0.500	380	190.00	47.00	8930
5	FB5	0.500	430	215.00	47.00	10105
6	FB6	0.500	575	287.50	47.00	13513
7	FB7	0.500	330	165.00	47.00	7755
8	FB8	0.500	525	262.50	47.00	12338
9	FB9	0.500	465	232.50	47.00	10928
10	FB10	0.500	370	185.00	47.00	8695
11	FB11	0.500	344	172.00	47.00	8084
12	FB12	0.500	365	182.50	47.00	8578
13	FB13	0.500	310	155.00	47.00	7285
14	FB14	0.500	324.56	162.28	47.00	7627
15	FB15	0.500	468	234.00	47.00	10998
16	FB16	0.500	585	292.50	47.00	13748
17	FB17	0.500	520	260.00	47.00	12220
18	FB18	0.500	540	270.00	47.00	12690
19	FB19	0.500	480	240.00	47.00	11280
20	FB20	0.500	516	258.00	47.00	12126
21	FB21	0.500	475	237.50	47.00	11163
22	FB22	0.500	395	197.50	47.00	9283
23	FB23	0.500	356	178.00	47.00	8366
24	FB24	0.500	265	132.50	47.00	6228
25	FB25	0.500	222	111.00	47.00	5217
TOTAL		**12.500**	**10605.56**	**5302.78**		**249231**

SUBMERGENCE BUND (SB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	SB1	1.845	395	728.78	47.00	34252

2	SB2	1.845	430	793.35	47.00	37287
3	SB3	1.845	296	546.12	47.00	25668
4	SB4	1.845	345	636.53	47.00	29917
5	SB5	1.845	350	645.75	47.00	30350
6	SB6	1.845	436	804.42	47.00	37808
7	SB7	1.845	280	516.60	47.00	24280
8	SB8	1.845	290	535.05	47.00	25147
9	SB9	1.845	346	638.37	47.00	30003
10	SB10	1.845	526	970.47	47.00	45612
11	SB11	1.845	549	1012.91	47.00	47607
12	SB12	1.845	486	896.67	47.00	42143
13	SB13	1.845	345	636.53	47.00	29917
14	SB14	1.845	360	664.20	47.00	31217
15	SB15	1.845	475	876.38	47.00	41190
16	SB16	1.845	285	525.83	47.00	24714
17	SB17	1.845	360	664.20	47.00	31217
18	SB18	1.845	526	970.47	47.00	45612
19	SB19	1.845	460	848.70	47.00	39889
20	SB20	1.845	385	710.33	47.00	33385
21	SB21	1.845	440	811.80	47.00	38155
22	SB22	1.845	350	645.75	47.00	30350
23	SB23	1.845	320	590.40	47.00	27749
24	SB24	1.845	380	701.10	47.00	32952
25	SB25	1.845	310	571.95	47.00	26882
26	SB26	1.845	340	627.30	47.00	29483
27	SB27	1.845	330	608.85	47.00	28616
28	SB28	1.845	490	904.05	47.00	42490
29	SB29	1.845	375	691.88	47.00	32518
30	SB30	1.845	290	535.05	47.00	25147

31	SB31	1.845	415	765.68	47.00	35987
32	SB32	1.845	450	830.25	47.00	39022
33	SB33	1.845	380	701.10	47.00	32952
34	SB34	1.845	520	959.40	47.00	45092
35	SB35	1.845	375	691.88	47.00	32518
36	SB36	1.845	290	535.05	47.00	25147
37	SB37	1.845	550	1014.75	47.00	47693
38	SB38	1.845	485	894.83	47.00	42057
39	SB39	1.845	375	691.88	47.00	32518
40	SB40	1.845	456	841.32	47.00	39542
41	SB41	1.845	435	802.58	47.00	37721
42	SB42	1.845	358	660.51	47.00	31044
43	SB43	1.845	339	625.46	47.00	29396
44	SB44	1.845	268	494.46	47.00	23240
TOTAL		**81.18**	**17246**	**31818.87**		**1495487**

MARGINAL BUND (MB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	MB1	3.445	227	782.02	49.46	38678
2	MB2	3.445	286	985.27	49.46	48731
3	MB3	3.445	254	875.03	49.46	43279
4	MB4	3.445	346	1191.97	49.46	58955
5	MB5	3.445	275	947.38	49.46	46857
6	MB6	3.445	190	654.55	49.46	32374
7	MB7	3.445	265	912.93	49.46	45153
8	MB8	3.445	250	861.25	49.46	42597
9	MB9	3.445	275	947.38	49.46	46857

10	MB10	3.445	215	740.68	49.46	36634
11	MB11	3.445	285	981.83	49.46	48561
12	MB12	3.445	132	454.74	49.46	22491
TOTAL		**41.34**	**3000**	**10335.00**		**511169**

PERIPHERAL BUND (PB) EARTH WORK

S.NOS.	NAME OF WORK	CROSS-SECTION AREA (IN Mtr2)	QTY. OF WORK (In Mtr.)	SOIL WORK IN PER Cum	RATE (Rs.) Per Cum	Amount (Rs.)
1	PB1	3.445	470	1619.15	49.46	80083
2	PB2	3.445	518	1784.51	49.46	88262
3	PB3	3.445	538	1853.41	49.46	91670
4	PB4	3.445	550	1894.75	49.46	93714
5	PB5	3.445	603	2077.34	49.46	102745
6	PB6	3.445	480	1653.60	49.46	81787
7	PB7	3.445	518	1784.51	49.46	88262
8	PB8	3.445	438	1508.91	49.46	74631
9	PB9	3.445	420	1446.90	49.46	71564
10	PB10	3.445	443	1526.14	49.46	75483
11	PB11	3.445	349	1202.31	49.46	59466
12	PB12	3.445	526	1812.07	49.46	89625
TOTAL		**41.340**	**5853**	**20163.59**		**997291**

CHAPTER NO.-5

Year wise phasing physical & Financial item wise -

S. No.	Item	Phycal Year wise (area in ha.)					Financial Year wise (Rs. In Lacs.)				
		2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	2012-13	2013-14	Total
1	Administrative	-	-	-	-	-	12.60	17.01	17.01	16.38	63.00
2	D.P.R. Preparation	-	-	-	-	-	6.30	-	-	-	6.30
3	Monitoring	-	-	-	-	-	1.26	1.26	1.26	2.52	6.30
4	Evaluation						1.89	-	2.205	2.205	6.30
4	Entry Point Activity	-	-	-	-	-	25.20	-	-	-	25.20
5	Institutional & Capacity Building	-	-	-	-	-	18.90	4.725	4.725	3.15	31.50
6	Watershed works	703.125	1532.813	1500.00	1514.062	5250	47.25	103.005	100.80	101.745	352.80
7	Livelyhood & Income Generating	-	-	-	-	-	6.30	18.90	18.90	12.60	56.70
8	Production System	-	-	-	-	-	6.30	18.90	25.20	12.60	63.00

	Development										
9	Consolidation Phase	-	-	-	-	-	-	-	-	18.90	18.90
GRAND TOTAL		703.125	1532.813	1500.00	1514.062	5250	**126.00**	**264.60**	**171.045**	**68.355**	**630.00**

DETAIL OF ACTION PLAN OF WATERSHED WORKS MWS's WISE

Code of MWS: 2C2A3q2e

Name of MWS : VIJAYPUR

S. No.	Activity	2009-10		2010-11		2011-12		2012-13		2013-14		TOTAL	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	**Land Development**												
1.1	Afforestation			1	10850.2	1	21700.4	1	21700.4			3	54251
1.2	Horticulture			1	10850.2	1	21700.4	1	21700.4			3	54251
1.3	Agriculture												
1.4	Pasture												
	Sub- Total			**2**	**21700.4**	**2**	**43400.8**	**2**	**43400.8**			**6**	**108502**
2	**Soil and Moisture Conservation**												
2.1	FB			20.00	6449	40.00	9674	32.00	9674	42.00	6449	134.000	32246
2.2	SB			40.00	110913	85.00	166370	85.00	166370	85.00	110913	295.000	554566
2.3	MB			17.00	14417	40.703	21625	40.657	21625	40.819	14417	139.179	72084
2.4	PB			21.12	62638	60	9395	60.00	93957	62.00	6263	203.	31319

							7				8	120	1
	Sub- Total			**98.12**	**194417**	**225.703**	**291626**	**217.657**	**291626**	**229.819**	**194417**	**771.299**	**972087**
3	**Water Harvesting Structures (WHS)**												
3.1	CD			5	709700	5	709700	5	709700		0	15	2129100
3.2	Kachcha CD/Outlet (Nos)			3	125000	3	125000	6	250000	3	125000	15	625000
3.3	WHB				0		821632		0		0		821632
3.4	Outlet (Nos)				153747		230621		230621		153747		768736
	Sub- Total			**8**	**988447**	**8**	**1886953**	**11**	**1190321**		**278747**	**30**	**4344468**
	GRAND TOTAL			**108.12**	**726570**	**235.703**	**1583923**	**230.657**	**1550016**	**232.820**	**1564547**	**807.30**	**5425056**
S. No.	**Year**	**Fund from IWMP**		**Actual Expenditure**		**GAP**		**CONVERGENCE**		**Level Of Convergence**			
1	2009-10												
2	2010-11	726570		To be expented									
3	2011-12	1583923		To be expented									
4	2012-13	1550016		To be expented									
5	2013-14	1564547		To be expented									
	Project Cost as per sanction of IWMP				5425056				2502630	Manrega			7927686
	Actual Project Cost				5425056				2502630	Manrega			7927686
	Gap in Project Cost									Manrega			
	Project Cost /ha as per sanction of				12000				3100	Manrega			15100
	Actual Project Cost / ha				12000				3100	Manrega			15100

Code of MWS: 2C2A3x1a
Name of MWS : GAGAURA

S.No.	Activity	2009-10		2010-11		2011-12		2012-13		2013-14		TOTAL	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	**Land Development**												
1.1	Afforestation			1	6721.4	1	13442.8	1	13442.8			3	33607
1.2	Horticulture			1	6721.4	1	13442.8	1	13442.8			3	33607
1.3	Agriculture												
1.4	Pasture												
	Sub- Total			**2**	**13442.8**	**2**	**26885.6**	**2**	**26885.6**			**6**	**67214**
2	**Soil and Moisture Conservation**												
2.1	FB			11.00	11369	16.00	17054	14.00	17054	17.00	11369	58.000	56846
2.2	SB			24.00	45477	48.00	68216	46.00	68216	43.00	45476	161.000	227385
2.3	MB			13.00	22739	26.00	34108	26.00	34108	34.23	22738	99.225	113693
2.4	PB			16.98	34108	46.011	51161	46.89	51162	47.00	34108	156.877	170539
	Sub- Total			**64.98**	**113693**	**136.011**	**170539**	**132.886**	**170540**	**141.225**	**113691**	**475.102**	**568463**
3	**Water Harvesting Structures (WHS)**												
3.1	CD					5.00	709700	5.00	709700		0	10.00	1419400
3.2	Kachcha CD/Outlet (Nos)					3.00	125000	3.00	125000	3.00	125000	9.00	375000
3.3	WHB				0				480877		0		480877
3.4	Outlet (Nos)						157401		157401		134916		449718
	Sub- Total			**0**	**0**	**8.00**	**992101**	**8.00**	**1472978**	**3.00**	**259916**	**19.00**	**2724995**
	GRAND TOTAL			**66.98**	**127136**	**146.012**	**1189526**	**142.886**	**1670404**	**144.226**	**373607**	**500.10**	**3360672**

S.No.	Year	Fund from IWMP	Actual Expenditure	GAP	CONVERGENCE	Level Of Convergence		
1	2009-10							
2	2010-11	127136	To be expented					

3	2011-12	1189526	To be expented										
4	2012-13	1670404	To be expented										
5	2013-14	373607	To be expented										
	Project Cost as per sanction of IWMP			3360670				1550310	Manrega				4910980
	Actual Project Cost			3360670				1550310	Manrega				4910980
	Gap in Project Cost								Manrega				
	Project Cost /ha as per sanction of			12000				3100	Manrega				15100
	Actual Project Cost / ha			12000				3100	Manrega				15100

Code of MWS: 2C2A3q2d
Name of MWS : PANARA

S.No.	Activity	2009-10		2010-11		2011-12		2012-13		2013-14		TOTAL	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	**Land Development**												
1.1	Afforestation			1		1	21268	1	21268		18230	3	60766
1.2	Horticulture			1		1	21268	1	21268		18230	3	60766
1.3	Agriculture												
1.4	Pasture												
	Sub- Total			**2**	**0**	**2**	**42536**	**2**	**42536**		**36460**	**6**	**121532**
2	**Soil and Moisture Conservation**												
2.1	FB			32.00	24431	48.00	36647	44.00	36647	44.00	24432	168.000	122157
2.2	SB			45.00	97726	76.00	146588	76.00	146588	77.00	97726	274.000	488628
2.3	MB			26.00	48863	62.01	73295	62.00	73295	63.00	48862	213.009	244315
2.4	PB			16.1	73294	68.00	109941	63.36	109941	65.78	73295	213.236	366471

	Sub- Total			**119.1**	**244314**	**254.009**	**366471**	**245.357**	**366471**	**249.779**	**244315**	**868.245**	**1221571**
3	**Water Harvesting Structures (WHS)**												
3.1	CD					5.00	709700	5.00	709700	5.00	709700	15.00	2129100
3.2	Kachcha CD/Outlet (Nos)					3.00	125000	6.00	250000	6.00	250000	15.00	625000
3.3	WHB				0				1019078		0		1019078
3.4	Outlet (Nos)						336098		336097		288084		960279
	Sub- Total			**0**	**0**	**8.00**	**1170798**	**11.00**	**2314875**	**11.00**	**1247784**	**30.00**	**4733457**
	GRAND TOTAL			**121.10**	**244314**	**264.009**	**1579805**	**258.357**	**2723882**	**260.779**	**1528559**	**904.25**	**6076560**
S.No.	**Year**	**Fund from IWMP**		**Actual Expenditure**		**GAP**		**CONVERGENCE**		**Level Of Convergence**			
1	2009-10												
2	2010-11	244314		To be expented									
3	2011-12	1579805		To be expented									
4	2012-13	2723882		To be expented									
5	2013-14	1528559		To be expented									
	Project Cost as per sanction of IWMP				6076560				2803175	Manrega			8879735
	Actual Project Cost				6076560				2803175	Manrega			8879735
	Gap in Project Cost									Manrega			
	Project Cost /ha as per sanction of				12000				3100	Manrega			15100
	Actual Project Cost / ha				12000				3100	Manrega			15100

Code of MWS: 2C2A3x1d
Name of MWS : MAHUA ITAURA

S.No.	Activity	2009-10		2010-11		2011-12		2012-13		2013-14		TOTAL	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	**Land Development**												
1.1	Afforestation					1	16618	1	16618	1	14244	3	47480
1.2	Horticulture					1	16618	1	16618	1	14244	3	47480
1.3	Agriculture												
1.4	Pasture												
	Sub- Total					**2**	**33236**	**2**	**33236**	**2**	**28488**	**6**	**94960**
2	**Soil and Moisture Conservation**												
2.1	FB			32.00	24225	48.00	36338	44.00	36338	44.00	24225	168.000	121127
2.2	SB			45.00	96902	76.00	145353	76.00	145353	77.00	96902	274.000	484510
2.3	MB			26.00	48451	62.01	72676	62.00	72676	63.00	48451	213.009	242255
2.4	PB			16.1	72676	68.00	109015	63.36	109015	65.78	72676	213.236	363382
	Sub- Total			**119.1**	**242255**	**254.009**	**363382**	**245.357**	**363382**	**249.779**	**242255**	**868.245**	**1211274**
3	**Water Harvesting Structures (WHS)**												
3.1	CD							5.00	709700	5.00	709700	10.00	1419400
3.2	Kachcha CD/Outlet (Nos)					3.00	125000	3.00	125000	3.00	125000	9.00	375000
3.3	WHB				0				789785		0		789785
3.4	Outlet (Nos)						300159		300159		257279		857597
	Sub- Total			**0**	**0**	**3.00**	**425159**	**8.00**	**1924644**	**8.00**	**1091979**	**19.00**	**3441782**
	GRAND TOTAL			**94.63**	**242255**	**206.287**	**821777**	**201.871**	**2321262**	**203.764**	**1362722**	**706.55**	**4748016**

S.No.	Year	Fund from IWMP	Actual Expenditure	GAP	CONVERGENCE	Level Of Convergence		
1	2009-10							
2	2010-11	242255	To be expented					
3	2011-12	821777	To be expented					
4	2012-13	2321262	To be expented					

5	2013-14	1362722		To be expented									
	Project Cost as per sanction of IWMP				4748016				2190305	Manrega			6938321
	Actual Project Cost				4748016				2190305	Manrega			6938321
	Gap in Project Cost									Manrega			
	Project Cost /ha as per sanction of				12000				3100	Manrega			15100
	Actual Project Cost / ha				12000				3100	Manrega			15100

Code of MWS: 2C2A3q2c
Name of MWS : RICHHA

S.No.	Activity	2009-10		2010-11		2011-12		2012-13		2013-14		TOTAL	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	**Land Development**												
1.1	Afforestation					1	14544	1	14544	1	12466	3	41554
1.2	Horticulture					1	14544	1	14544	1	12466	3	41554
1.3	Agriculture												
1.4	Pasture												
	Sub- Total					**2**	**29088**	**2**	**29088**	**2**	**24932**	**6**	**83108**
2	**Soil and Moisture Conservation**												
2.1	FB			14.00	18579	19.00	27869	15.00	27869	17.00	18580	65.000	92897
2.2	SB			34.00	74318	57.00	111477	55.00	111477	56.00	74317	202.000	371589
2.3	MB			20.82	37159	47.54	55738	43.00	55738	44.33	37159	155.695	185794
2.4	PB			14.00	55738	52.00	83607	53.68	83607	51.00	55740	170.677	278692
	Sub- Total			**82.82**	**185794**	**175.54**	**278691**	**166.677**	**278691**	**168.333**	**185796**	**593.372**	**928972**
3	**Water Harvesting Structures (WHS)**												
3.1	CD							5.00	709700	5.00	709700	10.00	1419400
3.2	Kachcha CD/Outlet (Nos)					3.00	125000	3.00	125000	3.00	125000	9.00	375000
3.3	WHB				0				665585		0		665585
3.4	Outlet (Nos)						239183		239183		205015		683381
	Sub- Total			**0**	**0**	**3.00**	**364183**	**8.00**	**1739468**	**8.00**	**1039715**	**19.00**	**3143366**
	GRAND TOTAL	**0**		**82.82**	**185794**	**180.542**	**671962**	**176.677**	**2047247**	**178.333**	**1250443**	**618.37**	**4155446**

S.No.	Year	Fund from IWMP	Actual Expenditure	GAP	CONVERGENCE		Level Of Convergence		
1	2009-10								
2	2010-11	185794	To be expented						
3	2011-12	671962	To be expented						
4	2012-13	2047247	To be expented						
5	2013-14	1250443	To be expented						
	Project Cost as per sanction of IWMP		4155446			6155502	Manrega		10310948
	Actual Project Cost		4155446			6155502	Manrega		10310948
	Gap in Project Cost						Manrega		
	Project Cost /ha as per sanction of		12000			3100	Manrega		15100
	Actual Project Cost / ha		12000			3100	Manrega		15100

Code of MWS: 2C2A3w2c
Name of MWS : BAGOL

S.No.	Activity	2009-10		2010-11		2011-12		2012-13		2013-14		TOTAL	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	**Land Development**												
1.1	Afforestation					1	16597	1	16597	1	14226	3	47420
1.2	Horticulture					1	16597	1	16597	1	14226	3	47420
1.3	Agriculture												
1.4	Pasture												
	Sub- Total					**2**	**33194**	**2**	**33194**	**2**	**28452**	**6**	**94840**
2	**Soil and Moisture Conservation**												
2.1	FB			17.00	24168	33.00	36252	31.00	36252	32.00	24168	113.000	120840
2.2	SB			35.00	96672	66.00	145008	64.00	145008	65.50	96671	230.504	483359
2.3	MB			26.00	48336	45.03	72504	39.00	72504	38.00	48335	148.025	241679
2.4	PB			16.51	72504	57.00	108756	57.61	108756	58.00	72503	189.124	362519
	Sub- Total			**94.51**	**241680**	**201.025**	**362520**	**191.614**	**362520**	**193.504**	**241677**	**680.653**	**1208397**
3	**Water Harvesting Structures (WHS)**												
3.1	CD							5.00	709700	5.00	709700	10.00	1419400

3.2	Kachcha CD/Outlet (Nos)					3.00	125000	3.00	125000	3.00	125000	9.00	375000
3.3	WHB				0				788512		0		788512
3.4	Outlet (Nos)						299537		299537		256745		855819
	Sub- Total			**0**	**0**	**3.00**	**424537**	**8.00**	**1922749**	**8.00**	**1091445**	**19.00**	**3438731**
	GRAND TOTAL			**94.51**	**241680**	**206.025**	**820251**	**201.615**	**2318463**	**203.505**	**1361574**	**705.65**	**4741968**
S.No.	**Year**	**Fund from IWMP**		**Actual Expenditure**		**GAP**		**CONVERGENCE**		**Level Of Convergence**			
1	2009-10												
2	2010-11	241679		To be expented									
3	2011-12	820250		To be expented									
4	2012-13	2318462		To be expented									
5	2013-14	1361577		To be expented									
	Project Cost as per sanction of IWMP				4741968				2187515	Manrega			6929483
	Actual Project Cost				4741968				2187515	Manrega			6929483
	Gap in Project Cost									Manrega			
	Project Cost /ha as per sanction of				12000				3100	Manrega			15100
	Actual Project Cost / ha				12000				3100	Manrega			15100

Code of MWS: 2C2A3v2a

Name of MWS : SUGIRA / RAMPURA QUADIM

S.No.	Activity	2009-10		2010-11		2011-12		2012-13		2013-14		TOTAL	
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin
1	**Land Development**												
1.1	Afforestation					1	23703	1	23703	1	20317	3	67723
1.2	Horticulture					1	23703	1	23703	1	20317	3	67723
1.3	Agriculture												

1.4	Pasture												
	Sub- Total					**2**	**47406**	**2**	**47406**	**2**	**40634**	**6**	**135446**
2	**Soil and Moisture Conservation**												
2.1	FB			26.00	22737	39.24	34105	40.00	34105	41.00	22737	146.236	113684
2.2	SB			48.00	90947	89.00	136421	88.94	136421	87.64	90946	313.574	454735
2.3	MB			32.00	45474	65.00	68210	63.00	68210	63.00	45474	223.000	227368
2.4	PB			28.97	68210	88.00	102316	83.00	102316	81.00	68210	280.970	341052
	Sub- Total			**134.97**	**227368**	**281.236**	**341052**	**274.937**	**341052**	**272.637**	**227367**	**963.780**	**1136839**
3	**Water Harvesting Structures (WHS)**												
3.1	CD					5.00	709700	5.00	709700	10.00	1419400	20.00	2838800
3.2	Kachcha CD/Outlet (Nos)					6.00	250000	6.00	250000	6.00	250000	18.00	750000
3.3	WHB				0				996786		0		996786
3.4	Outlet (Nos)						320044		320044		274323		914411
	Sub- Total			**0**	**0**	**11.00**	**1279744**	**11.00**	**2276530**	**16.00**	**1943723**	**38.00**	**5499997**
	GRAND TOTAL	**0**		**134.97**	**227368**	**294.236**	**1668202**	**287.937**	**2664988**	**290.637**	**2211724**	**1007.78**	**6772282**

S.No.	Year	Fund from IWMP	Actual Expenditure	GAP	CONVERGENCE		Level Of Convergence		
1	2009-10								
2	2010-11	227368	To be expented						

3	2011-12	1668202	To be expented										
4	2012-13	2664988	To be expented										
5	2013-14	2211724	To be expented										
	Project Cost as per sanction of IWMP			6772282				3124118	Manrega				9896400
	Actual Project Cost			6772282				3124118	Manrega				9896400
	Gap in Project Cost								Manrega				
	Project Cost /ha as per sanction of			12000				3100	Manrega				15100
	Actual Project Cost / ha			12000				3100	Manrega				15100

MICRO WATERSHED WISE FINANCIAL AND PHYSICAL MONTHLY ACTION PLAN

Code of MWS: 2C2A3q2e

Name of MWS : VIJAYPUR

S.No.	Activity	2009-10		2010-11												
		Phy	Fin	Physical												
				April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**															
1.1	Afforestation			0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.2	Horticulture			0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.3	Agriculture															
1.4	Pasture															
	Sub- Total			0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2.00**
2	**Soil and Moisture Conservation**															
2.1	FB			3.00	3.00	2.00	0.60	0.60	0.80	3.00	2.00	1.00	1.00	1.00	2.00	20.00

2.2	SB			6.00	6.00	4.00	1.20	1.20	1.60	6.00	4.00	2.00	2.00	2.00	4.00	40.00
2.3	MB			2.55	2.55	1.70	0.51	0.51	0.68	2.55	1.70	0.85	0.85	0.85	1.70	17.00
2.4	PB			3.17	3.17	2.11	0.63	0.63	0.84	3.17	2.11	1.06	1.06	1.06	2.11	21.12
	Sub- Total			14.72	14.72	9.81	2.94	2.94	3.92	14.72	9.81	4.91	4.91	4.91	9.81	**98.12**
3	**Water Harvesting Structures (WHS)**															
3.1	CD			0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.00
3.2	Kachcha CD/Outlet (Nos)			0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
3.3	WHB															
3.4	Outlet (Nos)															
	Sub- Total			1.20	1.20	0.80	0.24	0.24	0.32	1.20	0.80	0.40	0.40	0.40	0.80	**8.00**
	GRAND TOTAL			16.22	16.22	10.81	3.24	3.24	4.32	16.22	10.81	5.41	5.41	5.41	10.81	**108.12**

S.No.	**Activity**	**2010-11**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	4340.08	4340.08	2170.04	0.00	0.00	0.00	0.00	0.00	0.00	10850.20
1.2	Horticulture	0.00	0.00	0.00	4340.08	4340.08	2170.04	0.00	0.00	0.00	0.00	0.00	0.00	10850.20
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	8680.16	8680.16	4340.08	0.00	0.00	0.00	0.00	0.00	0.00	**21700.40**

2	**Soil and Moisture Conservation**													
2.1	FB	967.38	967.38	644.92	193.48	193.48	257.97	967.38	644.92	322.46	322.46	322.46	644.92	6449.20
2.2	SB	16636.98	16636.98	11091.32	3327.40	3327.40	4436.53	16636.98	11091.32	5545.66	5545.66	5545.66	11091.32	110913.20
2.3	MB	2162.52	2162.52	1441.68	432.50	432.50	576.67	2162.52	1441.68	720.84	720.84	720.84	1441.68	14416.80
2.4	PB	9395.73	9395.73	6263.82	1879.15	1879.15	2505.53	9395.73	6263.82	3131.91	3131.91	3131.91	6263.82	62638.20
	Sub- Total	29162.61	29162.61	19441.74	5832.52	5832.52	7776.70	29162.61	19441.74	9720.87	9720.87	9720.87	19441.74	**194417.40**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.00	106455.00	70970.00	21291.00	21291.00	28388.00	106455.00	70970.00	35485.00	35485.00	35485.00	70970.00	709700.00
3.2	Kachcha CD/Outlet (Nos)	18750.00	18750.00	12500.00	3750.00	3750.00	5000.00	18750.00	12500.00	6250.00	6250.00	6250.00	12500.00	125000.00
3.3	WHB													0.00
3.4	Outlet (Nos)	23062.08	23062.08	15374.72	4612.42	4612.42	6149.89	23062.08	15374.72	7687.36	7687.36	7687.36	15374.72	153747.20
	Sub- Total	148267.08	148267.08	98844.72	29653.42	29653.42	39537.89	148267.08	98844.72	49422.36	49422.36	49422.36	98844.72	**988447.20**
	GRAND TOTAL	108985.50	108985.50	72657.00	21797.10	21797.10	29062.80	108985.50	72657.00	36328.50	36328.50	36328.50	72657.00	**726570.00**

S.No.	Activity	2011-12												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.2	Horticulture	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2.00**
2	**Soil and Moisture Conservation**													
2.1	FB	6.00	6.00	4.00	1.20	1.20	1.60	6.00	4.00	2.00	2.00	2.00	4.00	40.00
2.2	SB	12.75	12.75	8.50	2.55	2.55	3.40	12.75	8.50	4.25	4.25	4.25	8.50	85.00
2.3	MB	6.11	6.11	4.07	1.22	1.22	1.63	6.11	4.07	2.04	2.04	2.04	4.07	40.70
2.4	PB	9.00	9.00	6.00	1.80	1.80	2.40	9.00	6.00	3.00	3.00	3.00	6.00	60.00
	Sub- Total	33.86	33.86	22.57	6.77	6.77	9.03	33.86	22.57	11.29	11.29	11.29	22.57	**225.70**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.00
3.2	Kachcha CD/Outlet (Nos)	0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.20	1.20	0.80	0.24	0.24	0.32	1.20	0.80	0.40	0.40	0.40	0.80	**8.00**
	GRAND TOTAL	35.36	35.36	23.57	7.07	7.07	9.43	35.36	23.57	11.79	11.79	11.79	23.57	**235.70**

S. N.	Activity	2011-12												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	8680.16	8680.16	4340.08	0.00	0.00	0.00	0.00	0.00	0.00	21700.40
1.2	Horticulture	0.00	0.00	0.00	8680.16	8680.16	4340.08	0.00	0.00	0.00	0.00	0.00	0.00	21700.40
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	17360.32	17360.32	8680.16	0.00	0.00	0.00	0.00	0.00	0.00	**43400.80**
2	**Soil and Moisture Conservation**													
2.1	FB	1451.07	1451.07	967.38	290.21	290.21	386.95	1451.07	967.38	483.69	483.69	483.69	967.38	9673.80
2.2	SB	24955.47	24955.47	16636.98	4991.09	4991.09	6654.79	24955.47	16636.98	8318.49	8318.49	8318.49	16636.98	166369.80
2.3	MB	3243.78	3243.78	2162.52	648.76	648.76	865.01	3243.78	2162.52	1081.26	1081.26	1081.26	2162.52	21625.20
2.4	PB	14093.60	14093.60	9395.73	2818.72	2818.72	3758.29	14093.60	9395.73	4697.87	4697.87	4697.87	9395.73	93957.30
	Sub- Total	43743.92	43743.92	29162.61	8748.78	8748.78	11665.04	43743.92	29162.61	14581.31	14581.31	14581.31	29162.61	**291626.10**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.00	106455.00	70970.00	21291.00	21291.00	28388.00	106455.00	70970.00	35485.00	35485.00	35485.00	70970.00	709700.00

3.2	Kachcha CD/Outlet (Nos)	18750.00	18750.00	12500.00	3750.00	3750.00	5000.00	18750.00	12500.00	6250.00	6250.00	6250.00	12500.00	125000.00
3.3	WHB	123244.80	123244.80	82163.20	24648.96	24648.96	32865.28	123244.80	82163.20	41081.60	41081.60	41081.60	82163.20	821632.00
3.4	Outlet (Nos)	34593.12	34593.12	23062.08	6918.62	6918.62	9224.83	34593.12	23062.08	11531.04	11531.04	11531.04	23062.08	230620.80
	Sub- Total	283042.92	283042.92	188695.28	56608.58	56608.58	75478.11	283042.92	188695.28	94347.64	94347.64	94347.64	188695.28	**1886952.80**
	GRAND TOTAL	237588.39	237588.39	158392.26	47517.68	47517.68	63356.90	237588.39	158392.26	79196.13	79196.13	79196.13	158392.26	**1583922.60**

S.N.	**Activity**	**2012-13**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.2	Horticulture	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2.00**
2	**Soil and Moisture Conservation**													
2.1	FB	4.80	4.80	3.20	0.96	0.96	1.28	4.80	3.20	1.60	1.60	1.60	3.20	32.00
2.2	SB	12.75	12.75	8.50	2.55	2.55	3.40	12.75	8.50	4.25	4.25	4.25	8.50	85.00

2.3	MB	6.10	6.10	4.07	1.22	1.22	1.63	6.10	4.07	2.03	2.03	2.03	4.07	40.66
2.4	PB	9.00	9.00	6.00	1.80	1.80	2.40	9.00	6.00	3.00	3.00	3.00	6.00	60.00
	Sub- Total	32.65	32.65	21.77	6.53	6.53	8.71	32.65	21.77	10.88	10.88	10.88	21.77	**217.66**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.00
3.2	Kachcha CD/Outlet (Nos)	0.90	0.90	0.60	0.18	0.18	0.24	0.90	0.60	0.30	0.30	0.30	0.60	6.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.65	1.65	1.10	0.33	0.33	0.44	1.65	1.10	0.55	0.55	0.55	1.10	**11.00**
	GRAND TOTAL	34.60	34.60	23.07	6.92	6.92	9.23	34.60	23.07	11.53	11.53	11.53	23.07	**230.66**

S.N.	**Activity**	**2012-13**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	8680.16	8680.16	4340.08	0.00	0.00	0.00	0.00	0.00	0.00	21700.40
1.2	Horticulture	0.00	0.00	0.00	8680.16	8680.16	4340.08	0.00	0.00	0.00	0.00	0.00	0.00	21700.40
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	17360.32	17360.32	8680.16	0.00	0.00	0.00	0.00	0.00	0.00	**43400.80**

2	**Soil and Moisture Conservation**													
2.1	FB	1451.07	1451.07	967.38	290.21	290.21	386.95	1451.07	967.38	483.69	483.69	483.69	967.38	9673.80
2.2	SB	24955.47	24955.47	16636.98	4991.09	4991.09	6654.79	24955.47	16636.98	8318.49	8318.49	8318.49	16636.98	166369.80
2.3	MB	3243.78	3243.78	2162.52	648.76	648.76	865.01	3243.78	2162.52	1081.26	1081.26	1081.26	2162.52	21625.20
2.4	PB	14093.60	14093.60	9395.73	2818.72	2818.72	3758.29	14093.60	9395.73	4697.87	4697.87	4697.87	9395.73	93957.30
	Sub- Total	43743.92	43743.92	29162.61	8748.78	8748.78	11665.04	43743.92	29162.61	14581.31	14581.31	14581.31	29162.61	**291626.10**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.00	106455.00	70970.00	21291.00	21291.00	28388.00	106455.00	70970.00	35485.00	35485.00	35485.00	70970.00	709700.00
3.2	Kachcha CD/Outlet (Nos)	37500.00	37500.00	25000.00	7500.00	7500.00	10000.00	37500.00	25000.00	12500.00	12500.00	12500.00	25000.00	250000.00
3.3	WHB													0.00
3.4	Outlet (Nos)	34593.12	34593.12	23062.08	6918.62	6918.62	9224.83	34593.12	23062.08	11531.04	11531.04	11531.04	23062.08	230620.80
	Sub- Total	178548.12	178548.12	119032.08	35709.62	35709.62	47612.83	178548.12	119032.08	59516.04	59516.04	59516.04	119032.08	**1190320.80**
	GRAND TOTAL	232502.40	232502.40	155001.60	46500.48	46500.48	62000.64	232502.40	155001.60	77500.80	77500.80	77500.80	155001.60	**1550016.00**

S.N.	**Activity**	**2013-14**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**

1	**Land Development**													
1.1	Afforestation	0.00												
1.2	Horticulture	0.00												
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00												
2	**Soil and Moisture Conservation**													
2.1	FB	6.30	6.30	4.20	1.26	1.26	1.68	6.30	4.20	2.10	2.10	2.10	4.20	42.00
2.2	SB	12.75	12.75	8.50	2.55	2.55	3.40	12.75	8.50	4.25	4.25	4.25	8.50	85.00
2.3	MB	6.12	6.12	4.08	1.22	1.22	1.63	6.12	4.08	2.04	2.04	2.04	4.08	40.82
2.4	PB	9.30	9.30	6.20	1.86	1.86	2.48	9.30	6.20	3.10	3.10	3.10	6.20	62.00
	Sub- Total	34.47	34.47	22.98	6.89	6.89	9.19	34.47	22.98	11.49	11.49	11.49	22.98	**229.82**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													
3.2	Kachcha CD/Outlet (Nos)	0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total													
	GRAND TOTAL													**232.82**

S.N.	**Activity**	**2013-14**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**

1	**Land Development**													
1.1	Afforestation													
1.2	Horticulture													
1.3	Agriculture													
1.4	Pasture													
	Sub- Total													
2	**Soil and Moisture Conservation**													
2.1	FB	967.38	967.38	644.92	193.48	193.48	257.97	967.38	644.92	322.46	322.46	322.46	644.92	6449.20
2.2	SB	16636.98	16636.98	11091.32	3327.40	3327.40	4436.53	16636.98	11091.32	5545.66	5545.66	5545.66	11091.32	110913.20
2.3	MB	2162.52	2162.52	1441.68	432.50	432.50	576.67	2162.52	1441.68	720.84	720.84	720.84	1441.68	14416.80
2.4	PB	9395.73	9395.73	6263.82	1879.15	1879.15	2505.53	9395.73	6263.82	3131.91	3131.91	3131.91	6263.82	62638.20
	Sub- Total	29162.61	29162.61	19441.74	5832.52	5832.52	7776.70	29162.61	19441.74	9720.87	9720.87	9720.87	19441.74	**194417.40**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													0.00
3.2	Kachcha CD/Outlet (Nos)	18750.00	18750.00	12500.00	3750.00	3750.00	5000.00	18750.00	12500.00	6250.00	6250.00	6250.00	12500.00	125000.00
3.3	WHB													0.00
3.4	Outlet (Nos)	23062.05	23062.05	15374.70	4612.41	4612.41	6149.88	23062.05	15374.70	7687.35	7687.35	7687.35	15374.70	153747.00
	Sub- Total	41812.05	41812.05	27874.70	8362.41	8362.41	11149.88	41812.05	27874.70	13937.35	13937.35	13937.35	27874.70	**278747.00**

	GRAND TOTAL	234682.11	234682.11	156454.74	46936.42	46936.42	62581.90	234682.11	156454.74	78227.37	78227.37	78227.37	156454.74	**1564547.40**

S.N.	Activity	TOTAL (2010-11)(2011-12)(2012-13),(2013-14)	
		Phy	**Fin**
1	**Land Development**		
1.1	Afforestation	3.00	54251.00
1.2	Horticulture	3.00	54251.00
1.3	Agriculture		
1.4	Pasture		
	Sub- Total	**6.00**	**108502.00**
2	**Soil and Moisture Conservation**		
2.1	FB	134.00	32246.00
2.2	SB	295.00	554566.00
2.3	MB	139.18	72084.00
2.4	PB	203.12	313191.00
	Sub- Total	**771.30**	**972087.00**
3	**Water Harvesting Structures (WHS)**		
3.1	CD	15.00	2129100.00
3.2	Kachcha CD/Outlet (Nos)	15.00	625000.00
3.3	WHB		821632.00
3.4	Outlet (Nos)		768735.80
	Sub- Total	**30.00**	**4344467.80**
	GRAND TOTAL	**807.30**	**5425056.00**

S.No.	Activity	2009-10		2010-11												
		Phy	Fin	Physical												
				April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**															
1.1	Afforestation			0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.2	Horticulture			0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.3	Agriculture															
1.4	Pasture															
	Sub- Total			0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
2	**Soil and Moisture Conservation**															
2.1	FB			1.7	1.7	1.1	0.3	0.3	0.4	1.7	1.1	0.6	0.6	0.6	1.1	11.00
2.2	SB			3.6	3.6	2.4	0.7	0.7	1.0	3.6	2.4	1.2	1.2	1.2	2.4	24.00
2.3	MB			2.0	2.0	1.3	0.4	0.4	0.5	2.0	1.3	0.7	0.7	0.7	1.3	13.00
2.4	PB			2.5	2.5	1.7	0.5	0.5	0.7	2.5	1.7	0.8	0.8	0.8	1.7	16.98
	Sub- Total			9.7	9.7	6.5	1.9	1.9	2.6	9.7	6.5	3.2	3.2	3.2	6.5	**64.98**
3	**Water Harvesting Structures (WHS)**															
3.1	CD															
3.2	Kachcha CD/Outlet (Nos)															
3.3	WHB															
3.4	Outlet (Nos)															
	Sub- Total															**0**
	GRAND TOTAL			**10.0**	**10.0**	**6.7**	**2.0**	**2.0**	**2.7**	**10.0**	**6.7**	**3.3**	**3.3**	**3.3**	**6.7**	**66.98**

S.No.	Activity	2010-11												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	2688.6	2688.6	1344.3	0.0	0.0	0.0	0.0	0.0	0.0	6721.4
1.2	Horticulture	0.0	0.0	0.0	2688.6	2688.6	1344.3	0.0	0.0	0.0	0.0	0.0	0.0	6721.4
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	5377.1	5377.1	2688.6	0.0	0.0	0.0	0.0	0.0	0.0	**13442.8**
2	**Soil and Moisture Conservation**													
2.1	FB	1705.4	1705.4	1136.9	341.1	341.1	454.8	1705.4	1136.9	568.5	568.5	568.5	1136.9	11369
2.2	SB	6821.6	6821.6	4547.7	1364.3	1364.3	1819.1	6821.6	4547.7	2273.9	2273.9	2273.9	4547.7	45477
2.3	MB	3410.9	3410.9	2273.9	682.2	682.2	909.6	3410.9	2273.9	1137.0	1137.0	1137.0	2273.9	22739
2.4	PB	5116.2	5116.2	3410.8	1023.2	1023.2	1364.3	5116.2	3410.8	1705.4	1705.4	1705.4	3410.8	34108
	Sub- Total	17054.0	17054.0	11369.3	3410.8	3410.8	4547.7	17054.0	11369.3	5684.7	5684.7	5684.7	11369.3	**113693**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													
3.2	Kachcha CD/Outlet (Nos)													

3.3	WHB													0
3.4	Outlet (Nos)													
	Sub- Total													**0**
	GRAND TOTAL	19070.4	19070.4	12713.6	3814.1	3814.1	5085.4	19070.4	12713.6	6356.8	6356.8	6356.8	12713.6	**127136**

S.No.	**Activity**	**2011-12**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.2	Horticulture	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
2	**Soil and Moisture Conservation**													
2.1	FB	2.4	2.4	1.6	0.5	0.5	0.6	2.4	1.6	0.8	0.8	0.8	1.6	16.00
2.2	SB	7.2	7.2	4.8	1.4	1.4	1.9	7.2	4.8	2.4	2.4	2.4	4.8	48.00
2.3	MB	3.9	3.9	2.6	0.8	0.8	1.0	3.9	2.6	1.3	1.3	1.3	2.6	26.00
2.4	PB	6.9	6.9	4.6	1.4	1.4	1.8	6.9	4.6	2.3	2.3	2.3	4.6	46.011
	Sub- Total	20.4	20.4	13.6	4.1	4.1	5.4	20.4	13.6	6.8	6.8	6.8	13.6	**136.011**
3	**Water Harvesting Structures (WHS)**													

3.1	CD	0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00
3.2	Kachcha CD/Outlet (Nos)	0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.2	1.2	0.8	0.2	0.2	0.3	1.2	0.8	0.4	0.4	0.4	0.8	**8.00**
	GRAND TOTAL	21.9	21.9	14.6	4.4	4.4	5.8	21.9	14.6	7.3	7.3	7.3	14.6	**146.012**

S.No.	**Activity**	**2011-12**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	5377.1	5377.1	2688.6	0.0	0.0	0.0	0.0	0.0	0.0	13442.8
1.2	Horticulture	0.0	0.0	0.0	5377.1	5377.1	2688.6	0.0	0.0	0.0	0.0	0.0	0.0	13442.8
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	10754.2	10754.2	5377.1	0.0	0.0	0.0	0.0	0.0	0.0	**26885.6**
2	**Soil and Moisture Conservation**													
2.1	FB	2558.1	2558.1	1705.4	511.6	511.6	682.2	2558.1	1705.4	852.7	852.7	852.7	1705.4	17054
2.2	SB	10232.4	10232.4	6821.6	2046.5	2046.5	2728.6	10232.4	6821.6	3410.8	3410.8	3410.8	6821.6	68216
2.3	MB	5116.2	5116.2	3410.8	1023.2	1023.2	1364.3	5116.2	3410.8	1705.4	1705.4	1705.4	3410.8	34108
2.4	PB	7674.2	7674.2	5116.1	1534.8	1534.8	2046.4	7674.2	5116.1	2558.1	2558.1	2558.1	5116.1	51161
	Sub- Total	25580.9	25580.9	17053.9	5116.2	5116.2	6821.6	25580.9	17053.9	8527.0	8527.0	8527.0	17053.9	**170539**
3	**Water Harvesting**													

	Structures (WHS)													
3.1	CD	106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
3.2	Kachcha CD/Outlet (Nos)	18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
3.3	WHB													
3.4	Outlet (Nos)	23610.2	23610.2	15740.1	4722.0	4722.0	6296.0	23610.2	15740.1	7870.1	7870.1	7870.1	15740.1	157401
	Sub- Total	148815.2	148815.2	99210.1	29763.0	29763.0	39684.0	148815.2	99210.1	49605.1	49605.1	49605.1	99210.1	**992101**
	GRAND TOTAL	178428.8	178428.8	118952.6	35685.8	35685.8	47581.0	178428.8	118952.6	59476.3	59476.3	59476.3	118952.6	**1189526**

S.No.	**Activity**	**2012-13**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.000
1.2	Horticulture	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.000
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2.000**
2	**Soil and Moisture Conservation**													
2.1	FB	2.10	2.10	1.40	0.42	0.42	0.56	2.10	1.40	0.70	0.70	0.70	1.40	14.000
2.2	SB	6.90	6.90	4.60	1.38	1.38	1.84	6.90	4.60	2.30	2.30	2.30	4.60	46.000
2.3	MB	3.90	3.90	2.60	0.78	0.78	1.04	3.90	2.60	1.30	1.30	1.30	2.60	26.000
2.4	PB	7.03	7.03	4.69	1.41	1.41	1.88	7.03	4.69	2.34	2.34	2.34	4.69	46.886
	Sub- Total	19.93	19.93	13.29	3.99	3.99	5.32	19.93	13.29	6.64	6.64	6.64	13.29	**132.886**

3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.000
3.2	Kachcha CD/Outlet (Nos)	0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.000
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.20	1.20	0.80	0.24	0.24	0.32	1.20	0.80	0.40	0.40	0.40	0.80	**8.000**
	GRAND TOTAL	21.43	21.43	14.29	4.29	4.29	5.72	21.43	14.29	7.14	7.14	7.14	14.29	**142.886**

S.No.	**Activity**	**2012-13**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	5377.1	5377.1	2688.6	0.0	0.0	0.0	0.0	0.0	0.0	13442.8
1.2	Horticulture	0.0	0.0	0.0	5377.1	5377.1	2688.6	0.0	0.0	0.0	0.0	0.0	0.0	13442.8
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	10754.2	10754.2	5377.1	0.0	0.0	0.0	0.0	0.0	0.0	**26885.6**
2	**Soil and Moisture Conservation**													
2.1	FB	2558.1	2558.1	1705.4	511.6	511.6	682.2	2558.1	1705.4	852.7	852.7	852.7	1705.4	17054
2.2	SB	10232.4	10232.4	6821.6	2046.5	2046.5	2728.6	10232.4	6821.6	3410.8	3410.8	3410.8	6821.6	68216
2.3	MB	5116.2	5116.2	3410.8	1023.2	1023.2	1364.3	5116.2	3410.8	1705.4	1705.4	1705.4	3410.8	34108

2.4	PB	7674.3	7674.3	5116.2	1534.9	1534.9	2046.5	7674.3	5116.2	2558.1	2558.1	2558.1	5116.2	51162
	Sub- Total	25581.0	25581.0	17054.0	5116.2	5116.2	6821.6	25581.0	17054.0	8527.0	8527.0	8527.0	17054.0	**170540**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
3.2	Kachcha CD/Outlet (Nos)	18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
3.3	WHB	72131.6	72131.6	48087.7	14426.3	14426.3	19235.1	72131.6	48087.7	24043.9	24043.9	24043.9	48087.7	480877
3.4	Outlet (Nos)	23610.2	23610.2	15740.1	4722.0	4722.0	6296.0	23610.2	15740.1	7870.1	7870.1	7870.1	15740.1	157401
	Sub- Total	220946.7	220946.7	147297.8	44189.3	44189.3	58919.1	220946.7	147297.8	73648.9	73648.9	73648.9	147297.8	**1472978**
	GRAND TOTAL	250560.5	250560.5	167040.4	50112.1	50112.1	66816.1	250560.5	167040.4	83520.2	83520.2	83520.2	167040.4	**1670404**

S.No.	**Activity**	**2013-14**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
1.2	Horticulture	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.0
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	**0.0**
2	**Soil and Moisture Conservation**													
2.1	FB	2.55	2.55	1.70	0.51	0.51	0.68	2.55	1.70	0.85	0.85	0.85	1.70	17.00
2.2	SB	6.45	6.45	4.30	1.29	1.29	1.72	6.45	4.30	2.15	2.15	2.15	4.30	43.00

2.3	MB	5.13	5.13	3.42	1.03	1.03	1.37	5.13	3.42	1.71	1.71	1.71	3.42	34.23
2.4	PB	7.05	7.05	4.70	1.41	1.41	1.88	7.05	4.70	2.35	2.35	2.35	4.70	47.00
	Sub- Total	21.18	21.18	14.12	4.24	4.24	5.65	21.18	14.12	7.06	7.06	7.06	14.12	**141.225**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													
3.2	Kachcha CD/Outlet (Nos)	0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	**3.00**
	GRAND TOTAL	21.63	21.63	14.42	4.33	4.33	5.77	21.63	14.42	7.21	7.21	7.21	14.42	**144.226**

S.No.	**Activity**	**2013-14**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1.2	Horticulture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
2	**Soil and Moisture**													

	Conservation													
2.1	FB	1705.4	1705.4	1136.9	341.1	341.1	454.8	1705.4	1136.9	568.5	568.5	568.5	1136.9	11369
2.2	SB	6821.4	6821.4	4547.6	1364.3	1364.3	1819.0	6821.4	4547.6	2273.8	2273.8	2273.8	4547.6	45476
2.3	MB	3410.7	3410.7	2273.8	682.1	682.1	909.5	3410.7	2273.8	1136.9	1136.9	1136.9	2273.8	22738
2.4	PB	5116.2	5116.2	3410.8	1023.2	1023.2	1364.3	5116.2	3410.8	1705.4	1705.4	1705.4	3410.8	34108
	Sub- Total	17053.7	17053.7	11369.1	3410.7	3410.7	4547.6	17053.7	11369.1	5684.6	5684.6	5684.6	11369.1	**113691**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0
3.2	Kachcha CD/Outlet (Nos)	18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
3.3	WHB													0
3.4	Outlet (Nos)	20237.4	20237.4	13491.6	4047.5	4047.5	5396.6	20237.4	13491.6	6745.8	6745.8	6745.8	13491.6	134916
	Sub- Total	38987.4	38987.4	25991.6	7797.5	7797.5	10396.6	38987.4	25991.6	12995.8	12995.8	12995.8	25991.6	**259916**
	GRAND TOTAL	56041.1	56041.1	37360.7	11208.2	11208.2	14944.3	56041.1	37360.7	18680.4	18680.4	18680.4	37360.7	**373607**

S.No.	**Activity**	**TOTAL (2010-11)(2011-12)(2012-13),(2013-14)**	
		Phy	**Fin**
1	**Land Development**		
1.1	Afforestation	3	33607
1.2	Horticulture	3	33607
1.3	Agriculture		

1.4	Pasture		
	Sub- Total	**6**	**67214**
2	**Soil and Moisture Conservation**		
2.1	FB	58.000	56846
2.2	SB	161.000	227385
2.3	MB	99.225	113693
2.4	PB	156.877	170539
	Sub- Total	**475.102**	**568463**
3	**Water Harvesting Structures (WHS)**		
3.1	CD	10.00	1419400
3.2	Kachcha CD/Outlet (Nos)	9.00	375000
3.3	WHB		480877
3.4	Outlet (Nos)		449718
	Sub- Total	**19.00**	**2724995**
	GRAND TOTAL	**500.10**	**3360672**

Code of MWS: 2C2A3q2d

Name of MWS : PANARA

S.No.	Activity	2009-10		2010-11											
		Phy	Fin	Physical											
				April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**															
1.1	Afforestation			0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.2	Horticulture			0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1.00
1.3	Agriculture															
1.4	Pasture															
	Sub- Total			0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2.00**
2	**Soil and Moisture Conservation**															
2.1	FB			4.80	4.80	3.20	0.96	0.96	1.28	4.80	3.20	1.60	1.60	1.60	3.20	32.00
2.2	SB			6.75	6.75	4.50	1.35	1.35	1.80	6.75	4.50	2.25	2.25	2.25	4.50	45.00
2.3	MB			3.90	3.90	2.60	0.78	0.78	1.04	3.90	2.60	1.30	1.30	1.30	2.60	26.00
2.4	PB			2.42	2.42	1.61	0.48	0.48	0.64	2.42	1.61	0.81	0.81	0.81	1.61	16.10
	Sub- Total			**17.87**	**17.87**	**11.91**	**3.57**	**3.57**	**4.76**	**17.87**	**11.91**	**5.96**	**5.96**	**5.96**	**11.91**	**119.10**
3	**Water Harvesting Structures (WHS)**															
3.1	CD															
3.2	Kachcha CD/Outlet (Nos)															
3.3	WHB															
3.4	Outlet (Nos)															
	Sub- Total															**0**
	GRAND TOTAL			**18.17**	**18.17**	**12.11**	**3.63**	**3.63**	**4.84**	**18.17**	**12.11**	**6.06**	**6.06**	**6.06**	**12.11**	**121.10**

S.No.	Activity	2010-11												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation													1
1.2	Horticulture													1
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0	0	0	0	0	0	0	0	0	0	0	0	**2**
2	**Soil and Moisture Conservation**													
2.1	FB	3665	3665	2443	733	733	977	3665	2443	1222	1222	1222	2443	24431
2.2	SB	14659	14659	9773	2932	2932	3909	14659	9773	4886	4886	4886	9773	97726
2.3	MB	7329	7329	4886	1466	1466	1955	7329	4886	2443	2443	2443	4886	48863
2.4	PB	10994	10994	7329	2199	2199	2932	10994	7329	3665	3665	3665	7329	73294
	Sub- Total	**36647**	**36647**	**24431**	**7329**	**7329**	**9773**	**36647**	**24431**	**12216**	**12216**	**12216**	**24431**	**244314**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													
3.2	Kachcha CD/Outlet (Nos)													
3.3	WHB													0
3.4	Outlet (Nos)													
	Sub- Total													**0**
	GRAND TOTAL	**36647.4**	**36647.4**	**24431.6**	**7329.5**	**7329.5**	**9772.6**	**36647.4**	**24431.6**	**12215.8**	**12215.8**	**12215.8**	**24431.6**	**244316**

S.No.	Activity	2011-12												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.2	Horticulture	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
2	**Soil and Moisture Conservation**													
2.1	FB	7.2	7.2	4.8	1.4	1.4	1.9	7.2	4.8	2.4	2.4	2.4	4.8	48.00
2.2	SB	11.4	11.4	7.6	2.3	2.3	3.0	11.4	7.6	3.8	3.8	3.8	7.6	76.00
2.3	MB	9.3	9.3	6.2	1.9	1.9	2.5	9.3	6.2	3.1	3.1	3.1	6.2	62.01
2.4	PB	10.2	10.2	6.8	2.0	2.0	2.7	10.2	6.8	3.4	3.4	3.4	6.8	68.00
	Sub- Total	**38.1**	**38.1**	**25.4**	**7.6**	**7.6**	**10.2**	**38.1**	**25.4**	**12.7**	**12.7**	**12.7**	**25.4**	**254.009**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00
3.2	Kachcha CD/Outlet (Nos)	0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.2	1.2	0.8	0.2	0.2	0.3	1.2	0.8	0.4	0.4	0.4	0.8	**8.00**
	GRAND TOTAL	**39.6**	**39.6**	**26.4**	**7.9**	**7.9**	**10.6**	**39.6**	**26.4**	**13.2**	**13.2**	**13.2**	**26.4**	**264.009**

S.No.	Activity	2011-12												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**

1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	8507.2	8507.2	4253.6	0.0	0.0	0.0	0.0	0.0	0.0	21268
1.2	Horticulture	0.0	0.0	0.0	8507.2	8507.2	4253.6	0.0	0.0	0.0	0.0	0.0	0.0	21268
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	17014.4	17014.4	8507.2	0.0	0.0	0.0	0.0	0.0	0.0	**42536**
2	**Soil and Moisture Conservation**													
2.1	FB	5497.1	5497.1	3664.7	1099.4	1099.4	1465.9	5497.1	3664.7	1832.4	1832.4	1832.4	3664.7	36647
2.2	SB	21988.2	21988.2	14658.8	4397.6	4397.6	5863.5	21988.2	14658.8	7329.4	7329.4	7329.4	14658.8	146588
2.3	MB	10994.3	10994.3	7329.5	2198.9	2198.9	2931.8	10994.3	7329.5	3664.8	3664.8	3664.8	7329.5	73295
2.4	PB	16491.2	16491.2	10994.1	3298.2	3298.2	4397.6	16491.2	10994.1	5497.1	5497.1	5497.1	10994.1	109941
	Sub- Total	**54970.7**	**54970.7**	**36647.1**	**10994.1**	**10994.1**	**14658.8**	**54970.7**	**36647.1**	**18323.6**	**18323.6**	**18323.6**	**36647.1**	**366471**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
3.2	Kachcha CD/Outlet (Nos)	18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
3.3	WHB													
3.4	Outlet (Nos)	50414.7	50414.7	33609.8	10082.9	10082.9	13443.9	50414.7	33609.8	16804.9	16804.9	16804.9	33609.8	336098
	Sub- Total	175619.7	175619.7	117079.8	35123.9	35123.9	46831.9	175619.7	117079.8	58539.9	58539.9	58539.9	117079.8	**1170798**
	GRAND TOTAL	**236970.8**	**236970.8**	**157980.5**	**47394.2**	**47394.2**	**63192.2**	**236970.8**	**157980.5**	**78990.3**	**78990.3**	**78990.3**	**157980.5**	**1579805**

S.No.	Activity	2012-13												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.2	Horticulture	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
2	**Soil and Moisture Conservation**													
2.1	FB	6.6	6.6	4.4	1.3	1.3	1.8	6.6	4.4	2.2	2.2	2.2	4.4	44.00
2.2	SB	11.4	11.4	7.6	2.3	2.3	3.0	11.4	7.6	3.8	3.8	3.8	7.6	76.00
2.3	MB	9.3	9.3	6.2	1.9	1.9	2.5	9.3	6.2	3.1	3.1	3.1	6.2	62.00
2.4	PB	9.5	9.5	6.3	1.9	1.9	2.5	9.5	6.3	3.2	3.2	3.2	6.3	63.36
	Sub- Total	**36.8**	**36.8**	**24.5**	**7.4**	**7.4**	**9.8**	**36.8**	**24.5**	**12.3**	**12.3**	**12.3**	**24.5**	**245.357**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00
3.2	Kachcha CD/Outlet (Nos)	0.9	0.9	0.6	0.2	0.2	0.2	0.9	0.6	0.3	0.3	0.3	0.6	6.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.7	1.7	1.1	0.3	0.3	0.4	1.7	1.1	0.6	0.6	0.6	1.1	**11.00**
	GRAND TOTAL	**38.8**	**38.8**	**25.8**	**7.8**	**7.8**	**10.3**	**38.8**	**25.8**	**12.9**	**12.9**	**12.9**	**25.8**	**258.357**

S.No.	Activity	2012-13												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	8507.2	8507.2	4253.6	0.0	0.0	0.0	0.0	0.0	0.0	21268
1.2	Horticulture	0.0	0.0	0.0	8507.2	8507.2	4253.6	0.0	0.0	0.0	0.0	0.0	0.0	21268
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	17014.4	17014.4	8507.2	0.0	0.0	0.0	0.0	0.0	0.0	**42536**
2	**Soil and Moisture Conservation**													
2.1	FB	5497.1	5497.1	3664.7	1099.4	1099.4	1465.9	5497.1	3664.7	1832.4	1832.4	1832.4	3664.7	36647
2.2	SB	21988.2	21988.2	14658.8	4397.6	4397.6	5863.5	21988.2	14658.8	7329.4	7329.4	7329.4	14658.8	146588
2.3	MB	10994.3	10994.3	7329.5	2198.9	2198.9	2931.8	10994.3	7329.5	3664.8	3664.8	3664.8	7329.5	73295
2.4	PB	16491.2	16491.2	10994.1	3298.2	3298.2	4397.6	16491.2	10994.1	5497.1	5497.1	5497.1	10994.1	109941
	Sub- Total	**54970.7**	**54970.7**	**36647.1**	**10994.1**	**10994.1**	**14658.8**	**54970.7**	**36647.1**	**18323.6**	**18323.6**	**18323.6**	**36647.1**	**366471**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
3.2	Kachcha CD/Outlet (Nos)	37500.0	37500.0	25000.0	7500.0	7500.0	10000.0	37500.0	25000.0	12500.0	12500.0	12500.0	25000.0	250000

3.3	WHB	152861.7	152861.7	101907.8	30572.3	30572.3	40763.1	152861.7	101907.8	50953.9	50953.9	50953.9	101907.8	1019078
3.4	Outlet (Nos)	50414.6	50414.6	33609.7	10082.9	10082.9	13443.9	50414.6	33609.7	16804.9	16804.9	16804.9	33609.7	336097
	Sub- Total	347231.3	347231.3	231487.5	69446.3	69446.3	92595.0	347231.3	231487.5	115743.8	115743.8	115743.8	231487.5	**231487 5**
	GRAND TOTAL	**408582 .3**	**408582 .3**	**272388 .2**	**81716. 5**	**81716. 5**	**108955 .3**	**408582 .3**	**272388 .2**	**136194 .1**	**136194 .1**	**136194 .1**	**272388 .2**	**27238 82**

S.No.	Activity	2013-14												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1.0
1.2	Horticulture	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	**1.0**
2	**Soil and Moisture Conservation**													
2.1	FB	6.6	6.6	4.4	1.3	1.3	1.8	6.6	4.4	2.2	2.2	2.2	4.4	44.00
2.2	SB	11.6	11.6	7.7	2.3	2.3	3.1	11.6	7.7	3.9	3.9	3.9	7.7	77.00
2.3	MB	9.5	9.5	6.3	1.9	1.9	2.5	9.5	6.3	3.2	3.2	3.2	6.3	63.00
2.4	PB	9.9	9.9	6.6	2.0	2.0	2.6	9.9	6.6	3.3	3.3	3.3	6.6	65.78
	Sub- Total	**37.5**	**37.5**	**25.0**	**7.5**	**7.5**	**10.0**	**37.5**	**25.0**	**12.5**	**12.5**	**12.5**	**25.0**	**249.779**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00

3.2	Kachcha CD/Outlet (Nos)	0.9	0.9	0.6	0.2	0.2	0.2	0.9	0.6	0.3	0.3	0.3	0.6	6.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.7	1.7	1.1	0.3	0.3	0.4	1.7	1.1	0.6	0.6	0.6	1.1	**11.00**
	GRAND TOTAL	**39.1**	**39.1**	**26.1**	**7.8**	**7.8**	**10.4**	**39.1**	**26.1**	**13.0**	**13.0**	**13.0**	**26.1**	**260.779**

S.No.	**Activity**	**2013-14**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	7292.0	7292.0	3646.0	0.0	0.0	0.0	0.0	0.0	0.0	18230
1.2	Horticulture	0.0	0.0	0.0	7292.0	7292.0	3646.0	0.0	0.0	0.0	0.0	0.0	0.0	18230
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	5469.0	5469.0	3646.0	1093.8	1093.8	1458.4	5469.0	3646.0	1823.0	1823.0	1823.0	3646.0	**36460**
2	**Soil and Moisture Conservation**													
2.1	FB	3664.8	3664.8	2443.2	733.0	733.0	977.3	3664.8	2443.2	1221.6	1221.6	1221.6	2443.2	24432
2.2	SB	14658.9	14658.9	9772.6	2931.8	2931.8	3909.0	14658.9	9772.6	4886.3	4886.3	4886.3	9772.6	97726
2.3	MB	7329.3	7329.3	4886.2	1465.9	1465.9	1954.5	7329.3	4886.2	2443.1	2443.1	2443.1	4886.2	48862
2.4	PB	10994.3	10994.3	7329.5	2198.9	2198.9	2931.8	10994.3	7329.5	3664.8	3664.8	3664.8	7329.5	73295
	Sub- Total	**36647.3**	**36647.3**	**24431.5**	**7329.5**	**7329.5**	**9772.6**	**36647.3**	**24431.5**	**12215.8**	**12215.8**	**12215.8**	**24431.5**	**244315**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
3.2	Kachcha CD/Outlet	37500.0	37500.0	25000.0	7500.0	7500.0	10000.0	37500.0	25000.0	12500.0	12500.0	12500.0	25000.0	250000

	(Nos)													
3.3	WHB													0
3.4	Outlet (Nos)	43212.6	43212.6	28808.4	8642.5	8642.5	11523.4	43212.6	28808.4	14404.2	14404.2	14404.2	28808.4	288084
	Sub- Total	187167.6	187167.6	124778.4	37433.5	37433.5	49911.4	187167.6	124778.4	62389.2	62389.2	62389.2	124778.4	**1247784**
	GRAND TOTAL	**229283.9**	**229283.9**	**152855.9**	**45856.8**	**45856.8**	**61142.4**	**229283.9**	**152855.9**	**76428.0**	**76428.0**	**76428.0**	**152855.9**	**1528559**

S.No.	**Activity**	**TOTAL (2010-11)(2011-12)(2012-13),(2013-14)**	
		Phy	**Fin**
1	**Land Development**		
1.1	Afforestation	4	60767
1.2	Horticulture	3	60767
1.3	Agriculture		
1.4	Pasture		
	Sub- Total	**7**	**121534**
2	**Soil and Moisture Conservation**		
2.1	FB	168.000	122157
2.2	SB	274.000	488628
2.3	MB	213.009	244315
2.4	PB	213.236	366471
	Sub- Total	**868.245**	**1221571**
3	**Water Harvesting Structures (WHS)**		
3.1	CD	15.00	2129100
3.2	Kachcha CD/Outlet (Nos)	15.00	625000
3.3	WHB		1019078
3.4	Outlet (Nos)		960279

	Sub- Total	**30.00**	**4733457**
	GRAND TOTAL	**904.25**	**6076562**

Code of MWS: 2C2A3x1d

Name of MWS : MAHUA ITAURA

S.No.	Activity	2009-10		2010-11												
		Phy	Fin	Physical												
				April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**															
1.1	Afforestation	47480														
1.2	Horticulture	47480														
1.3	Agriculture															
1.4	Pasture															
	Sub- Total	94960														
2	**Soil and Moisture Conservation**															
2.1	FB	121127		4.8	4.8	3.2	1.0	1.0	1.3	4.8	3.2	1.6	1.6	1.6	3.2	32.00
2.2	SB	484510		6.8	6.8	4.5	1.4	1.4	1.8	6.8	4.5	2.3	2.3	2.3	4.5	45.00
2.3	MB	242255		3.9	3.9	2.6	0.8	0.8	1.0	3.9	2.6	1.3	1.3	1.3	2.6	26.00
2.4	PB	363382		2.4	2.4	1.6	0.5	0.5	0.6	2.4	1.6	0.8	0.8	0.8	1.6	16.1
	Sub- Total	**1211274**		**17.9**	**17.9**	**11.9**	**3.6**	**3.6**	**4.8**	**17.9**	**11.9**	**6.0**	**6.0**	**6.0**	**11.9**	**119.1**
3	**Water Harvesting Structures (WHS)**															
3.1	CD	1419400														
3.2	Kachcha CD/Outlet (Nos)	375000														
3.3	WHB	789785														

3.4	Outlet (Nos)	857597														
	Sub- Total	**3441782**														**0**
	GRAND TOTAL	**4748016**		14.2	14.2	9.5	2.8	2.8	3.8	14.2	9.5	4.7	4.7	4.7	9.5	**94.63**

S.No.	**Activity**	**2010-11**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation													
1.2	Horticulture													
1.3	Agriculture													
1.4	Pasture													
	Sub- Total													
2	**Soil and Moisture Conservation**													
2.1	FB	3633.8	3633.8	2422.5	726.8	726.8	969.0	3633.8	2422.5	1211.3	1211.3	1211.3	2422.5	24225
2.2	SB	14535.3	14535.3	9690.2	2907.1	2907.1	3876.1	14535.3	9690.2	4845.1	4845.1	4845.1	9690.2	96902
2.3	MB	7267.6	7267.6	4845.1	1453.5	1453.5	1938.0	7267.6	4845.1	2422.5	2422.5	2422.5	4845.1	48451
2.4	PB	10901.5	10901.5	7267.6	2180.3	2180.3	2907.1	10901.5	7267.6	3633.8	3633.8	3633.8	7267.6	72676
	Sub- Total	**36338.2**	**36338.2**	**24225.5**	**7267.6**	**7267.6**	**9690.2**	**36338.2**	**24225.5**	**12112.7**	**12112.7**	**12112.7**	**24225.5**	**242255**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													
3.2	Kachcha CD/Outlet (Nos)													

3.3	WHB													0
3.4	Outlet (Nos)													
	Sub- Total													**0**
	GRAND TOTAL	36338.2	36338.2	24225.5	7267.6	7267.6	9690.2	36338.2	24225.5	12112.7	12112.7	12112.7	24225.5	**242255**

S.No.	**Activity**	**2011-12**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.2	Horticulture	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
2	**Soil and Moisture Conservation**													
2.1	FB	7.2	7.2	4.8	1.4	1.4	1.9	7.2	4.8	2.4	2.4	2.4	4.8	48.00
2.2	SB	11.4	11.4	7.6	2.3	2.3	3.0	11.4	7.6	3.8	3.8	3.8	7.6	76.00
2.3	MB	9.3	9.3	6.2	1.9	1.9	2.5	9.3	6.2	3.1	3.1	3.1	6.2	62.01
2.4	PB	10.2	10.2	6.8	2.0	2.0	2.7	10.2	6.8	3.4	3.4	3.4	6.8	68.00
	Sub- Total	**38.1**	**38.1**	**25.4**	**7.6**	**7.6**	**10.2**	**38.1**	**25.4**	**12.7**	**12.7**	**12.7**	**25.4**	**254.009**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													

3.2	Kachcha CD/Outlet (Nos)	0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	**3.00**
	GRAND TOTAL	30.9	30.9	20.6	6.2	6.2	8.3	30.9	20.6	10.3	10.3	10.3	20.6	**206.287**

S.No.	**Activity**	**2011-12**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	6647.2	6647.2	3323.6	0.0	0.0	0.0	0.0	0.0	0.0	16618
1.2	Horticulture	0.0	0.0	0.0	6647.2	6647.2	3323.6	0.0	0.0	0.0	0.0	0.0	0.0	16618
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	13294.4	13294.4	6647.2	0.0	0.0	0.0	0.0	0.0	0.0	**33236**
2	**Soil and Moisture Conservation**													
2.1	FB	5450.7	5450.7	3633.8	1090.1	1090.1	1453.5	5450.7	3633.8	1816.9	1816.9	1816.9	3633.8	36338
2.2	SB	21802.9	21802.9	14535.3	4360.6	4360.6	5814.1	21802.9	14535.3	7267.6	7267.6	7267.6	14535.3	145353
2.3	MB	10901.5	10901.5	7267.6	2180.3	2180.3	2907.1	10901.5	7267.6	3633.8	3633.8	3633.8	7267.6	72676
2.4	PB	16352.2	16352.2	10901.5	3270.4	3270.4	4360.6	16352.2	10901.5	5450.7	5450.7	5450.7	10901.5	109015
	Sub- Total	**54507.3**	**54507.3**	**36338.**	**10901.**	**10901.**	**14535.**	**54507.3**	**36338.**	**18169.**	**18169.**	**18169.**	**36338.**	**36338**

				2	**5**	**5**	**3**		**2**	**1**	**1**	**1**	**2**	**2**
3	**Water Harvesting Structures (WHS)**													
3.1	CD													
3.2	Kachcha CD/Outlet (Nos)	18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	12500 0
3.3	WHB													
3.4	Outlet (Nos)	45023.8	45023.8	30015.9	9004.8	9004.8	12006.4	45023.8	30015.9	15007.9	15007.9	15007.9	30015.9	30015 9
	Sub- Total	63773.8	63773.8	42515.9	12754.8	12754.8	17006.4	63773.8	42515.9	21257.9	21257.9	21257.9	42515.9	**42515 9**
	GRAND TOTAL	123266.6	123266.6	82177.7	24653.3	24653.3	32871.1	123266.6	82177.7	41088.9	41088.9	41088.9	82177.7	**82177 7**

S.No.	**Activity**	**2012-13**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
1.2	Horticulture	0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2**

2	**Soil and Moisture Conservation**													
2.1	FB	6.60	6.60	4.40	1.32	1.32	1.76	6.60	4.40	2.20	2.20	2.20	4.40	44.00
2.2	SB	11.40	11.40	7.60	2.28	2.28	3.04	11.40	7.60	3.80	3.80	3.80	7.60	76.00
2.3	MB	9.30	9.30	6.20	1.86	1.86	2.48	9.30	6.20	3.10	3.10	3.10	6.20	62.00
2.4	PB	9.50	9.50	6.34	1.90	1.90	2.53	9.50	6.34	3.17	3.17	3.17	6.34	63.36
	Sub- Total	**36.80**	**36.80**	**24.54**	**7.36**	**7.36**	**9.81**	**36.80**	**24.54**	**12.27**	**12.27**	**12.27**	**24.54**	**245.36**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.00
3.2	Kachcha CD/Outlet (Nos)	0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.20	1.20	0.80	0.24	0.24	0.32	1.20	0.80	0.40	0.40	0.40	0.80	**8.00**
	GRAND TOTAL	30.28	30.28	20.19	6.06	6.06	8.07	30.28	20.19	10.09	10.09	10.09	20.19	**201.871**

S.No.	Activity	2012-13												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	6647.2	6647.2	3323.6	0.0	0.0	0.0	0.0	0.0	0.0	16618
1.2	Horticulture	0.0	0.0	0.0	6647.2	6647.2	3323.6	0.0	0.0	0.0	0.0	0.0	0.0	16618
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	13294.4	13294.4	6647.2	0.0	0.0	0.0	0.0	0.0	0.0	**33236**
2	**Soil and Moisture Conservation**													
2.1	FB	5450.7	5450.7	3633.8	1090.1	1090.1	1453.5	5450.7	3633.8	1816.9	1816.9	1816.9	3633.8	36338
2.2	SB	21802.9	21802.9	14535.3	4360.6	4360.6	5814.1	21802.9	14535.3	7267.6	7267.6	7267.6	14535.3	145353
2.3	MB	10901.5	10901.5	7267.6	2180.3	2180.3	2907.1	10901.5	7267.6	3633.8	3633.8	3633.8	7267.6	72676
2.4	PB	16352.2	16352.2	10901.5	3270.4	3270.4	4360.6	16352.2	10901.5	5450.7	5450.7	5450.7	10901.5	109015
	Sub- Total	**54507.3**	**54507.3**	**36338.2**	**10901.5**	**10901.5**	**14535.3**	**54507.3**	**36338.2**	**18169.1**	**18169.1**	**18169.1**	**36338.2**	**363382**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700

3.2	Kachcha CD/Outlet (Nos)	18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
3.3	WHB	118467.8	118467.8	78978.5	23693.6	23693.6	31591.4	118467.8	78978.5	39489.3	39489.3	39489.3	78978.5	789785
3.4	Outlet (Nos)	45023.8	45023.8	30015.9	9004.8	9004.8	12006.4	45023.8	30015.9	15007.9	15007.9	15007.9	30015.9	300159
	Sub- Total	288696.6	288696.6	192464.4	57739.3	57739.3	76985.8	288696.6	192464.4	96232.2	96232.2	96232.2	192464.4	**1924644**
	GRAND TOTAL	348189.3	348189.3	232126.2	69637.9	69637.9	92850.5	348189.3	232126.2	116063.1	116063.1	116063.1	232126.2	**2321262**

S.No.	**Activity**	**2013-14**												
		Physical												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**													
1.1	Afforestation	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.2	Horticulture	0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2**
2	**Soil and Moisture Conservation**													
2.1	FB	6.60	6.60	4.40	1.32	1.32	1.76	6.60	4.40	2.20	2.20	2.20	4.40	44.00
2.2	SB	11.55	11.55	7.70	2.31	2.31	3.08	11.55	7.70	3.85	3.85	3.85	7.70	77.00
2.3	MB	9.45	9.45	6.30	1.89	1.89	2.52	9.45	6.30	3.15	3.15	3.15	6.30	63.00
2.4	PB	9.87	9.87	6.58	1.97	1.97	2.63	9.87	6.58	3.29	3.29	3.29	6.58	65.78

	Sub- Total	**37.47**	**37.47**	**24.98**	**7.49**	**7.49**	**9.99**	**37.47**	**24.98**	**12.49**	**12.49**	**12.49**	**24.98**	**249.779**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.00
3.2	Kachcha CD/Outlet (Nos)	0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
3.3	WHB													
3.4	Outlet (Nos)													
	Sub- Total	1.20	1.20	0.80	0.24	0.24	0.32	1.20	0.80	0.40	0.40	0.40	0.80	**8.00**
	GRAND TOTAL	30.56	30.56	20.38	6.11	6.11	8.15	30.56	20.38	10.19	10.19	10.19	20.38	**203.764**

S.No.	**Activity**	**2013-14**												
		Financial												
		April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Developme nt**													
1.1	Afforestatio n	0.0	0.0	0.0	5697.6	5697.6	2848.8	0.0	0.0	0.0	0.0	0.0	0.0	14244
1.2	Horticulture	0.0	0.0	0.0	5697.6	5697.6	2848.8	0.0	0.0	0.0	0.0	0.0	0.0	14244
1.3	Agriculture													
1.4	Pasture													
	Sub- Total	0.0	0.0	0.0	11395. 2	11395. 2	5697.6	0.0	0.0	0.0	0.0	0.0	0.0	**28488**
2	**Soil and Moisture Conservatio n**													

2.1	FB	3633.8	3633.8	2422.5	726.8	726.8	969.0	3633.8	2422.5	1211.3	1211.3	1211.3	2422.5	24225
2.2	SB	14535.3	14535.3	9690.2	2907.1	2907.1	3876.1	14535.3	9690.2	4845.1	4845.1	4845.1	9690.2	96902
2.3	MB	7267.6	7267.6	4845.1	1453.5	1453.5	1938.0	7267.6	4845.1	2422.5	2422.5	2422.5	4845.1	48451
2.4	PB	10901.5	10901.5	7267.6	2180.3	2180.3	2907.1	10901.5	7267.6	3633.8	3633.8	3633.8	7267.6	72676
	Sub- Total	**36338.2**	**36338.2**	**24225.5**	**7267.6**	**7267.6**	**9690.2**	**36338.2**	**24225.5**	**12112.7**	**12112.7**	**12112.7**	**24225.5**	**242255**
3	**Water Harvesting Structures (WHS)**													
3.1	CD	106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
3.2	Kachcha CD/Outlet (Nos)	18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
3.3	WHB													0
3.4	Outlet (Nos)	38591.9	38591.9	25727.9	7718.4	7718.4	10291.2	38591.9	25727.9	12864.0	12864.0	12864.0	25727.9	257279
	Sub- Total	163796.9	163796.9	109197.9	32759.4	32759.4	43679.2	163796.9	109197.9	54599.0	54599.0	54599.0	109197.9	**109197 9**
	GRAND TOTAL	204408.3	204408.3	136272.2	40881.7	40881.7	54508.9	204408.3	136272.2	68136.1	68136.1	68136.1	136272.2	**136272 2**

S.No.	Activity	TOTAL (2010-11)(2011-12)(2012-13),(2013-14)	
		Phy	Fin
1	**Land Development**		
1.1	Afforestation	3	47480
1.2	Horticulture	3	47480
1.3	Agriculture		
1.4	Pasture		

	Sub- Total	**6**	**94960**
2	**Soil and Moisture Conservation**		
2.1	FB	168.000	121127.4
2.2	SB	274.000	484509.6
2.3	MB	213.009	242254.8
2.4	PB	213.236	363382.2
	Sub- Total	**868.245**	**1211274**
3	**Water Harvesting Structures (WHS)**		
3.1	CD	10.00	1419400
3.2	Kachcha CD/Outlet (Nos)	9.00	375000
3.3	WHB		789785
3.4	Outlet (Nos)		857597
	Sub- Total	**19.00**	**3441782**
	GRAND TOTAL	**706.55**	**4748016**

Code of MWS: 2C2A3q2c

Name of MWS : RICHHA

S.No.	Activity	2009-10		2010-11												
		Phy	Fin	Physical												
				April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**															
1.1	Afforestation															
1.2	Horticulture															
1.3	Agriculture															
1.4	Pasture															
	Sub- Total															
2	**Soil and Moisture Conservation**															
2.1	FB			2.10	2.10	1.40	0.42	0.42	0.56	2.10	1.40	0.70	0.70	0.70	1.40	14.00
2.2	SB			5.10	5.10	3.40	1.02	1.02	1.36	5.10	3.40	1.70	1.70	1.70	3.40	34.00
2.3	MB			3.12	3.12	2.08	0.62	0.62	0.83	3.12	2.08	1.04	1.04	1.04	2.08	20.82
2.4	PB			2.10	2.10	1.40	0.42	0.42	0.56	2.10	1.40	0.70	0.70	0.70	1.40	14.00
	Sub- Total			**12.42**	**12.42**	**8.28**	**2.48**	**2.48**	**3.31**	**12.42**	**8.28**	**4.14**	**4.14**	**4.14**	**8.28**	**82.82**
3	**Water Harvesting Structures (WHS)**															
3.1	CD															
3.2	Kachcha CD/Outlet (Nos)															
3.3	WHB															
3.4	Outlet (Nos)															
	Sub- Total															**0**
	GRAND TOTAL	**0**		**12.42**	**12.42**	**8.28**	**2.48**	**2.48**	**3.31**	**12.42**	**8.28**	**4.14**	**4.14**	**4.14**	**8.28**	**82.82**

2010-11												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
2786.9	2786.9	1857.9	557.4	557.4	743.2	2786.9	1857.9	929.0	929.0	929.0	1857.9	18579
11147.7	11147.7	7431.8	2229.5	2229.5	2972.7	11147.7	7431.8	3715.9	3715.9	3715.9	7431.8	74318
5573.9	5573.9	3715.9	1114.8	1114.8	1486.4	5573.9	3715.9	1858.0	1858.0	1858.0	3715.9	37159
8360.7	8360.7	5573.8	1672.1	1672.1	2229.5	8360.7	5573.8	2786.9	2786.9	2786.9	5573.8	55738
27869.1	**27869.1**	**18579.4**	**5573.8**	**5573.8**	**7431.8**	**27869.1**	**18579.4**	**9289.7**	**9289.7**	**9289.7**	**18579.4**	**185794**
												0
												0
27869.1	**27869.1**	**18579.4**	**5573.8**	**5573.8**	**7431.8**	**27869.1**	**18579.4**	**9289.7**	**9289.7**	**9289.7**	**18579.4**	**185794**

2011-12												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2**
2.85	2.85	1.90	0.57	0.57	0.76	2.85	1.90	0.95	0.95	0.95	1.90	19.00
8.55	8.55	5.70	1.71	1.71	2.28	8.55	5.70	2.85	2.85	2.85	5.70	57.00
7.13	7.13	4.75	1.43	1.43	1.90	7.13	4.75	2.38	2.38	2.38	4.75	47.54
7.80	7.80	5.20	1.56	1.56	2.08	7.80	5.20	2.60	2.60	2.60	5.20	52.00
26.33	**26.33**	**17.55**	**5.27**	**5.27**	**7.02**	**26.33**	**17.55**	**8.78**	**8.78**	**8.78**	**17.55**	**175.54**
0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	**3.00**
27.08	**27.08**	**18.05**	**5.42**	**5.42**	**7.22**	**27.08**	**18.05**	**9.03**	**9.03**	**9.03**	**18.05**	**180.542**

2011-12												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	5817.6	5817.6	2908.8	0.0	0.0	0.0	0.0	0.0	0.0	14544
0.0	0.0	0.0	5817.6	5817.6	2908.8	0.0	0.0	0.0	0.0	0.0	0.0	14544
0.0	0.0	0.0	11635.2	11635.2	5817.6	0.0	0.0	0.0	0.0	0.0	0.0	**29088**
4180.4	4180.4	2786.9	836.1	836.1	1114.8	4180.4	2786.9	1393.5	1393.5	1393.5	2786.9	27869
16721.6	16721.6	11147.7	3344.3	3344.3	4459.1	16721.6	11147.7	5573.9	5573.9	5573.9	11147.7	111477
8360.7	8360.7	5573.8	1672.1	1672.1	2229.5	8360.7	5573.8	2786.9	2786.9	2786.9	5573.8	55738
12541.1	12541.1	8360.7	2508.2	2508.2	3344.3	12541.1	8360.7	4180.4	4180.4	4180.4	8360.7	83607
41803.7	**41803.7**	**27869.1**	**8360.7**	**8360.7**	**11147.6**	**41803.7**	**27869.1**	**13934.6**	**13934.6**	**13934.6**	**27869.1**	**278691**
18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
35877.5	35877.5	23918.3	7175.5	7175.5	9567.3	35877.5	23918.3	11959.2	11959.2	11959.2	23918.3	239183
54627.5	54627.5	36418.3	10925.5	10925.5	14567.3	54627.5	36418.3	18209.2	18209.2	18209.2	36418.3	**364183**
100794.3	**100794.3**	**67196.2**	**20158.9**	**20158.9**	**26878.5**	**100794.3**	**67196.2**	**33598.1**	**33598.1**	**33598.1**	**67196.2**	**671962**

2012-13												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2**
2.25	2.25	1.50	0.45	0.45	0.60	2.25	1.50	0.75	0.75	0.75	1.50	15.00
8.25	8.25	5.50	1.65	1.65	2.20	8.25	5.50	2.75	2.75	2.75	5.50	55.00
6.45	6.45	4.30	1.29	1.29	1.72	6.45	4.30	2.15	2.15	2.15	4.30	43.00
8.05	8.05	5.37	1.61	1.61	2.15	8.05	5.37	2.68	2.68	2.68	5.37	53.68
25.00	**25.00**	**16.67**	**5.00**	**5.00**	**6.67**	**25.00**	**16.67**	**8.33**	**8.33**	**8.33**	**16.67**	**166.677**
0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.00
0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
1.20	1.20	0.80	0.24	0.24	0.32	1.20	0.80	0.40	0.40	0.40	0.80	**8.00**
26.50	**26.50**	**17.67**	**5.30**	**5.30**	**7.07**	**26.50**	**17.67**	**8.83**	**8.83**	**8.83**	**17.67**	**176.677**

2012-13												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	5817.6	5817.6	2908.8	0.0	0.0	0.0	0.0	0.0	0.0	14544
0.0	0.0	0.0	5817.6	5817.6	2908.8	0.0	0.0	0.0	0.0	0.0	0.0	14544
0.0	0.0	0.0	11635.2	11635.2	5817.6	0.0	0.0	0.0	0.0	0.0	0.0	**29088**
4180.4	4180.4	2786.9	836.1	836.1	1114.8	4180.4	2786.9	1393.5	1393.5	1393.5	2786.9	27869
16721.6	16721.6	11147.7	3344.3	3344.3	4459.1	16721.6	11147.7	5573.9	5573.9	5573.9	11147.7	111477
8360.7	8360.7	5573.8	1672.1	1672.1	2229.5	8360.7	5573.8	2786.9	2786.9	2786.9	5573.8	55738
12541.1	12541.1	8360.7	2508.2	2508.2	3344.3	12541.1	8360.7	4180.4	4180.4	4180.4	8360.7	83607
41803.7	**41803.7**	**27869.1**	**8360.7**	**8360.7**	**11147.6**	**41803.7**	**27869.1**	**13934.6**	**13934.6**	**13934.6**	**27869.1**	**278691**
106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
99837.8	99837.8	66558.5	19967.6	19967.6	26623.4	99837.8	66558.5	33279.3	33279.3	33279.3	66558.5	665585
35877.5	35877.5	23918.3	7175.5	7175.5	9567.3	35877.5	23918.3	11959.2	11959.2	11959.2	23918.3	239183
260920.2	260920.2	173946.8	52184.0	52184.0	69578.7	260920.2	173946.8	86973.4	86973.4	86973.4	173946.8	**1739468**
307087.1	**307087.1**	**204724.7**	**61417.4**	**61417.4**	**81889.9**	**307087.1**	**204724.7**	**102362.4**	**102362.4**	**102362.4**	**204724.7**	**2047247**

2013-14												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
0.00	0.00	0.00	0.40	0.40	0.20	0.00	0.00	0.00	0.00	0.00	0.00	1
0.00	0.00	0.00	0.80	0.80	0.40	0.00	0.00	0.00	0.00	0.00	0.00	**2**
2.55	2.55	1.70	0.51	0.51	0.68	2.55	1.70	0.85	0.85	0.85	1.70	17.00
8.40	8.40	5.60	1.68	1.68	2.24	8.40	5.60	2.80	2.80	2.80	5.60	56.00
6.65	6.65	4.43	1.33	1.33	1.77	6.65	4.43	2.22	2.22	2.22	4.43	44.33
7.65	7.65	5.10	1.53	1.53	2.04	7.65	5.10	2.55	2.55	2.55	5.10	51.00
25.25	**25.25**	**16.83**	**5.05**	**5.05**	**6.73**	**25.25**	**16.83**	**8.42**	**8.42**	**8.42**	**16.83**	**168.333**
0.75	0.75	0.50	0.15	0.15	0.20	0.75	0.50	0.25	0.25	0.25	0.50	5.00
0.45	0.45	0.30	0.09	0.09	0.12	0.45	0.30	0.15	0.15	0.15	0.30	3.00
1.20	1.20	0.80	0.24	0.24	0.32	1.20	0.80	0.40	0.40	0.40	0.80	**8.00**
26.75	**26.75**	**17.83**	**5.35**	**5.35**	**7.13**	**26.75**	**17.83**	**8.92**	**8.92**	**8.92**	**17.83**	**178.333**

2013-14												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	4986.4	4986.4	2493.2	0.0	0.0	0.0	0.0	0.0	0.0	12466
0.0	0.0	0.0	4986.4	4986.4	2493.2	0.0	0.0	0.0	0.0	0.0	0.0	12466
0.0	0.0	0.0	9972.8	9972.8	4986.4	0.0	0.0	0.0	0.0	0.0	0.0	**24932**
2787.0	2787.0	1858.0	557.4	557.4	743.2	2787.0	1858.0	929.0	929.0	929.0	1858.0	18580
11147.6	11147.6	7431.7	2229.5	2229.5	2972.7	11147.6	7431.7	3715.9	3715.9	3715.9	7431.7	74317
5573.9	5573.9	3715.9	1114.8	1114.8	1486.4	5573.9	3715.9	1858.0	1858.0	1858.0	3715.9	37159
8361.0	8361.0	5574.0	1672.2	1672.2	2229.6	8361.0	5574.0	2787.0	2787.0	2787.0	5574.0	55740
27869.4	**27869.4**	**18579.6**	**5573.9**	**5573.9**	**7431.8**	**27869.4**	**18579.6**	**9289.8**	**9289.8**	**9289.8**	**18579.6**	**185796**
106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
												0
30752.3	30752.3	20501.5	6150.5	6150.5	8200.6	30752.3	20501.5	10250.8	10250.8	10250.8	20501.5	205015
155957.3	155957.3	103971.5	31191.5	31191.5	41588.6	155957.3	103971.5	51985.8	51985.8	51985.8	103971.5	**1039715**
187566.5	**187566.5**	**125044.3**	**37513.3**	**37513.3**	**50017.7**	**187566.5**	**125044.3**	**62522.2**	**62522.2**	**62522.2**	**125044.3**	**1250443**

S.No.	**Activity**	**TOTAL (2010-11)(2011-12)(2012-13),(2013-14)**	
		Phy	**Fin**

1	**Land Development**		
1.1	Afforestation	3	41554
1.2	Horticulture	3	41554
1.3	Agriculture		
1.4	Pasture		
	Sub- Total	**6**	**83108**
2	**Soil and Moisture Conservation**		
2.1	FB	65.000	92897
2.2	SB	202.000	371589
2.3	MB	155.695	185794
2.4	PB	170.677	278692
	Sub- Total	**593.372**	**928972**
3	**Water Harvesting Structures (WHS)**		
3.1	CD	10.00	1419400
3.2	Kachcha CD/Outlet (Nos)	9.00	375000
3.3	WHB		665585
3.4	Outlet (Nos)		683381
	Sub- Total	**19.00**	**3143366**
	GRAND TOTAL	**618.37**	**4155446**

Code of MWS:
2C2A3w2c
Name of MWS : BAGOL

S.No.	Activity	2009-10		2010-11												
		Phy	Fin	Physical												
				April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**															
1.1	Afforestation															
1.2	Horticulture															
1.3	Agriculture															
1.4	Pasture															
	Sub- Total															
2	**Soil and Moisture Conservation**															
2.1	FB			2.6	2.6	1.7	0.5	0.5	0.7	2.6	1.7	0.9	0.9	0.9	1.7	17.00
2.2	SB			5.3	5.3	3.5	1.1	1.1	1.4	5.3	3.5	1.8	1.8	1.8	3.5	35.00
2.3	MB			3.9	3.9	2.6	0.8	0.8	1.0	3.9	2.6	1.3	1.3	1.3	2.6	26.00
2.4	PB			2.5	2.5	1.7	0.5	0.5	0.7	2.5	1.7	0.8	0.8	0.8	1.7	16.51
	Sub- Total			**14.2**	**14.2**	**9.5**	**2.8**	**2.8**	**3.8**	**14.2**	**9.5**	**4.7**	**4.7**	**4.7**	**9.5**	**94.51**
3	**Water Harvesting Structures (WHS)**															
3.1	CD															
3.2	Kachcha CD/Outlet (Nos)															
3.3	WHB															
3.4	Outlet (Nos)															
	Sub- Total															**0**
	GRAND TOTAL			**14.2**	**14.2**	**9.5**	**2.8**	**2.8**	**3.8**	**14.2**	**9.5**	**4.7**	**4.7**	**4.7**	**9.5**	**94.51**

2010-11												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
3625.2	3625.2	2416.8	725.0	725.0	966.7	3625.2	2416.8	1208.4	1208.4	1208.4	2416.8	24168
14500.8	14500.8	9667.2	2900.2	2900.2	3866.9	14500.8	9667.2	4833.6	4833.6	4833.6	9667.2	96672
7250.4	7250.4	4833.6	1450.1	1450.1	1933.4	7250.4	4833.6	2416.8	2416.8	2416.8	4833.6	48336
10875.6	10875.6	7250.4	2175.1	2175.1	2900.2	10875.6	7250.4	3625.2	3625.2	3625.2	7250.4	72504
36252.0	**36252.0**	**24168.0**	**7250.4**	**7250.4**	**9667.2**	**36252.0**	**24168.0**	**12084.0**	**12084.0**	**12084.0**	**24168.0**	**241680**
												0
												0
36252.0	**36252.0**	**24168.0**	**7250.4**	**7250.4**	**9667.2**	**36252.0**	**24168.0**	**12084.0**	**12084.0**	**12084.0**	**24168.0**	**241680**

2011-12												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
5.0	5.0	3.3	1.0	1.0	1.3	5.0	3.3	1.7	1.7	1.7	3.3	33.00
9.9	9.9	6.6	2.0	2.0	2.6	9.9	6.6	3.3	3.3	3.3	6.6	66.00
6.8	6.8	4.5	1.4	1.4	1.8	6.8	4.5	2.3	2.3	2.3	4.5	45.03
8.6	8.6	5.7	1.7	1.7	2.3	8.6	5.7	2.9	2.9	2.9	5.7	57.00
30.2	**30.2**	**20.1**	**6.0**	**6.0**	**8.0**	**30.2**	**20.1**	**10.1**	**10.1**	**10.1**	**20.1**	**201.025**
0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	3.00
0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	**3.00**
30.9	**30.9**	**20.6**	**6.2**	**6.2**	**8.2**	**30.9**	**20.6**	**10.3**	**10.3**	**10.3**	**20.6**	**206.025**

2011-12												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	6638.8	6638.8	3319.4	0.0	0.0	0.0	0.0	0.0	0.0	16597
0.0	0.0	0.0	6638.8	6638.8	3319.4	0.0	0.0	0.0	0.0	0.0	0.0	16597
0.0	0.0	0.0	13277.6	13277.6	6638.8	0.0	0.0	0.0	0.0	0.0	0.0	**33194**
5437.8	5437.8	3625.2	1087.6	1087.6	1450.1	5437.8	3625.2	1812.6	1812.6	1812.6	3625.2	36252
21751.2	21751.2	14500.8	4350.2	4350.2	5800.3	21751.2	14500.8	7250.4	7250.4	7250.4	14500.8	145008
10875.6	10875.6	7250.4	2175.1	2175.1	2900.2	10875.6	7250.4	3625.2	3625.2	3625.2	7250.4	72504
16313.4	16313.4	10875.6	3262.7	3262.7	4350.2	16313.4	10875.6	5437.8	5437.8	5437.8	10875.6	108756
54378.0	**54378.0**	**36252.0**	**10875.6**	**10875.6**	**14500.8**	**54378.0**	**36252.0**	**18126.0**	**18126.0**	**18126.0**	**36252.0**	**362520**
18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
44930.6	44930.6	29953.7	8986.1	8986.1	11981.5	44930.6	29953.7	14976.9	14976.9	14976.9	29953.7	299537
63680.6	63680.6	42453.7	12736.1	12736.1	16981.5	63680.6	42453.7	21226.9	21226.9	21226.9	42453.7	**424537**
123037.7	**123037.7**	**82025.1**	**24607.5**	**24607.5**	**32810.0**	**123037.7**	**82025.1**	**41012.6**	**41012.6**	**41012.6**	**82025.1**	**820251**

2012-13												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**

0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
4.7	4.7	3.1	0.9	0.9	1.2	4.7	3.1	1.6	1.6	1.6	3.1	31.00
9.6	9.6	6.4	1.9	1.9	2.6	9.6	6.4	3.2	3.2	3.2	6.4	64.00
5.9	5.9	3.9	1.2	1.2	1.6	5.9	3.9	2.0	2.0	2.0	3.9	39.00
8.6	8.6	5.8	1.7	1.7	2.3	8.6	5.8	2.9	2.9	2.9	5.8	57.61
28.7	**28.7**	**19.2**	**5.7**	**5.7**	**7.7**	**28.7**	**19.2**	**9.6**	**9.6**	**9.6**	**19.2**	**191.614**
0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00
0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	3.00
1.2	1.2	0.8	0.2	0.2	0.3	1.2	0.8	0.4	0.4	0.4	0.8	**8.00**
30.2	**30.2**	**20.2**	**6.0**	**6.0**	**8.1**	**30.2**	**20.2**	**10.1**	**10.1**	**10.1**	**20.2**	**201.615**

2012-13												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	6638.8	6638.8	3319.4	0.0	0.0	0.0	0.0	0.0	0.0	16597
0.0	0.0	0.0	6638.8	6638.8	3319.4	0.0	0.0	0.0	0.0	0.0	0.0	16597

0.0	0.0	0.0	13277.6	13277.6	6638.8	0.0	0.0	0.0	0.0	0.0	0.0	**33194**
5437.8	5437.8	3625.2	1087.6	1087.6	1450.1	5437.8	3625.2	1812.6	1812.6	1812.6	3625.2	36252
21751.2	21751.2	14500.8	4350.2	4350.2	5800.3	21751.2	14500.8	7250.4	7250.4	7250.4	14500.8	145008
10875.6	10875.6	7250.4	2175.1	2175.1	2900.2	10875.6	7250.4	3625.2	3625.2	3625.2	7250.4	72504
16313.4	16313.4	10875.6	3262.7	3262.7	4350.2	16313.4	10875.6	5437.8	5437.8	5437.8	10875.6	108756
54378.0	**54378.0**	**36252.0**	**10875.6**	**10875.6**	**14500.8**	**54378.0**	**36252.0**	**18126.0**	**18126.0**	**18126.0**	**36252.0**	**362520**
106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
118276.8	118276.8	78851.2	23655.4	23655.4	31540.5	118276.8	78851.2	39425.6	39425.6	39425.6	78851.2	788512
44930.6	44930.6	29953.7	8986.1	8986.1	11981.5	44930.6	29953.7	14976.9	14976.9	14976.9	29953.7	299537
288412.4	288412.4	192274.9	57682.5	57682.5	76910.0	288412.4	192274.9	96137.5	96137.5	96137.5	192274.9	**1922749**
347769.5	**347769.5**	**231846.3**	**69553.9**	**69553.9**	**92738.5**	**347769.5**	**231846.3**	**115923.2**	**115923.2**	**115923.2**	**231846.3**	**2318463**

2013-14												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
4.8	4.8	3.2	1.0	1.0	1.3	4.8	3.2	1.6	1.6	1.6	3.2	32.00
9.8	9.8	6.6	2.0	2.0	2.6	9.8	6.6	3.3	3.3	3.3	6.6	65.50

5.7	5.7	3.8	1.1	1.1	1.5	5.7	3.8	1.9	1.9	1.9	3.8	38.00
8.7	8.7	5.8	1.7	1.7	2.3	8.7	5.8	2.9	2.9	2.9	5.8	58.00
29.0	**29.0**	**19.4**	**5.8**	**5.8**	**7.7**	**29.0**	**19.4**	**9.7**	**9.7**	**9.7**	**19.4**	**193.504**
0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00
0.5	0.5	0.3	0.1	0.1	0.1	0.5	0.3	0.2	0.2	0.2	0.3	3.00
1.2	1.2	0.8	0.2	0.2	0.3	1.2	0.8	0.4	0.4	0.4	0.8	**8.00**
30.5	**30.5**	**20.4**	**6.1**	**6.1**	**8.1**	**30.5**	**20.4**	**10.2**	**10.2**	**10.2**	**20.4**	**203.505**

2013-14												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	5690.4	5690.4	2845.2	0.0	0.0	0.0	0.0	0.0	0.0	14226
0.0	0.0	0.0	5690.4	5690.4	2845.2	0.0	0.0	0.0	0.0	0.0	0.0	14226
0.0	0.0	0.0	11380.8	11380.8	5690.4	0.0	0.0	0.0	0.0	0.0	0.0	**28452**
3625.2	3625.2	2416.8	725.0	725.0	966.7	3625.2	2416.8	1208.4	1208.4	1208.4	2416.8	24168
14500.7	14500.7	9667.1	2900.1	2900.1	3866.8	14500.7	9667.1	4833.6	4833.6	4833.6	9667.1	96671
7250.3	7250.3	4833.5	1450.1	1450.1	1933.4	7250.3	4833.5	2416.8	2416.8	2416.8	4833.5	48335
10875.5	10875.5	7250.3	2175.1	2175.1	2900.1	10875.5	7250.3	3625.2	3625.2	3625.2	7250.3	72503
36251.6	**36251.6**	**24167.7**	**7250.3**	**7250.3**	**9667.1**	**36251.6**	**24167.7**	**12083.9**	**12083.9**	**12083.9**	**24167.7**	**241677**

106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
18750.0	18750.0	12500.0	3750.0	3750.0	5000.0	18750.0	12500.0	6250.0	6250.0	6250.0	12500.0	125000
												0
38511.8	38511.8	25674.5	7702.4	7702.4	10269.8	38511.8	25674.5	12837.3	12837.3	12837.3	25674.5	256745
163716.8	163716.8	109144.5	32743.4	32743.4	43657.8	163716.8	109144.5	54572.3	54572.3	54572.3	109144.5	**1091445**
204236.1	**204236.1**	**136157.4**	**40847.2**	**40847.2**	**54463.0**	**204236.1**	**136157.4**	**68078.7**	**68078.7**	**68078.7**	**136157.4**	**1361574**

S.No.	**Activity**	**TOTAL (2010-11)(2011-12)(2012-13),(2013-14)**	
		Phy	**Fin**
1	**Land Development**		
1.1	Afforestation	3	47420
1.2	Horticulture	3	47420
1.3	Agriculture		
1.4	Pasture		
	Sub- Total	**6**	**94840**
2	**Soil and Moisture Conservation**		
2.1	FB	113.000	120840
2.2	SB	230.504	483359
2.3	MB	148.025	241679
2.4	PB	189.124	362519
	Sub- Total	**680.653**	**1208397**
3	**Water Harvesting Structures (WHS)**		
3.1	CD	10.00	1419400

3.2	Kachcha CD/Outlet (Nos)	9.00	375000
3.3	WHB		788512
3.4	Outlet (Nos)		855819
	Sub- Total	**19.00**	**3438731**
	GRAND TOTAL	**705.65**	**4741968**

Code of MWS: 2C2A3v2a

Name of MWS : SUGIRA / RAMPURA QUADIM

S.No.	Activity	2009-10		2010-11											
		Phy	Fin	Physical											
				April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
1	**Land Development**															
1.1	Afforestation															
1.2	Horticulture															
1.3	Agriculture															
1.4	Pasture															
	Sub- Total															
2	**Soil and Moisture Conservation**															
2.1	FB			3.90	3.90	2.60	0.78	0.78	1.04	3.90	2.60	1.30	1.30	1.30	2.60	26.00
2.2	SB			7.20	7.20	4.80	1.44	1.44	1.92	7.20	4.80	2.40	2.40	2.40	4.80	48.00
2.3	MB			4.80	4.80	3.20	0.96	0.96	1.28	4.80	3.20	1.60	1.60	1.60	3.20	32.00
2.4	PB			4.35	4.35	2.90	0.87	0.87	1.16	4.35	2.90	1.45	1.45	1.45	2.90	28.97
	Sub- Total			**20.25**	**20.25**	**13.50**	**4.05**	**4.05**	**5.40**	**20.25**	**13.50**	**6.75**	**6.75**	**6.75**	**13.50**	**135**

3	**Water Harvesting Structures (WHS)**															
3.1	CD															
3.2	Kachcha CD/Outlet (Nos)															
3.3	WHB															
3.4	Outlet (Nos)															
	Sub- Total															
	GRAND TOTAL	**-**	**-**	**20.2**	**20.2**	**13.5**	**4.0**	**4.0**	**5.4**	**20.2**	**13.5**	**6.7**	**6.7**	**6.7**	**13.5**	**134.97**

2010-11												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
3410.55	3410.55	2273.70	682.11	682.11	909.48	3410.55	2273.70	1136.85	1136.85	1136.85	2273.70	22737.00
13642.05	13642.05	9094.70	2728.41	2728.41	3637.88	13642.05	9094.70	4547.35	4547.35	4547.35	9094.70	90947.00
6821.10	6821.10	4547.40	1364.22	1364.22	1818.96	6821.10	4547.40	2273.70	2273.70	2273.70	4547.40	45474.00
10231.50	10231.50	6821.00	2046.30	2046.30	2728.40	10231.50	6821.00	3410.50	3410.50	3410.50	6821.00	68210.00
34105.20	**34105.20**	**22736.80**	**6821.04**	**6821.04**	**9094.72**	**34105.20**	**22736.80**	**11368.40**	**11368.40**	**11368.40**	**22736.80**	**227368.00**

												0
												0
34105.2	**34105.2**	**22736.8**	**6821.0**	**6821.0**	**9094.7**	**34105.2**	**22736.8**	**11368.4**	**11368.4**	**11368.4**	**22736.8**	**227368**

2011-12												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
5.9	5.9	3.9	1.2	1.2	1.6	5.9	3.9	2.0	2.0	2.0	3.9	39.24
13.4	13.4	8.9	2.7	2.7	3.6	13.4	8.9	4.5	4.5	4.5	8.9	89.00
9.8	9.8	6.5	2.0	2.0	2.6	9.8	6.5	3.3	3.3	3.3	6.5	65.00
13.2	13.2	8.8	2.6	2.6	3.5	13.2	8.8	4.4	4.4	4.4	8.8	88.00
42.2	**42.2**	**28.1**	**8.4**	**8.4**	**11.2**	**42.2**	**28.1**	**14.1**	**14.1**	**14.1**	**28.1**	**281.236**

0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00
0.9	0.9	0.6	0.2	0.2	0.2	0.9	0.6	0.3	0.3	0.3	0.6	6.00
												11.00
44.1	**44.1**	**29.4**	**8.8**	**8.8**	**11.8**	**44.1**	**29.4**	**14.7**	**14.7**	**14.7**	**29.4**	**294.236**

2011-12												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	9481.2	9481.2	4740.6	0.0	0.0	0.0	0.0	0.0	0.0	23703
0.0	0.0	0.0	9481.2	9481.2	4740.6	0.0	0.0	0.0	0.0	0.0	0.0	23703
0.0	0.0	0.0	18962.4	18962.4	9481.2	0.0	0.0	0.0	0.0	0.0	0.0	**47406**
5115.8	5115.8	3410.5	1023.2	1023.2	1364.2	5115.8	3410.5	1705.3	1705.3	1705.3	3410.5	34105
20463.2	20463.2	13642.1	4092.6	4092.6	5456.8	20463.2	13642.1	6821.1	6821.1	6821.1	13642.1	136421
10231.5	10231.5	6821.0	2046.3	2046.3	2728.4	10231.5	6821.0	3410.5	3410.5	3410.5	6821.0	68210
15347.4	15347.4	10231.6	3069.5	3069.5	4092.6	15347.4	10231.6	5115.8	5115.8	5115.8	10231.6	102316
51157.8	**51157.8**	**34105.2**	**10231.6**	**10231.6**	**13642.1**	**51157.8**	**34105.2**	**17052.6**	**17052.6**	**17052.6**	**34105.2**	**341052**

106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
37500.0	37500.0	25000.0	7500.0	7500.0	10000.0	37500.0	25000.0	12500.0	12500.0	12500.0	25000.0	250000
48006.6	48006.6	32004.4	9601.3	9601.3	12801.8	48006.6	32004.4	16002.2	16002.2	16002.2	32004.4	320044
191961.6	191961.6	127974.4	38392.3	38392.3	51189.8	191961.6	127974.4	63987.2	63987.2	63987.2	127974.4	**1279744**
250230.3	**250230.3**	**166820.2**	**50046.1**	**50046.1**	**66728.1**	**250230.3**	**166820.2**	**83410.1**	**83410.1**	**83410.1**	**166820.2**	**1668202**

2012-13												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
6.0	6.0	4.0	1.2	1.2	1.6	6.0	4.0	2.0	2.0	2.0	4.0	40.00
13.3	13.3	8.9	2.7	2.7	3.6	13.3	8.9	4.4	4.4	4.4	8.9	88.94
9.5	9.5	6.3	1.9	1.9	2.5	9.5	6.3	3.2	3.2	3.2	6.3	63.00
12.5	12.5	8.3	2.5	2.5	3.3	12.5	8.3	4.2	4.2	4.2	8.3	83.00
41.2	**41.2**	**27.5**	**8.2**	**8.2**	**11.0**	**41.2**	**27.5**	**13.7**	**13.7**	**13.7**	**27.5**	**274.937**

0.8	0.8	0.5	0.2	0.2	0.2	0.8	0.5	0.3	0.3	0.3	0.5	5.00
0.9	0.9	0.6	0.2	0.2	0.2	0.9	0.6	0.3	0.3	0.3	0.6	6.00
1.7	1.7	1.1	0.3	0.3	0.4	1.7	1.1	0.6	0.6	0.6	1.1	**11.00**
43.2	**43.2**	**28.8**	**8.6**	**8.6**	**11.5**	**43.2**	**28.8**	**14.4**	**14.4**	**14.4**	**28.8**	**287.937**

Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	9481.2	9481.2	4740.6	0.0	0.0	0.0	0.0	0.0	0.0	23703
0.0	0.0	0.0	9481.2	9481.2	4740.6	0.0	0.0	0.0	0.0	0.0	0.0	23703
0.0	0.0	0.0	18962.4	18962.4	9481.2	0.0	0.0	0.0	0.0	0.0	0.0	**47406**
5115.8	5115.8	3410.5	1023.2	1023.2	1364.2	5115.8	3410.5	1705.3	1705.3	1705.3	3410.5	34105
20463.2	20463.2	13642.1	4092.6	4092.6	5456.8	20463.2	13642.1	6821.1	6821.1	6821.1	13642.1	136421
10231.5	10231.5	6821.0	2046.3	2046.3	2728.4	10231.5	6821.0	3410.5	3410.5	3410.5	6821.0	68210
15347.4	15347.4	10231.6	3069.5	3069.5	4092.6	15347.4	10231.6	5115.8	5115.8	5115.8	10231.6	102316
51157.8	**51157.8**	**34105.2**	**10231.6**	**10231.6**	**13642.1**	**51157.8**	**34105.2**	**17052.6**	**17052.6**	**17052.6**	**34105.2**	**341052**

106455.0	106455.0	70970.0	21291.0	21291.0	28388.0	106455.0	70970.0	35485.0	35485.0	35485.0	70970.0	709700
37500.0	37500.0	25000.0	7500.0	7500.0	10000.0	37500.0	25000.0	12500.0	12500.0	12500.0	25000.0	250000
149517.9	149517.9	99678.6	29903.6	29903.6	39871.4	149517.9	99678.6	49839.3	49839.3	49839.3	99678.6	996786
48006.6	48006.6	32004.4	9601.3	9601.3	12801.8	48006.6	32004.4	16002.2	16002.2	16002.2	32004.4	320044
												2276530
399748.2	**399748.2**	**266498.8**	**79949.6**	**79949.6**	**106599.5**	**399748.2**	**266498.8**	**133249.4**	**133249.4**	**133249.4**	**266498.8**	**2664988**

2013-14												
Physical												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.4	0.4	0.2	0.0	0.0	0.0	0.0	0.0	0.0	1
0.0	0.0	0.0	0.8	0.8	0.4	0.0	0.0	0.0	0.0	0.0	0.0	**2**
6.2	6.2	4.1	1.2	1.2	1.6	6.2	4.1	2.1	2.1	2.1	4.1	41.00
13.1	13.1	8.8	2.6	2.6	3.5	13.1	8.8	4.4	4.4	4.4	8.8	87.64
9.5	9.5	6.3	1.9	1.9	2.5	9.5	6.3	3.2	3.2	3.2	6.3	63.00
12.2	12.2	8.1	2.4	2.4	3.2	12.2	8.1	4.1	4.1	4.1	8.1	81.00
40.9	**40.9**	**27.3**	**8.2**	**8.2**	**10.9**	**40.9**	**27.3**	**13.6**	**13.6**	**13.6**	**27.3**	**272.637**

1.5	1.5	1.0	0.3	0.3	0.4	1.5	1.0	0.5	0.5	0.5	1.0	10.00
0.9	0.9	0.6	0.2	0.2	0.2	0.9	0.6	0.3	0.3	0.3	0.6	6.00
2.4	2.4	1.6	0.5	0.5	0.6	2.4	1.6	0.8	0.8	0.8	1.6	**16.00**
43.6	**43.6**	**29.1**	**8.7**	**8.7**	**11.6**	**43.6**	**29.1**	**14.5**	**14.5**	**14.5**	**29.1**	**290.637**

2013-14												
Financial												
April	May	June	July	Aug.	Sep.	Oct.	Nov.	Dec.	Jan.	Feb	Mar	**Total**
0.0	0.0	0.0	8126.8	8126.8	4063.4	0.0	0.0	0.0	0.0	0.0	0.0	20317
0.0	0.0	0.0	8126.8	8126.8	4063.4	0.0	0.0	0.0	0.0	0.0	0.0	20317
0.0	0.0	0.0	16253.6	16253.6	8126.8	0.0	0.0	0.0	0.0	0.0	0.0	**40634**
3410.6	3410.6	2273.7	682.1	682.1	909.5	3410.6	2273.7	1136.9	1136.9	1136.9	2273.7	22737
13641.9	13641.9	9094.6	2728.4	2728.4	3637.8	13641.9	9094.6	4547.3	4547.3	4547.3	9094.6	90946
6821.1	6821.1	4547.4	1364.2	1364.2	1819.0	6821.1	4547.4	2273.7	2273.7	2273.7	4547.4	45474
10231.5	10231.5	6821.0	2046.3	2046.3	2728.4	10231.5	6821.0	3410.5	3410.5	3410.5	6821.0	68210
34105.1	**34105.1**	**22736.7**	**6821.0**	**6821.0**	**9094.7**	**34105.1**	**22736.7**	**11368.4**	**11368.4**	**11368.4**	**22736.7**	**227367**

212910.0	212910.0	141940.0	42582.0	42582.0	56776.0	212910.0	141940.0	70970.0	70970.0	70970.0	141940.0	1419400
37500.0	37500.0	25000.0	7500.0	7500.0	10000.0	37500.0	25000.0	12500.0	12500.0	12500.0	25000.0	250000
												0
41148.5	41148.5	27432.3	8229.7	8229.7	10972.9	41148.5	27432.3	13716.2	13716.2	13716.2	27432.3	274323
291558.5	291558.5	194372.3	58311.7	58311.7	77748.9	291558.5	194372.3	97186.2	97186.2	97186.2	194372.3	**1943723**
331758.6	**331758.6**	**221172.4**	**66351.7**	**66351.7**	**88469.0**	**331758.6**	**221172.4**	**110586.2**	**110586.2**	**110586.2**	**221172.4**	**2211724**

S.No.	**Activity**	**TOTAL (2010-11)(2011-12)(2012-13),(2013-14)**	
		Phy	**Fin**
1	**Land Development**		
1.1	Afforestation	3	67723
1.2	Horticulture	3	67723
1.3	Agriculture		
1.4	Pasture		
	Sub- Total	**6**	**135446**
2	**Soil and Moisture Conservation**		
2.1	FB	146.236	113684
2.2	SB	313.574	454735
2.3	MB	223.000	227368
2.4	PB	280.970	341052
	Sub- Total	**963.780**	**1136839**

3	**Water Harvesting Structures (WHS)**		
3.1	CD	20.00	2838800
3.2	Kachcha CD/Outlet (Nos)	18.00	750000
3.3	WHB		996786
3.4	Outlet (Nos)		914411
	Sub- Total	**38.00**	**5499997**
	GRAND TOTAL	**1007.78**	**6772282**

CHAPTER NO.-6

CAPACITY BUILDING PLAN

The capacity building of various stake holders will be given very high priority as the watershed is to be developed in participatory mode. Capacity building initiative plays very important role in human resource development of model watershed to replicate and train other watershed resource persons. The capacity building initiatives include training to NARS, government officials, CBOs, farmers and PIAs through field days, hands-on trainings, and exposure visits to successful watersheds, training materials and etc. Need-based specialized training courses will be conducted. The details of the training are summarized in Table 6.1.

■ **: List of probable training institutes for capacity building**

Sr. No.	Name of the Training Institute	Full Address with contact no, website & e-mail	Designation of the Head of Institute	Type of Institute	Area(s) of specialization
1.	Krishi Vigyan Kendra	Belatal P.O.- Jaitpur Mahoba	Programme Coordinator	Ag. University	Extension
2.	Bundelkhand University (Agriculture Division)	Kanpur Road, Jhansi	HOD	State University	Teaching & Training
3.	Govt. Agriculture School	Chirgaon, Jhansi	DD (Ag.)	State Govt.	Training to Farmers
4.	Govt. Poly-technique	Mahoba	Principal	State Govt.	Draft man training

5.	ITI	Mahoba	Principal	State Govt.	Draft man training
6.	District Udhyod Kendra	Mahoba	Director	State Govt.	Livelihood trainings
7.	C. S. A. University of Ag. & Tech.,	Nawabganj, Kanpur	VC	Ag. University	Research & Extension

: Training to stakeholders on participatory watershed management

Sl. No.	**Client Group**	**Title of the Programme/Duration/ Time**	**Objectives**	**Coverage/Topics**	**Training Methodology**	**Training Institutions**

1.	Watershed Committee Members / Watershed Secretaries /Presidents / Field Staff etc	Participatory watershed management Duration : 2 days on each topics	To familiarize the participants with various aspects of participatory management of watershed	Watershed concept, Salient features of guidelines, Organizing people's groups, Conducting meetings, Recording of proceedings, Office Management, Accounting Procedures, Book keepings and accounts, Maintenance of accounts and records, Participatory Planning, Preparation of schemes and estimates for SHGs, Implementation of works and activities, Assisting execution and recording of works, Effecting timely payments Awareness creation	Lectures on LCD Case discussion Group exercises CDs & LCD Show	KVK/ Research institutes/ NGOs

■ **: Title of trainings to be organized for members of WC /WDT/field staff**

• Durum wheat and low water requiring wheat varieties screening and ICM • Interest of groups identification and implementation in collective manner. • Applied Vermi-culture, NADEP and composting technologies for livelihood • Advance vegetable production techniques • Fish culture in water harvesting structures • Post harvest and value addition
• Advance oilseed production techniques. • Cultivation of medicinal and aromatic Plants. • Low cost feeding of milch animals • Integrated pest management in *kharif* and *rabi* pulses
• Goatary, Dairy, rabbit farming and poultry development. • Integrated crop management in pulses and oilseeds
• Advance pulse and oilseed production techniques • Advance extension skills and use of GIS and GPS in watershed • Training on information technology • Computer in agriculture marketing (internet) • Fabrication of gabion • Construction of low cost checkdam, well recharging unit • Monitoring and evaluation of impact of watershed management • Preparation of reports, leaflets, bulletins, etc. • Documentation of success stories • Development of nursery tech.

आई0डब्ल्यू0एम0पी0 के अन्तर्गत क्षमता सम्बन्धी निर्माण

मण्डल का नाम– चित्रकूट धाम मण्डल
द्वितीय स्थित हमीरपुर

माहः– सितम्बर

क0सं0	पी0आई0ए0/भू0सं0ई0 का नाम	परि0 का नाम एवं स्वीकृति वर्ष	प्रशिक्षण संस्थान का नाम	वर्ष 2011–12 में प्रस्तावित प्रशिक्षणों का विवरण	माह तक सम्पन्न होने वाले प्रशिक्षणों का विवरण

			पता एवं विशेषज्ञता	सत्रों की सं0.	प्रशिक्षणार्थियों की सं0	सत्रों की सं0.	प्रशिक्षणार्थियों की सं0
1	2	3	4	5	6	7	8
1	महोबा–3	आई0डब्ल्यू0एम0पी0–6 2009–10		**2**	**200**	**1**	**200**

प्रशिक्षणार्थियों का स्तरवार विवरण						स्वंय सहायता समूह सदस्य (S.H.G.)	
W.C/D.C.		पी0आइ0ए0 सदस्य (PIA)		WDT			
लक्ष्य	पूर्ति	लक्ष्य	पूर्ति	लक्ष्य	पूर्ति	लक्ष्य	पूर्ति
9	10	11	12	13	14	15	16
110	**54**	**4**	**3**	**1**	**1**	**35**	**20**

वाटरशेड कमेटी अध्यक्ष/सदस्य सचिव		ग्राम पंचायत समुदाय		वर्ष में परियोजना के अन्तर्गत उपलब्ध धन0 (लाख रु0 में)
लक्ष्य	पूर्ति	लक्ष्य	पूर्ति	
21	22	23	24	25
74	**10**	**100**	**-**	**31.50**

YEAR WISE PROPOSALS FOR CAPACITY BUILDING

S. N.	Name of MWS's	Financial Year	Nos. Of Training to be Conducted	Name Of Institute	Nos. of Trainees					Amt. has to be Expent
					UG	SHG	WC	OTHER	Total	
1	Gagaura ,Vijaypur ,Panara , Mahua Itaura ,Richha, Bagol ,Rampura Quadim (Sugira)	2010-11	3	National Research Centre for Agroforestry- Jhansi	36	17	13	235	300	5.09
			3	C.S.A.- Kanpur at belatal	68	31	24	446	570	5.12
			3	National Grassland Research Institute- Jhansi	36	17	13	235	300	5.09
			2	Jila Prakshishan and Gram Vikas sansthan-Maudaha	48	22	17	313	400	3.60
		2011-12	2	National Research Centre for Agroforestry- Jhansi	24	11	8	157	200	3.39
			1	Jila Prakshishan and Gram Vikas sansthan-Maudaha	18	8	6	116	148	1.33
		2012-13	2	National Research Centre for Agroforestry- Jhansi	24	11	8	157	200	3.39
			1	Jila Prakshishan and Gram Vikas sansthan-Maudaha	18	8	6	116	148	1.33
		2013-14	1	National Research Centre for Agroforestry- Jhansi	12	6	4	78	100	1.70
			1	Jila Prakshishan and Gram Vikas sansthan-Maudaha	19	9	7	127	162	1.46
TOTAL			**19**		**303**	**139**	**106**	**1979**	**2528**	**31.50**

CHAPTER NO.-7

LIVELIHOOD

स्वयं सहायता समूहों का विवरण

माइक्रोवाटरशेड	समूह का नाम	अध्यक्ष का नाम	कोषाध्यक्ष का नाम	सचिव का नाम	स्त्री/पुरुष/मिश्रित	गांव का नाम	खाता स0	बैंक का नाम	गठन तिथि
महुआ इटौरा	मलाया	अहिल्यारानी	हरकुवंर	विमलेश	महिला	महुआ इटौरा	101386	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	09/08/11
	सुमित्रा	शिवकुमारी	गेंदारानी	प्रभादेवी	महिला		101385	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	6/8/11
	गोदावरी	राधारानी अहिरवार	निर्देशकुमारी	अर्चनादेवी	महिला		101343	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	2/8/11
रमपुरा कदीम सुगिरा	झलकारी बाई	बालादीन	खूबचन्द	रामसेवक	पुरुष	रमपुरा कदीम सुगिरा	50090663458	इलाहाबाद बैंक शाखा कुलपहाड़	23/12/11
रिच्छा	आशा	संतोषकुमार	प्रकाशरानी	उत्तरादेवी	मिश्रित	रिच्छा	102601000100131	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	17/11/11
पनारा	आकाश गंगा	मानकुवंर	रमा	संतोषरानी	महिला	पनारा	10260100010690	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	28/12/11
	यमुना	देवेन्द्र सिंह	नरेन्द्रसिंह	जीतेन्द्र सिंह	पुरुष		10260100010672	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	29/12/11

विजयपुर	आकाश गंगा	राजकुमारी	प्रेमरानी	अवधरानी	महिला	विजयपुर	-	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	03/01/12
	यमुना	जयसिंह	प्रमोद	दयारानी	महिला		10260100010821	इलाहाबाद यू0पी0 ग्रामीक बैंक भरवारा	05/01/12
बागौला	आकाश गंगा	माया	प्रकाशरानी	आशारानी	महिला	बागौला	-	-	20/09/11
	यमुना	आशारानी	सुनीता	कान्ति	महिला		-	-	22/09/11
	काबेरी	राजादुलइया	निर्देशकुमारी	तिजिया	महिला		-	-	25/09/11
गगौरा	बेतवा	सावित्री	हेमलता	नीलम	महिला	गगौरा	-	-	10/09/11
	त्रिवेणी	आशारानी	पुष्पारानी	रामदेवी	महिला		-	-	15/09/11
	गोमती	शोभारानी	सुखदेवी	गीता	महिला		-	-	18/09/11

Establishment of Goat Units for S.H.G.'s formed in I.W.M.P. VIth

Project

District Chitrakoot is situated in Bundelkhand region where the number of sheep is very less and they are small in nature. Goat population is appreciable and in fact, it is the major source of livelihood for poor people of the district.

In the state, on an average, 16 kg of meat is obtained from a goat, if they are dewormmed twice, there shall be increment of 4 kg in meat on an average, benefiting the farmers of the state.

Deworming and vitamins, mineral- supplement to the goats shall enhance their productivity and also improve anti-body response and protection level through vaccination, i.e., importance in efficiency of vaccination. More productivity and assured health and low mortality shall result into adoption of more farmers to goat farming with the formation of more S.H.G.'s and in turn availability of goats for processing units.

Goat excreta shall be of immense help in enrichment of soil fertility.

Establishment of Goat Units for S.H.G.'s

Bundelkhand region, due to the geo-climate conditions and land pattern is favorable for goat husbandry. Goats thrive well in dry and semi-dry climate with bushes and thorny vegetation. Presently in this area, farmers rear goats for their livelihood. If goat husbandry would be transformed to intensive husbandry, there shall be more economic stability of farmers, more profit sharing and availability of running capital for future expansion. Keeping in view the above facts, goat units shall be formed in the area in intensive way.

16 Goat Units are proposed in I.W.M.P. IInd Project for S.H.G. One unit constituting 10 goats and 1 buck will be distributed to one S.H.G.

A register of S.H.G. will be maintained by Secretary of S.H.G. in the supervision of W.D.T. member. The details of beneficiaries of S.H.G. including the breed of goat reared, breeding and feeding status, deworming status, deaths, post mortem conducted claim settlement and working status of unit will be maintained in the register.

Preferences shall be given in consecutive years in purchasing the goats and bucks for new units, from old units for which database maintained shall be of use and it should be assured by buy back arrangement.

Financial Component

S.No.	Component	Amount
1.	Cost of 10 goats of improved breed (not less than 6 months of age) @ Rs. 3000.00 each	30000.00
2.	Cost of 1 buck of improved breed @ Rs. 5000.00	5000.00
3.	Cost of insurance @ 11.63 / unit	4070.00
4.	Feed cost for 3 months @ 250 gm/ day for goats @ Rs. 11.84/ 250 gm	2930.40
5.	Provision of deworming, mineral and vitamin supplement, treatment, vaccination @ Rs.160/ animal	1760.00

6.	The expense including monitoring expenses, register and records @ Rs. 170.00/ unit	170.00
	Total	**Rs. 43,930.40**
		Say Rs. 43,950.00

Estimate of Livestock Development Activities

Total number of female animals: Buffalo - 4725

Cow - 5597

Total - 10,322

1. Artificial Insemination (A.I.): 33% of total animals per year, i.e., 3406 (say 3400 nos.)

Amount required for A.I. by BAIF @ 100.00/ animal.

Total Amount - Rs. 3,40,00.00

2. Vaccination: Total number of animals in I.W.M.P. IInd - 12657 nos.

1. H.S. + B.Q. @ 5.50 69,613.50

2. F.M.D. @10.50 2,65,797.00

(Twice in a year)

Total Amount - Rs. 3,35,410.00

3. Deworming: Adult animals - 11472

Child animals - 1185

Albendazole for 11472 animals @ 40.56 4,65,304.00

	1185 child animals	@20.28	24,032.00
	Total Amount		**- Rs. 4,89,336.00**
4. Mineral Mixture:	**Agrimine Forte Chelated for 8205 animals**	**@ 115.00**	**Rs. 9,43,575.00**
	GRAND TOTAL	**-**	**Rs. 21,08,321.00**

LIVELIHOOD ACTION PLAN

1. Annaual Action Plan for Livelihood (Physical & Financial)

S. No	Physical & Financial Outlay/ Target	unit	First Year		Second Year		Third Year		Fourth Year		Total Project	
			2010-11		2011-12		2012-13		2013-14			
			Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial	Physical	Financial
	(1) Activity Goatary		-	-	-	-	-	-	-	-	-	-
	(a) No. of SHG's	No.	**5**	**1.25**	**21**	**5.25**	**20**	**5.00**	**16**	**3.95**	**62**	**15.45**
	(b) No. of members	No.	**50**	**-**	**200**	**-**	**200**	**-**	**150**	**-**	**-**	**-**
	(c) Estimated income per year	Rs.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	(2) Activity- Poultry		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	(a) No. of SHG's	No.	**5**	**1.25**	**20**	**5.00**	**20**	**5.00**	**10**	**2.50**	**55**	**13.75**
	(b) No. of members	No.	**50**		**200**		**200**		**100**			
	(c) Estimated income per year	Rs.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	(3) Activity-Picklle making		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	(a) No. of SHG's	No.	**5**	**1.25**	**15**	**3.75**	**15**	**3.75**	**10**	**2.50**	**45**	**11.25**
	(b) No. of members	No.	**50**		**150**		**150**		**100**			
	(c) Estimated income per year	Rs.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	(4) Oat Making		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**

	(a) No. of SHG's	No.	**5**	**1.25**	**10**	**2.50**	**10**	**2.50**	**10**	**2.50**	**35**	**8.75**
	(b) No. of members	No.	**50**		**100**		**100**		**100**			
	(c) Estimated income per year	Rs.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	(5) Trailring		**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
	(a) No. of SHG's	No.	**5**	**1.25**	**10**	**2.50**	**10**	**2.50**	**10**	**1.25**	**30**	**7.50**
	(b) No. of members	No.	**50**		**100**		**100**		**50**			
	(c) Estimated income per year	Rs.	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**	**-**
										G.T.		**56.70**

Activity	No. of SHG	Gagaura		Vijaypur		Panara		Mahua Itaura		Riccha		Bagaul		Sugira		Total
		Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	Phy	Fin	
Goatry	**62**	**8**	**2.00**	**9**	**2.25**	**9**	**2.25**	**9**	**2.25**	**8**	**2.00**	**9**	**2.25**	**10**	**2.50**	**15.45**
Poultry	**55**	**7**	**1.75**	**7**	**1.75**	**8**	**2.00**	**7**	**1.75**	**8**	**2.00**	**8**	**2.00**	**10**	**2.50**	**13.75**
Pickle making	**45**	**3**	**0.75**	**7**	**1.75**	**8**	**2.00**	**6**	**1.50**	**6**	**1.50**	**7**	**1.75**	**8**	**2.00**	**11.25**
Oat making	**35**	**1**	**0.25**	**7**	**1.75**	**7**	**2.00**	**7**	**1.75**	**3**	**0.75**	**3**	**0.75**	**6**	**1.50**	**8.75**
Tailoring	**30**	**3**	**0.75**	**3**	**0.75**	**5**	**1.25**	**1**	**0.25**	**1**	**0.25**	**3**	**0.75**	**14**	**3.50**	**7.50**
Total	**227**	**22**	**5.50**	**33**	**8.25**	**37**	**9.50**	**30**	**7.50**	**26**	**6.50**	**30**	**7.50**	**48**	**12.00**	**56.70**

Agro-forestry system for fodder production: A number of fodder trees play an important role in human food security through their function as animal food sources, especially as drought services.

Agro-forestry systems consisting of such tress and animals and/or pasture are called Silvo-Pastoral system.

Silvi-Pasture (or Silvo-Pastoral system) is the most promising alternate land use system which integrates multipurpose trees, shrubs, legumes and grasses mostly on non-arable, degraded and marginal lands for optimizing land productivity. It helps in conservation of vegetation, soil and nutrients and provides forage, timber and fuel wood on a sustainable basis.

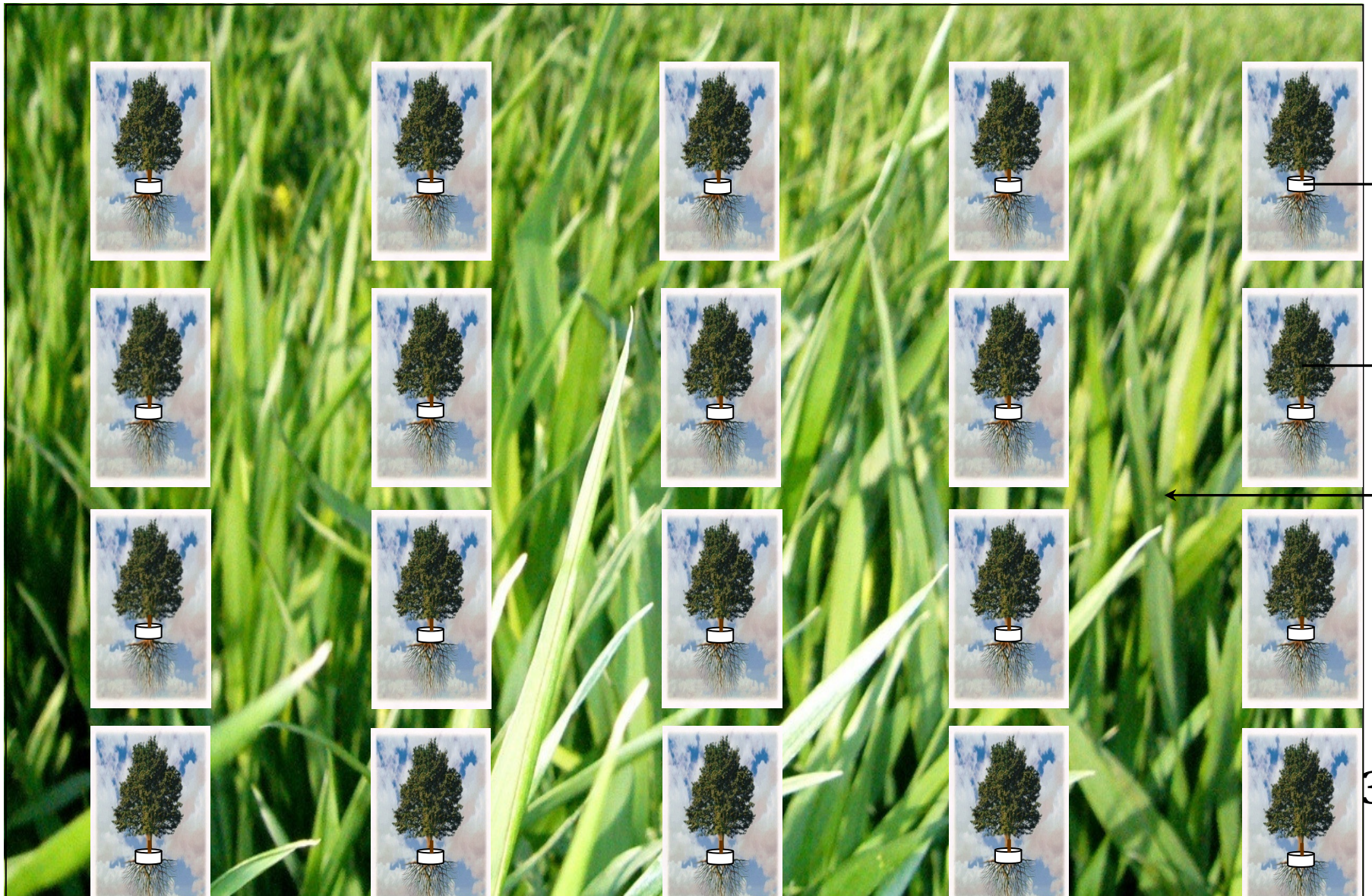
Potentials of Semi-arid region for different forage production systems.

Region	**Forge Production Systems**
Semi arid	Integration of Agro-Silvi-Pasture, dry land agriculture on cultivated lands. Forage-cum- Copping forming on the marginal and sub marginal lands with intercropping dry lands cereals and legumes

CHAPTER NO.-8

PRODUCTION SYSTEMS

DEMONSTRATION OF AGRO-FORESTRY / HORTICULTURE



PROPOSED PRODUCTION SYSTEM WORKS

- **Organic Product Unit**

S. No	Particulars	Description
1	Cereals	Duram Wheat – as grown by the local growers on small groups basis
2	Pulses	Chickpea, pea, lentil, Urd, Moong and Arhar
3	Fruits	Aonla

Above crops to be identified according to the Agro climatic situation (Land, situations, irrigations etc)

Work Plan

1. Identification of commodities groups
2. Informations of groups and their land and farming system approach
3. Certification process

4. Practices for organic growing

Certification Charges For Five Years

S.No.	**Details of Certification**	**Amount (Rs)**
1	1st year – Travel & Inspection 7000 / day	49000.00
	Report Preparation	5000.00
	Certification	5000.00
	Others (Stationary etc)	1000.00
	Total	60000.00
2.	2nd year	60000.00
3	3rd year	60000.00
4	4th Year	60000.00
5	5th year	Self by the groups

	Total	240000.00
	PIA Share – 50 %	120000.00
	Group Share – 50 %	120000.00

■ Seed Production and Seed Bank

Existing Problem: Seed replacement

S. No.	Particulars	Analysis of Problem	
1.	Quality of Seed	Very poor	Low Yield of Crops
2.	Availability of Seed	Untimely	Effect the Yield of crops
3.	Seed Rate (at the time of sowing)	Higher 1.5 to 2.0 times then recommendation	Money loss
4.	Productivity	Very Low	Lack of awareness about seed and ICM
5.	Replacement rate of Seed	Nil	Low productivity

Objectives:

1. To improve the quality of uncertified seed (farmer's seed) or Truthful seed at village level.
2. To increase the production and productivity.
3. To create awareness among the farmers about quality seed, seed rate and method of sowing.
4. To generate employment for unemployed rural youth.
5. To save grain for extra use and income.
6. Multiplication of seed of newly released varieties suitable for microclimate.

Work Plan:

1. Formation of advisory committees
2. Selection of farmers for seed production in groups.
3. Selection of land according to crops requirement.
4. Arrangement of seed before the main season from different universities / states.
5. Field visits of farmers for truthful seed and for certification by certified agencies
6. Marketing of seed by groups or e marketing.

Seed Multiplication Table

S. No.	Crop	Required seed (q/ha)	Productivity q/ha	Area sown (ha)	Required seed (q)
1.	Durum Wheat	1.00	18.00	40	40.00
2.	Chickpea	1.00	12.00	20	20.00
3.	Field Pea	1.00	12.00	20	20.00
4.	Lentil	0.60	11.00	20	12.00
5.	Urd	0.50	4.00	10	5.00
6.	Moong	0.50	4.00	10	5.00

Input Required

1. Seed:

S. No.	Crop	Required seed (in quintal)	Approximately Rate of Seed (Rs./q)	Amount (Rs.)
1.	Durum Wheat	40.00	2500	100000
2.	Chickpea	20.00	6500	130000
3.	Field Pea	20.00	5400	108000
4.	Lentil	12.00	6000	72000
5.	Urd	5.00	5500	27500
6.	Moong	5.00	5600	28000
	Total			**465500**

2. Cost of Cultivation: From sowing to harvesting all activities should be done by the individual farmer under the Self help group.
3. Drying, Sorting & Cleaning at village level:
   10 Labour Rs. @ 100 for one day for each crop for one ha produce for wheat

   5 labour Rs. @ 100 for one day for each crop for one ha produce for pulses

Crop	Area (ha)	Labour for one ha	Amount (Rs.)
Durum Wheat	40.00	1000	40000.00
Chickpea	20.00	500	10000.00

Field Pea	20.00	500	10000.00
Lentil	12.00	500	6000.00
Urd	5.00	500	2500.00
Moong	5.00	500	2500.00
Total	**102**		**71000.00**

4. Registration Fees (@ Rs 450 /ha 45900.00
5. Packaging (hand Sieving machine) **5500.00**
6. Jute Bags (bags of 40 kg Total No. 3430) **51450.00**
7. Transportation & services charges etc. 20000.00

Total **122850.00**

Income from one Unit & Area Expansion with good productivity

S. No.	Crop	Production	Rate / q	Total Amount (Rs.)	Area can be sown
1.	Durum Wheat	720	2000	1440000	720
2.	Chickpea	240	5000	1200000	240
3.	Field Pea	240	4500	1080000	240
4.	Lentil	132	4500	594000	220
5.	Urd	20	4000	80000	40
6.	Moong	20	4200	84000	40
	Total	**1372**		**4478000**	**1500**

- At least 2 units will be established in the whole cluster of watershed by the self help groups.
- Interested SHGs will be preferred and village community work for seed bank and deposit seeds for higher production and increasing the area of the watershed under the cluster approach.
- The production from seed production unit will be used as seed bank by SHGs and other villagers of productivity enhancement. The SHGs will get money from other farmers on behalf of their seed and the benefited farmers will take an oath to spread these seed for higher productivity in the watershed to other farmers.

Outcomes from Seed Production & Seed Bank programme

S. No.	Crop	Production	Total Amount (Rs.)	Two unit in cluster	Area can be sown (ha)
1.	Durum Wheat	720	1440000	2880000	1440
2.	Chickpea	240	1200000	2400000	480
3.	Field Pea	240	1080000	2160000	480
4.	Lentil	132	594000	1188000	440
5.	Urd	20	80000	160000	80
6.	Moong	20	84000	168000	80
	Total	**1372**	**4478000**	**8956000**	**3000.00**

- It is very clear from the production of seed and their bank which will run in participatory mode in the watershed

■ **Production System Interventions**

Following interventions have been proposed for sustainable development of watershed.

■ Crop production improvement interventions

Crop improvement programme will be taken up on farmer's field with participatory approach on pulses, oilseeds, cereals, etc. Improved package of practices will be demonstrated on farmer's fields. Application of recommended doses of fertilizers, pesticides, weedicides and other practices to the crops was not practiced in the area and farmers rarely use these practices in integrated and balanced manner. For the improvement of productivity integrated crop management, integrated pest management and integrated nutrient management demonstrations should be included in the programme.

- Placement of basal dose of fertilizers at 8-10 cm depth in the root zone
- Application of multi-nutrient fertilizers to supplement the need of sulphur and other nutrients.
- Intercropping: Recommended intercropping systems like sorghum + pigeon pea, pigeon pea + black gram and soybean + pigeon pea are promising only under normal monsoon condition. Their productivity declines significantly if the monsoon gets delayed up to first week of August. Castor + green gram intercropping is an efficient intercropping system for delayed monsoon condition in black soil.

Sorghum + Pigeon pea Intercropping

- Sorghum is one of the prominent *kharif* crops of this rainfed MWS
- As the rooting pattern and date of maturity between the sorghum and pigeon pea differ, the two crops show good compatibility when grown together. Sorghum is harvested after 100 to 110 days while pigeon pea matures in 230 to 240 days.
- The legume crop of pigeon pea helps in maintaining soil fertility.
- Sorghum + pigeon pea intercropping is the most promising cropping system for normal monsoon rainfall and even under aberrant weather condition in Bundelkhand region in black soil series.
- The crop should be sown in 1:1 row ratio during last week of June to first week of July as per monsoon occurrence.
- The intercropping system is suitable for rainfed farming in Jhansi district as well as for Micro-watershed of black soil series.

Pigeon pea + black gram Intercropping

- Pigeon pea and black gram are the prominent *kharif* crops of this rainfed MWS
- As the rooting pattern and date of maturity between the black gram and pigeon pea differ, the two crops show good compatibility when grown together. Black gram is harvested after 90 to 100 days while pigeon pea matures in 230 to 240 days.
- Both the legume crop of pigeon pea and black gram helps in maintaining soil fertility.
- Pigeon pea + black gram intercropping is the most promising cropping system for normal monsoon rainfall and even under aberrant weather condition in Bundelkhand region in black soil series.
- The crop should be sown in 1:2 row ratios during last week of June to first week of July as per monsoon occurrence.
- The intercropping system is suitable for rainfed farming in Jhansi district as well as for micro-watershed of black soil series.

Soybean + Pigeon pea Intercropping

- Soybean is the new *kharif* crops for this areas where soil is black and has moisture and life saving irrigation near the water harvesting structures.
- As the rooting pattern and date of maturity between the soybean and pigeon pea differ, the two crops show good compatibility when grown together. Soybean is harvested after 110 to 120 days while pigeon pea matures in 230 to 240 days.
- The crop should be sown in 2:1 & 3:1 row ratios during last week of June to first week of July as per monsoon occurrence.

Castor + green gram intercropping

- Castor + green gram intercropping is an efficient intercropping system for delayed monsoon condition as emerged in last five years.
- Castor is a long duration (220-230 days) non-edible crop which grows well under rainfed condition with little effect on its productivity due to delayed sowing upto first week of August than other crop in the area.
- Unlike castor, green gram (*Mung bean)* is a fast growing (65-70 days duration) legume, which escapes competition with castor and is suited well for delayed monsoon conditions.

- Castor and green gram should be sown in separate rows across the slope in 1:2 ratio i.e. 30 cm apart so that the distance between two castor rows remains 60 cm. This would minimize erosion hazard under field conditions.
- This system provides excellent vegetative cover on the ground and reduces runoff and soil loss and improving soil fertility status. It provides employment for 93-95 man-days.

Vegetables and spices

Vegetables and spices were not being grown on commercial scale in the watershed villages. Therefore, it is decided to promote cultivation of onion, garlic, tomato, brinjal, cucurbits, chilies, turmeric and isabgol in areas for income and nutritional security.

Fodder cultivation

Scarcity of fodder in the area emerged as one of the major concern of the watershed community during PRA exercise. Therefore, in addition to the development of community pasture land, fodder cultivation in agricultural fields will be taken up extensively to meet the fodder demands of animals as revealed in fodder requirement analysis.

Replacement of old varieties

Farmers were not aware of high yielding varieties of crops. Certified seeds were rarely used in the area. Therefore, the efforts will be made to replace the prevailing varieties by new high yielding varieties, having wider adaptability against adverse climatic condition. Varieties of urd, moong, sesamum, sorghum and pearl millet in *kharif* season while durum wheat, wheat, lentil, field pea, chickpea, linseed and mustard/rai in *rabi* season will be introduced on farmers field.

Action Plan Of Production System in I.W.M.P. - 6

Name of PIA - B.S.A.L.D.W.R. MAHOBA -III

NAME OF MICRO WATERSHED- BAGAUL

BLOCK- PANVARI **DISTT. MAHOBA**

Khareef Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date of crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Kamlesh Kuma	Urd	t-27	0.400	8000	800	7200	7/8/2012	9/27/2012	10/1/2012	8	12	12	60	6
2	bala Prasad	Moong	Samrat	0.400	8000	800	7200	7/8/2012	9/30/2012	10/1/2012	10	13	13	50	7
3	karori lal	Til	T-13	0.400	7000	700	6300	7/10/2012	9/30/2012	10/2/2012	7	10	10	70	1.5
4	Bhagirath	Ground nut	T-64	0.400	10000	1000	9000	7/5/2012	10/15/2012	10/17/2012	12	15	15	18	10
5	Brij lal	arher	Bahar	0.400	10000	1000	9000	7/5/2012	4/4/2013	4/10/2013	10	15	15	75	5
6	Ram sewak	Urd	t-27	0.400	8000	800	7200	7/8/2013	9/27/2013	10/1/2013	8	12	12	60	6
7	mayyadeen	Moong	Samrat	0.400	8000	800	7200	7/8/2013	9/30/2013	10/1/2013	10	13	13	50	7
8	Mohan lal	Til	T-13	0.400	7000	700	6300	7/10/2013	9/30/2013	10/2/2013	7	10	10	70	1.5
9	jagdees Sharan	Ground nut	T-64	0.400	10000	1000	9000	7/5/2013	10/15/2013	10/17/2013	12	15	15	18	10
10	Laxmi Prasad	arher	Bahar	0.400	10000	1000	9000	7/5/2013	4/4/2014	4/10/2014	10	15	15	75	5
11	Khumana	Urd	t-27	0.400	8000	800	7200	7/8/2014	4/4/2014	10/1/2014	8	12	12	60	6
12	Dheerendra	Moong	Samrat	0.400	8000	800	7200	7/8/2014	9/27/2014	10/1/2014	10	13	13	50	7
13	Laxmi Prasad	Til	T-13	0.400	7000	700	6300	7/10/2014	9/30/2014	10/2/2014	7	10	10	70	1.5
14	Matadeen	Ground nut	T-64	0.400	10000	1000	9000	7/5/2014	9/30/2014	10/17/2014	12	15	15	18	10

15	Keshav chand	arher	Bahar	0.400	10000	1000	9000	7/5/2014	10/15/2015	4/10/2015	10	15	15	75	5
16	Shantosh kumar	Bhindi	Padmini Kranti	0.400	10000	1000	9000	6/25/2012	8/20/2012	10/15/2012	60	90	-	-	-
17	baijnath	Brinjal	Pusha Hybrid-55	0.400	12000	1200	10800	6/15/2012	8/25/2012	10/20/2012	65	80	-	-	-
18	Shiv ram	Chili	Chanchal	0.400	12000	1200	10800	6/10/2012	9/10/2012	11/5/2012	10	15	-	-	-
Total					163000										

Rabi Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date os crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Santosh kumar	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2012	4/5/2013	4/5/2013	40-45	50-55	55	80	40
2	babu lal	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2012	4/15/2013	4/15/2013	10-12	15-18	18	50	30
3	nandua	Pea	Rachna	0.400	10000	1000	9000	10/20/2012	4/10/2013	4/10/2013	10-14	12-18	18	50	15
4	Pooran	Lentil	k-75	0.400	8000	800	7200	10/20/2012	4/5/2013	4/5/2013	7-8	12-15	15	65	10
5	Prithviraj	Mustard	Bardan	0.400	7000	700	6300	10/20/2012	4/15/2013	4/15/2013	7-8	12-15	15	100	10
6	Chandrasekhar	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2013	4/5/2014	4/5/2014	40-45	50-55	55	80	40
7	babu lal	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2013	4/15/2014	4/15/2014	10-12	15-18	18	50	30
8	Bal kishan	Pea	Rachna	0.400	10000	1000	9000	10/20/2013	4/10/2014	4/10/2014	10-14	12-18	18	50	15
9	Bhagwan das	Lentil	k-75	0.400	8000	800	7200	10/20/2013	4/5/2014	4/5/2014	7-8	12-15	15	65	10
10	Baijnath	Mustard	Bardan	0.400	7000	700	6300	10/20/2013	4/15/2014	4/15/2014	7-8	12-15	15	100	10
11	Shivram	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2014	4/5/2015	4/5/2015	40-45	50-55	55	80	40

12	Rajkumar	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2014	4/15/2015	4/15/2015	10-12	15-18	18	50	30
13	Swamiprasad	Pea	Rachna	0.400	10000	1000	9000	10/20/2014	4/10/2015	4/10/2015	10-14	12-18	18	50	15
14	Govinddas	Lentil	k-75	0.400	8000	800	7200	10/20/2014	4/5/2015	4/5/2015	7-8	12-15	15	65	10
15	Gajraj singh	Masturd	Bardan	0.400	7000	700	6300	10/20/2014	4/15/2015	4/15/2015	7-8	12-15	15	100	10
16	Balaprasad	Tomato	Rupali	0.400	15000	1500	13500	9/10/2012	11/5/2012	12/5/2012	200-300	450-500	-	-	-
17	Ram prasad	Colly flower	Pant-2	0.400	15000	1500	13500	9/10/2012	11/15/2012	11/30/2012	200-300	300-400	-	-	-
18	Matadeen	Potato	C-140	0.400	12000	1200	10800	9/25/2012	11/20/2012	11/30/2012	200-300	300-400	200-300	20	5
	Total				183000										

NAME OF MICRO WATERSHED- PANARA

Khareef Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date of crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Manohar singh	Urd	t-27	0.400	8000	800	7200	7/8/2012	9/27/2012	10/1/2012	8	12	12	60	6
2	Bansipal	Moong	Samrat	0.400	8000	800	7200	7/8/2012	9/30/2012	10/1/2012	10	13	13	50	7
3	Faddi	Til	T-13	0.400	7000	700	6300	7/10/2012	9/30/2012	10/2/2012	7	10	10	70	1.5
4	Kamlesh kumar	Ground nut	T-64	0.400	10000	1000	9000	7/5/2012	10/15/2012	10/17/2012	12	15	15	18	10
5	Halkai	arher	Bahar	0.400	10000	1000	9000	7/5/2012	4/4/2013	4/10/2013	10	15	15	75	5
6	Bhoopendra singh	Urd	t-27	0.400	8000	800	7200	7/8/2013	9/27/2013	10/1/2013	8	12	12	60	6

7	Ram sevak	Moong	Samrat	0.400	8000	800	7200	7/8/2013	9/30/2013	10/1/2013	10	13	13	50	7
8	Raja ram	Til	T-13	0.400	7000	700	6300	7/10/2013	9/30/2013	10/2/2013	7	10	10	70	1.5
9	Badri prsad	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2013	10/15/2013	10/17/2013	12	15	15	18	10
10	Lakhan lal	arher	Bahar	0.400	10000	1000	9000	7/5/2013	4/4/2014	4/10/2014	10	15	15	75	5
11	Dharam das	Urd	t-27	0.400	8000	800	7200	7/8/2014	4/4/2014	10/1/2014	8	12	12	60	6
12	Phool kumarai	Moong	Samrat	0.400	8000	800	7200	7/8/2014	9/27/2014	10/1/2014	10	13	13	50	7
13	Sundar lal	Til	T-13	0.400	7000	700	6300	7/10/2014	9/30/2014	10/2/2014	7	10	10	70	1.5
14	Mahendra pratap	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2014	9/30/2014	10/17/2014	12	15	15	18	10
15	Gajanndra singh	arher	Bahar	0.400	10000	1000	9000	7/5/2014	10/15/2015	4/10/2015	10	15	15	75	5
16	Ashok Kumar	Bhindi	Padmin i Kranti	0.400	10000	1000	9000	6/25/2012	8/20/2012	10/15/2012	60	90	-	-	-
17	Chetram	Brinjal	Pusha Hybrid-55	0.400	12000	1200	10800	6/15/2012	8/25/2012	10/20/2012	65	80	-	-	-
18	Asharam	Chili	Chanch al	0.400	12000	1200	10800	6/10/2012	9/10/2012	11/5/2012	10	15	-	-	-
	Total				163000										

Rabi Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date os crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Narendra	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2012	4/5/2013	4/5/2013	40-45	50-55	55	80	40
2	Brindavan	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2012	4/15/2013	4/15/2013	10-12	15-18	18	50	30

3	Harprasad	Pea	Rachna	0.400	10000	1000	9000	10/20/2012	4/10/2013	4/10/2013	10-14	12-18	18	50	15
4	Pannalal	Lentil	k-75	0.400	8000	800	7200	10/20/2012	4/5/2013	4/5/2013	7-8	12-15	15	65	10
5	Prahlad	Mustur d	Bardan	0.400	7000	700	6300	10/20/2012	4/15/2013	4/15/2013	7-8	12-15	15	100	10
6	Bhanupratap	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2013	4/5/2014	4/5/2014	40-45	50-55	55	80	40
7	kashi Prasad	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2013	4/15/2014	4/15/2014	10-12	15-18	18	50	30
8	Natthu	Pea	Rachna	0.400	10000	1000	9000	10/20/2013	4/10/2014	4/10/2014	10-14	12-18	18	50	15
9	Ramswaroop	Lentil	k-75	0.400	8000	800	7200	10/20/2013	4/5/2014	4/5/2014	7-8	12-15	15	65	10
10	Prabhudayal	Mustur d	Bardan	0.400	7000	700	6300	10/20/2013	4/15/2014	4/15/2014	7-8	12-15	15	100	10
11	balkishan	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2014	4/5/2015	4/5/2015	40-45	50-55	55	80	40
12	Khemchand	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2014	4/15/2015	4/15/2015	10-12	15-18	18	50	30
13	Ganesh	Pea	Rachna	0.400	10000	1000	9000	10/20/2014	4/10/2015	4/10/2015	10-14	12-18	18	50	15
14	Phool kumarai	Lentil	k-75	0.400	8000	800	7200	10/20/2014	4/5/2015	4/5/2015	7-8	12-15	15	65	10
15	Sundar lal	Mustur d	Bardan	0.400	7000	700	6300	10/20/2014	4/15/2015	4/15/2015	7-8	12-15	15	100	10
16	Mahendra pratap	Tomato	Rupali	0.400	15000	1500	13500	9/10/2012	11/5/2012	12/5/2012	200-300	450-500	-	-	-
17	Gajanndra singh	Colly flower	Pant-2	0.400	15000	1500	13500	9/10/2012	11/15/2012	11/30/2012	200-300	300-400	-	-	-
18	Ghanshyam	Potato	C-140	0.400	12000	1200	10800	9/25/2012	11/20/2012	11/30/2012	200-300	300-400	200-300	20	5
	Total				183000										

NAME OF MICRO WATERSHED- VIJAYPUR

Khareef Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date of crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)

1	Narendra	Urd	t-27	0.400	8000	800	7200	7/8/2012	9/27/2012	10/1/2012	8	12	12	60	6
2	Brindavan	Moong	Samrat	0.400	8000	800	7200	7/8/2012	9/30/2012	10/1/2012	10	13	13	50	7
3	Harprasad	Til	T-13	0.400	7000	700	6300	7/10/2012	9/30/2012	10/2/2012	7	10	10	70	1.5
4	Pannalal	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2012	10/15/2012	10/17/2012	12	15	15	18	10
5	Prahlad	arher	Bahar	0.400	10000	1000	9000	7/5/2012	4/4/2013	4/10/2013	10	15	15	75	5
6	Bhanupratap	Urd	t-27	0.400	8000	800	7200	7/8/2013	9/27/2013	10/1/2013	8	12	12	60	6
7	kashi Prasad	Moong	Samrat	0.400	8000	800	7200	7/8/2013	9/30/2013	10/1/2013	10	13	13	50	7
8	Natthu	Til	T-13	0.400	7000	700	6300	7/10/2013	9/30/2013	10/2/2013	7	10	10	70	1.5
9	Ramswaroo p	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2013	10/15/2013	10/17/2013	12	15	15	18	10
10	Prabhudayal	arher	Bahar	0.400	10000	1000	9000	7/5/2013	4/4/2014	4/10/2014	10	15	15	75	5
11	balkishan	Urd	t-27	0.400	8000	800	7200	7/8/2014	4/4/2014	10/1/2014	8	12	12	60	6
12	Tulsi das	Moong	Samrat	0.400	8000	800	7200	7/8/2014	9/27/2014	10/1/2014	10	13	13	50	7
13	Bhawani Deen	Til	T-13	0.400	7000	700	6300	7/10/2014	9/30/2014	10/2/2014	7	10	10	70	1.5
14	kashi Prasad	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2014	9/30/2014	10/17/2014	12	15	15	18	10
15	Ramkishan	arher	Bahar	0.400	10000	1000	9000	7/5/2014	10/15/2015	4/10/2015	10	15	15	75	5
16	Kishori	Bhindi	Padmin i Kranti	0.400	10000	1000	9000	6/25/2012	8/20/2012	10/15/2012	60	90	-	-	-
17	Swamideen	Brinjal	Pusha Hybrid-55	0.400	12000	1200	10800	6/15/2012	8/25/2012	10/20/2012	65	80	-	-	-
18	jaysinhgh	Chili	Chanch al	0.400	12000	1200	10800	6/10/2012	9/10/2012	11/5/2012	10	15	-	-	-
	Total				163000										

Rabi Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date os crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Saeed	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2012	4/5/2013	4/5/2013	40-45	50-55	55	80	40
2	Braj kisor	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2012	4/15/2013	4/15/2013	10-12	15-18	18	50	30
3	Hardayal	Pea	Rachna	0.400	10000	1000	9000	10/20/2012	4/10/2013	4/10/2013	10-14	12-18	18	50	15
4	Jageswar	Lentil	k-75	0.400	8000	800	7200	10/20/2012	4/5/2013	4/5/2013	7-8	12-15	15	65	10
5	Chet ram	Mustur d	Bardan	0.400	7000	700	6300	10/20/2012	4/15/2013	4/15/2013	7-8	12-15	15	100	10
6	Mansu	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2013	4/5/2014	4/5/2014	40-45	50-55	55	80	40
7	Durjan	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2013	4/15/2014	4/15/2014	10-12	15-18	18	50	30
8	Vishal	Pea	Rachna	0.400	10000	1000	9000	10/20/2013	4/10/2014	4/10/2014	10-14	12-18	18	50	15
9	Ashif	Lentil	k-75	0.400	8000	800	7200	10/20/2013	4/5/2014	4/5/2014	7-8	12-15	15	65	10
10	Surendra	Mustur d	Bardan	0.400	7000	700	6300	10/20/2013	4/15/2014	4/15/2014	7-8	12-15	15	100	10
11	Khalbhal	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2014	4/5/2015	4/5/2015	40-45	50-55	55	80	40
12	Druram	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2014	4/15/2015	4/15/2015	10-12	15-18	18	50	30
13	Ramprasad	Pea	Rachna	0.400	10000	1000	9000	10/20/2014	4/10/2015	4/10/2015	10-14	12-18	18	50	15
14	Indra pal	Lentil	k-75	0.400	8000	800	7200	10/20/2014	4/5/2015	4/5/2015	7-8	12-15	15	65	10
15	Swamideen	Mustur d	Bardan	0.400	7000	700	6300	10/20/2014	4/15/2015	4/15/2015	7-8	12-15	15	100	10
16	Harprasad	Tomato	Rupali	0.400	15000	1500	13500	9/10/2012	11/5/2012	12/5/2012	200-300	450-500	-	-	-
17	Bhanupratap	Colly flower	Pant-2	0.400	15000	1500	13500	9/10/2012	11/15/2012	11/30/2012	200-300	300-400	-	-	-
18	Tulsi das	Potato	C-140	0.400	12000	1200	10800	9/25/2012	11/20/2012	11/30/2012	200-300	300-400	200-300	20	5

	Total				183000										

NAME OF MICRO WATERSHED- Mahuaa Itaura

Khareef Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date of crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Surendra	Urd	t-27	0.400	8000	800	7200	7/8/2012	9/27/2012	10/1/2012	8	12	12	60	6
2	Khalbhal	Moong	Samrat	0.400	8000	800	7200	7/8/2012	9/30/2012	10/1/2012	10	13	13	50	7
3	Druram	Til	T-13	0.400	7000	700	6300	7/10/2012	9/30/2012	10/2/2012	7	10	10	70	1.5
4	Ramprasad	Ground nut	T-64	0.400	10000	1000	9000	7/5/2012	10/15/2012	10/17/2012	12	15	15	18	10
5	Indra pal	arher	Bahar	0.400	10000	1000	9000	7/5/2012	4/4/2013	4/10/2013	10	15	15	75	5
6	Swamideen	Urd	t-27	0.400	8000	800	7200	7/8/2013	9/27/2013	10/1/2013	8	12	12	60	6
7	Harprasad	Moong	Samrat	0.400	8000	800	7200	7/8/2013	9/30/2013	10/1/2013	10	13	13	50	7
8	Bhanupratap	Til	T-13	0.400	7000	700	6300	7/10/2013	9/30/2013	10/2/2013	7	10	10	70	1.5
9	Tulsi das	Ground nut	T-64	0.400	10000	1000	9000	7/5/2013	10/15/2013	10/17/2013	12	15	15	18	10
10	rameshwar	arher	Bahar	0.400	10000	1000	9000	7/5/2013	4/4/2014	4/10/2014	10	15	15	75	5
11	Shivram	Urd	t-27	0.400	8000	800	7200	7/8/2014	4/4/2014	10/1/2014	8	12	12	60	6
12	harnarayan	Moong	Samrat	0.400	8000	800	7200	7/8/2014	9/27/2014	10/1/2014	10	13	13	50	7
13	haridas	Til	T-13	0.400	7000	700	6300	7/10/2014	9/30/2014	10/2/2014	7	10	10	70	1.5
14	Kapoorbaksh	Ground nut	T-64	0.400	10000	1000	9000	7/5/2014	9/30/2014	10/17/2014	12	15	15	18	10
15	Asrav	arher	Bahar	0.400	10000	1000	9000	7/5/2014	10/15/2015	4/10/2015	10	15	15	75	5

16	Chatrapal	Bhindi	Padmini Kranti	0.400	10000	1000	9000	6/25/2012	8/20/2012	10/15/2012	60	90	-	-	-
17	Santosh	Brinjal	Pusha Hybrid-55	0.400	12000	1200	10800	6/15/2012	8/25/2012	10/20/2012	65	80	-	-	-
18	Kamta	Chili	Chanchal	0.400	12000	1200	10800	6/10/2012	9/10/2012	11/5/2012	10	15	-	-	-
	Total				163000										

Rabi Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date os crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Kali deen	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2012	4/5/2013	4/5/2013	40-45	50-55	55	80	40
2	Arjun	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2012	4/15/2013	4/15/2013	10-12	15-18	18	50	30
3	Girdhari	Pea	Rachna	0.400	10000	1000	9000	10/20/2012	4/10/2013	4/10/2013	10-14	12-18	18	50	15
4	Hindu	Lentil	k-75	0.400	8000	800	7200	10/20/2012	4/5/2013	4/5/2013	7-8	12-15	15	65	10
5	Indrapal	Masturd	Bardan	0.400	7000	700	6300	10/20/2012	4/15/2013	4/15/2013	7-8	12-15	15	100	10
6	Matadeen	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2013	4/5/2014	4/5/2014	40-45	50-55	55	80	40
7	Jagdees	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2013	4/15/2014	4/15/2014	10-12	15-18	18	50	30
8	Rampal	Pea	Rachna	0.400	10000	1000	9000	10/20/2013	4/10/2014	4/10/2014	10-14	12-18	18	50	15
9	Krapal	Lentil	k-75	0.400	8000	800	7200	10/20/2013	4/5/2014	4/5/2014	7-8	12-15	15	65	10
10	Chatrapal	Masturd	Bardan	0.400	7000	700	6300	10/20/2013	4/15/2014	4/15/2014	7-8	12-15	15	100	10
11	Devideen	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2014	4/5/2015	4/5/2015	40-45	50-55	55	80	40
12	Bharosilal	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2014	4/15/2015	4/15/2015	10-12	15-18	18	50	30
13	Mannu lal	Pea	Rachna	0.400	10000	1000	9000	10/20/2014	4/10/2015	4/10/2015	10-14	12-18	18	50	15

14	Jagmohan	Lentil	k-75	0.400	8000	800	7200	10/20/2014	4/5/2015	4/5/2015	7-8	12-15	15	65	10
15	raguveer	Mustard	Bardan	0.400	7000	700	6300	10/20/2014	4/15/2015	4/15/2015	7-8	12-15	15	100	10
16	Amar chand	Tomato	Rupali	0.400	15000	1500	13500	9/10/2012	11/5/2012	12/5/2012	200-300	450-500	-	-	-
17	mahesh	Colly flower	Pant-2	0.400	15000	1500	13500	9/10/2012	11/15/2012	11/30/2012	200-300	300-400	-	-	-
18	Rampal	Potato	C-140	0.400	12000	1200	10800	9/25/2012	11/20/2012	11/30/2012	200-300	300-400	200-300	20	5
	Total				183000										

NAME OF MICRO WATERSHED- RICCHA

Khareef Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date of crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Devideen	Urd	t-27	0.400	8000	800	7200	7/8/2012	9/27/2012	10/1/2012	8	12	12	60	6
2	Bharosilal	Moong	Samrat	0.400	8000	800	7200	7/8/2012	9/30/2012	10/1/2012	10	13	13	50	7
3	Mannu lal	Til	T-13	0.400	7000	700	6300	7/10/2012	9/30/2012	10/2/2012	7	10	10	70	1.5
4	Jagmohan	Ground nut	T-64	0.400	10000	1000	9000	7/5/2012	10/15/2012	10/17/2012	12	15	15	18	10
5	raguveer	arher	Bahar	0.400	10000	1000	9000	7/5/2012	4/4/2013	4/10/2013	10	15	15	75	5
6	Amar chand	Urd	t-27	0.400	8000	800	7200	7/8/2013	9/27/2013	10/1/2013	8	12	12	60	6
7	mahesh	Moong	Samrat	0.400	8000	800	7200	7/8/2013	9/30/2013	10/1/2013	10	13	13	50	7
8	Rampal	Til	T-13	0.400	7000	700	6300	7/10/2013	9/30/2013	10/2/2013	7	10	10	70	1.5
9	Bhagwan das	Ground nut	T-64	0.400	10000	1000	9000	7/5/2013	10/15/2013	10/17/2013	12	15	15	18	10
10	Hardayal	arher	Bahar	0.400	10000	1000	9000	7/5/2013	4/4/2014	4/10/2014	10	15	15	75	5

11	Nandram	Urd	t-27	0.400	8000	800	7200	7/8/2014	4/4/2014	10/1/2014	8	12	12	60	6
12	rameshwar	Moong	Samrat	0.400	8000	800	7200	7/8/2014	9/27/2014	10/1/2014	10	13	13	50	7
13	Shivram	Til	T-13	0.400	7000	700	6300	7/10/2014	9/30/2014	10/2/2014	7	10	10	70	1.5
14	harnarayan	Ground nut	T-64	0.400	10000	1000	9000	7/5/2014	9/30/2014	10/17/2014	12	15	15	18	10
15	haridas	arher	Bahar	0.400	10000	1000	9000	7/5/2014	10/15/2015	4/10/2015	10	15	15	75	5
16	Kapoorbaksh	Bhindi	Padmini Kranti	0.400	10000	1000	9000	6/25/2012	8/20/2012	10/15/2012	60	90	-	-	-
17	Mangla	Brinjal	Pusha Hybrid-55	0.400	12000	1200	10800	6/15/2012	8/25/2012	10/20/2012	65	80	-	-	-
18	Dayaram	Chili	Chanchal	0.400	12000	1200	10800	6/10/2012	9/10/2012	11/5/2012	10	15	-	-	-
	Total				163000										

Rabi Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date os crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Chetram	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2012	4/5/2013	4/5/2013	40-45	50-55	55	80	40
2	Harnarayan	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2012	4/15/2013	4/15/2013	10-12	15-18	18	50	30
3	Kisori lal	Pea	Rachna	0.400	10000	1000	9000	10/20/2012	4/10/2013	4/10/2013	10-14	12-18	18	50	15
4	Jamuna	Lentil	k-75	0.400	8000	800	7200	10/20/2012	4/5/2013	4/5/2013	7-8	12-15	15	65	10
5	Kunjan devi	Mustard	Bardan	0.400	7000	700	6300	10/20/2012	4/15/2013	4/15/2013	7-8	12-15	15	100	10
6	Laldas	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2013	4/5/2014	4/5/2014	40-45	50-55	55	80	40
7	Biharilal	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2013	4/15/2014	4/15/2014	10-12	15-18	18	50	30

8	Cidiya	Pea	Rachna	0.400	10000	1000	9000	10/20/2013	4/10/2014	4/10/2014	10-14	12-18	18	50	15
9	Kalicharan	Lentil	k-75	0.400	8000	800	7200	10/20/2013	4/5/2014	4/5/2014	7-8	12-15	15	65	10
10	Amarchand	Mustur d	Bardan	0.400	7000	700	6300	10/20/2013	4/15/2014	4/15/2014	7-8	12-15	15	100	10
11	Saraswat	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2014	4/5/2015	4/5/2015	40-45	50-55	55	80	40
12	Mool chand	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2014	4/15/2015	4/15/2015	10-12	15-18	18	50	30
13	deshraj	Pea	Rachna	0.400	10000	1000	9000	10/20/2014	4/10/2015	4/10/2015	10-14	12-18	18	50	15
14	Rajaram	Lentil	k-75	0.400	8000	800	7200	10/20/2014	4/5/2015	4/5/2015	7-8	12-15	15	65	10
15	Devkaran	Mustur d	Bardan	0.400	7000	700	6300	10/20/2014	4/15/2015	4/15/2015	7-8	12-15	15	100	10
16	Guljar	Tomat o	Rupali	0.400	15000	1500	13500	9/10/2012	11/5/2012	12/5/2012	200-300	450-500	-	-	-
17	Nandram	Colly flower	Pant-2	0.400	15000	1500	13500	9/10/2012	11/15/2012	11/30/2012	200-300	300-400	-	-	-
18	Kamla	Potato	C-140	0.400	12000	1200	10800	9/25/2012	11/20/2012	11/30/2012	200-300	300-400	200-300	20	5
	Total				183000										

NAME OF MICRO WATERSHED-
GAGAURA

Khareef Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date of crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Amarchand	Urd	t-27	0.400	8000	800	7200	7/8/2012	9/27/2012	10/1/2012	8	12	12	60	6
2	Saraswat	Moong	Samrat	0.400	8000	800	7200	7/8/2012	9/30/2012	10/1/2012	10	13	13	50	7
3	Mool chand	Til	T-13	0.400	7000	700	6300	7/10/2012	9/30/2012	10/2/2012	7	10	10	70	1.5

4	deshraj	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2012	10/15/20 12	10/17/20 12	12	15	15	18	10
5	Rajaram	arher	Bahar	0.400	10000	1000	9000	7/5/2012	4/4/2013	4/10/201 3	10	15	15	75	5
6	Devkaran	Urd	t-27	0.400	8000	800	7200	7/8/2013	9/27/201 3	10/1/201 3	8	12	12	60	6
7	Guljar	Moong	Samrat	0.400	8000	800	7200	7/8/2013	9/30/201 3	10/1/201 3	10	13	13	50	7
8	Nandram	Til	T-13	0.400	7000	700	6300	7/10/201 3	9/30/201 3	10/2/201 3	7	10	10	70	1.5
9	Kamla	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2013	10/15/20 13	10/17/20 13	12	15	15	18	10
10	Ramsanehi	arher	Bahar	0.400	10000	1000	9000	7/5/2013	4/4/2014	4/10/201 4	10	15	15	75	5
11	Bhagwati	Urd	t-27	0.400	8000	800	7200	7/8/2014	4/4/2014	10/1/201 4	8	12	12	60	6
12	Rajendra Prasad	Moong	Samrat	0.400	8000	800	7200	7/8/2014	9/27/201 4	10/1/201 4	10	13	13	50	7
13	Awadh prasad	Til	T-13	0.400	7000	700	6300	7/10/201 4	9/30/201 4	10/2/201 4	7	10	10	70	1.5
14	Hardayal	Groun d nut	T-64	0.400	10000	1000	9000	7/5/2014	9/30/201 4	10/17/20 14	12	15	15	18	10
15	Nandram	arher	Bahar	0.400	10000	1000	9000	7/5/2014	10/15/20 15	4/10/201 5	10	15	15	75	5
16	rameshwar	Bhindi	Padmin i Kranti	0.400	10000	1000	9000	6/25/201 2	8/20/201 2	10/15/20 12	60	90	-	-	-
17	Shivram	Brinjal	Pusha Hybrid-55	0.400	12000	1200	1080 0	6/15/201 2	8/25/201 2	10/20/20 12	65	80	-	-	-
18	harnarayan	Chili	Chanch al	0.400	12000	1200	1080 0	6/10/201 2	9/10/201 2	11/5/201 2	10	15	-	-	-
	Total				163000										

Rabi Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date os crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)

1	Karan	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2012	4/5/2013	4/5/2013	40-45	50-55	55	80	40
2	Sik pati	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2012	4/15/2013	4/15/2013	10-12	15-18	18	50	30
3	Dallepa	Pea	Rachna	0.400	10000	1000	9000	10/20/2012	4/10/2013	4/10/2013	10-14	12-18	18	50	15
4	Krapal	Lentil	k-75	0.400	8000	800	7200	10/20/2012	4/5/2013	4/5/2013	7-8	12-15	15	65	10
5	Ramcharan	Mustur d	Bardan	0.400	7000	700	6300	10/20/2012	4/15/2013	4/15/2013	7-8	12-15	15	100	10
6	Ramnarayan	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2013	4/5/2014	4/5/2014	40-45	50-55	55	80	40
7	Jaysingh	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2013	4/15/2014	4/15/2014	10-12	15-18	18	50	30
8	Asha ram	Pea	Rachna	0.400	10000	1000	9000	10/20/2013	4/10/2014	4/10/2014	10-14	12-18	18	50	15
9	Dulichand	Lentil	k-75	0.400	8000	800	7200	10/20/2013	4/5/2014	4/5/2014	7-8	12-15	15	65	10
10	Shiv pal	Mustur d	Bardan	0.400	7000	700	6300	10/20/2013	4/15/2014	4/15/2014	7-8	12-15	15	100	10
11	Ram charan	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2014	4/5/2015	4/5/2015	40-45	50-55	55	80	40
12	Ramkuwar	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2014	4/15/2015	4/15/2015	10-12	15-18	18	50	30
13	Devideen	Pea	Rachna	0.400	10000	1000	9000	10/20/2014	4/10/2015	4/10/2015	10-14	12-18	18	50	15
14	Sharda Prasad	Lentil	k-75	0.400	8000	800	7200	10/20/2014	4/5/2015	4/5/2015	7-8	12-15	15	65	10
15	Prarsuram	Mustur d	Bardan	0.400	7000	700	6300	10/20/2014	4/15/2015	4/15/2015	7-8	12-15	15	100	10
16	Guljar	Tomat o	Rupali	0.400	15000	1500	13500	9/10/2012	11/5/2012	12/5/2012	200-300	450-500	-	-	-
17	Nandram	Colly flower	Pant-2	0.400	15000	1500	13500	9/10/2012	11/15/2012	11/30/2012	200-300	300-400	-	-	-
18	Kamla	Potato	C-140	0.400	12000	1200	10800	9/25/2012	11/20/2012	11/30/2012	200-300	300-400	200-300	20	5
	Total				183000										

NAME OF MICRO WATERSHED- SUGIRA

Khareef Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date of crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Baldev	Urd	t-27	0.400	8000	800	7200	7/8/2012	9/27/2012	10/1/2012	8	12	12	60	6
2	Naval kishor	Moong	Samrat	0.400	8000	800	7200	7/8/2012	9/30/2012	10/1/2012	10	13	13	50	7
3	Munna singh	Til	T-13	0.400	7000	700	6300	7/10/2012	9/30/2012	10/2/2012	7	10	10	70	1.5
4	Natthu	Ground nut	T-64	0.400	10000	1000	9000	7/5/2012	10/15/2012	10/17/2012	12	15	15	18	10
5	Parwati	arher	Bahar	0.400	10000	1000	9000	7/5/2012	4/4/2013	4/10/2013	10	15	15	75	5
6	Santram	Urd	t-27	0.400	8000	800	7200	7/8/2013	9/27/2013	10/1/2013	8	12	12	60	6
7	Kuntu	Moong	Samrat	0.400	8000	800	7200	7/8/2013	9/30/2013	10/1/2013	10	13	13	50	7
8	Surat singh	Til	T-13	0.400	7000	700	6300	7/10/2013	9/30/2013	10/2/2013	7	10	10	70	1.5
9	Roop singh	Ground nut	T-64	0.400	10000	1000	9000	7/5/2013	10/15/2013	10/17/2013	12	15	15	18	10
10	Bahadur	arher	Bahar	0.400	10000	1000	9000	7/5/2013	4/4/2014	4/10/2014	10	15	15	75	5
11	Bhagwat narayan	Urd	t-27	0.400	8000	800	7200	7/8/2014	4/4/2014	10/1/2014	8	12	12	60	6
12	Swami Prasad	Moong	Samrat	0.400	8000	800	7200	7/8/2014	9/27/2014	10/1/2014	10	13	13	50	7
13	Bhoopat singh	Til	T-13	0.400	7000	700	6300	7/10/2014	9/30/2014	10/2/2014	7	10	10	70	1.5
14	nandkishor	Ground nut	T-64	0.400	10000	1000	9000	7/5/2014	9/30/2014	10/17/2014	12	15	15	18	10
15	vimla devi	arher	Bahar	0.400	10000	1000	9000	7/5/2014	10/15/2015	4/10/2015	10	15	15	75	5
16	wali	Bhindi	Padmini Kranti	0.400	10000	1000	9000	6/25/2012	8/20/2012	10/15/2012	60	90	-	-	-

17	Bihari	Brinjal	Pusha Hybrid-55	0.400	12000	1200	10800	6/15/2012	8/25/2012	10/20/2012	65	80	-	-	-
18	Kusum devi	Chili	Chanchal	0.400	12000	1200	10800	6/10/2012	9/10/2012	11/5/2012	10	15	-	-	-
	Total				163000										

Rabi Crops

S. N.	Name of Farmers	Name of Crops	Name of variety	Area of Demonstration (Ha.)	Cost Of Demonstration	Share Of farmer	Share of Project	Proposed date of showing	Approx date of crop maturing	approx date os crop harvesting	Productivity in qtl/hact.		Total Seed production in qtl.	Give-Take of Proposed seed	
											present	approximate		No. of Farmer	Amount (qtl)
1	Bahadur	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2012	4/5/2013	4/5/2013	40-45	50-55	55	80	40
2	Bhagwat narayan	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2012	4/15/2013	4/15/2013	10-12	15-18	18	50	30
3	Swami Prasad	Pea	Rachna	0.400	10000	1000	9000	10/20/2012	4/10/2013	4/10/2013	10-14	12-18	18	50	15
4	Bhoopat singh	Lentil	k-75	0.400	8000	800	7200	10/20/2012	4/5/2013	4/5/2013	7-8	12-15	15	65	10
5	nandkishor	Mustur d	Bardan	0.400	7000	700	6300	10/20/2012	4/15/2013	4/15/2013	7-8	12-15	15	100	10
6	vimla devi	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2013	4/5/2014	4/5/2014	40-45	50-55	55	80	40
7	wali	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2013	4/15/2014	4/15/2014	10-12	15-18	18	50	30
8	Bihari	Pea	Rachna	0.400	10000	1000	9000	10/20/2013	4/10/2014	4/10/2014	10-14	12-18	18	50	15
9	Kusum devi	Lentil	k-75	0.400	8000	800	7200	10/20/2013	4/5/2014	4/5/2014	7-8	12-15	15	65	10
10	Jaysingh	Mustur d	Bardan	0.400	7000	700	6300	10/20/2013	4/15/2014	4/15/2014	7-8	12-15	15	100	10
11	Asha ram	Wheat	W.H.-147	0.400	12000	1200	10800	11/25/2014	4/5/2015	4/5/2015	40-45	50-55	55	80	40
12	Dulichand	Gram	Pusha-256	0.400	10000	1000	9000	10/20/2014	4/15/2015	4/15/2015	10-12	15-18	18	50	30
13	Shiv pal	Pea	Rachna	0.400	10000	1000	9000	10/20/2014	4/10/2015	4/10/2015	10-14	12-18	18	50	15

14	Ram charan	Lentil	k-75	0.400	8000	800	7200	10/20/2014	4/5/2015	4/5/2015	7-8	12-15	15	65	10
15	Ramkuwar	Mustur d	Bardan	0.400	7000	700	6300	10/20/2014	4/15/2015	4/15/2015	7-8	12-15	15	100	10
16	Devideen	Tomato	Rupali	0.400	15000	1500	13500	9/10/2012	11/5/2012	12/5/2012	200-300	450-500	-	-	-
17	Sharda Prasad	Colly flower	Pant-2	0.400	15000	1500	13500	9/10/2012	11/15/2012	11/30/2012	200-300	300-400	-	-	-
18	Ghanshyam	Potato	C-140	0.400	12000	1200	10800	9/25/2012	11/20/2012	11/30/2012	200-300	300-400	200-300	20	5
	Total				183000										
	G.T.				**2422000**										

ESTIMATE OF ANWLA ORCHARD

Area 1 ha

Particulars-	Rate @ Rs.	Amt.
No of plant	200@16=3200	
Daging of pits	200@35=7000	
Planting	200@10=2000	
Irrigation	=440	
FYM	=11000	
Micro neutriente	=1000	
Transportation	=1600	
Total	**=26240**	

ESTIMATE OF GUAVA ORCHARD

Area 0.5 ha

No of plant	200@16=3200
Daging of pits	200@35=7000
Planting	200@10=2000
Irrigation	=437
FYM + Vermi	=12000
Micro neutriente/ insetiside	=4000
Transportation	=1000
Total	**=27337**

ESTIMATE OF LEMON ORCHARD

Area 0.5 ha

No of plant	200@10=3200
Daging of pits	200@25=5000
Planting	200@10=2000
Irrigation	=437
FYM + Vermi	=8000
Malathiyan	=500
T/P	=1000
Total	**=18937**

Demostration of orchard plantation

S.L.	name of plantation	Area ha.	Cost @ / ha	Amount
1	Guawa	3.5	54674	191359.00
2	Anwla	7	26240	183680.00
3	Lemon	3.5	37874	132559.00
G.T.				507598.00

Note- The total cost of horticulture demostration of 7 MWS is avobe each mentioned
The remaining amount of demostration of Rs. 3370402 is going to
Microinterprises

Cost Estimation of mini dairy farm

S.L.	Particulars	Rs. @ of	Amt
1	Buffalow	40000x3	120000.00
2	costruction of shed	1	50000.00
3	Appratus	-	2000.00
4	Ration (4 month)	-	26000.00
5	medicine	-	1000.00
6	Other	-	1000.00
	G.T.		200000.00

Cost Estimation of Poultry farm

S.L.	Particulars	Rs. @ of	Amt
1	Chicken	200x30	6000.00
2	costruction of shed	1	100000.00
3	Electrification	-	18000.00
4	Appratus	-	20000.00
5	Ration	50 days	28300.00
6	Medicine	-	3000.00
	G.T.		175300.00

Cost Estimation of Goatry

S.L.	Particulars	Rs. @ of	Amt
1	Goat	10x5000	50000.00
2	costruction of shed	1	10000.00
3	Appratus	-	800.00
4	Ration	Rainy season	9000.00
5	medicine	-	1000.00
6	Other	-	200.00
	G.T.		71000.00

Note- The micro interprices of stablised in Panara 2 Goatry and 2 poultry farm in sugira .
and other 7 microwatershed each one Goatry, Poultry and Dairy farms .

The total cost of micro Enterprises in MWS's

S.L.	Particulars	No. of farm	Cost @	Amount
1	Dairy	7	200000	1400000.00
2	Poultry	8	175300	1402400.00
3	Goatry	8	71000	568000.00
G.T.				3370400.00

Summary

The cost of Demostration is above mention total spent Rs. Of crop demostration		2422000
The cost of Demostration is above mention total spent Rs. Of Orchard		507598
The cost of Demostration is above mention total spent Rs. Of Microenterprises		3370400
	G.T.	**6299998**
	Say Rs.	**6300000**

CHAPTER NO.-9

MONITORING AND IMPACT EVALUATION

S. No.	Item	Phycal Year wise (area in ha.)					Financial Year wise (Rs. In Lacs.)				
		2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	2012-13	2013-14	Total
1	Monitoring	-	-	-	-	-	1.26	1.26	1.26	2.52	6.30
2	Evaluation	-	-	-	-	-	1.89	-	2.205	2.205	6.30

1 Plan for Monitoring

Monitoring of the project will be done at each stage and it will be carried out for both, process and outcome. Some community members will be trained and will be involved in participatory monitoring of various parameters and processes and the crop yields. The interventions, expenditure and other information will be displayed in the watershed villages through wall writings. Besides trained community members, PIA/DWDU will also monitor the physical and financial progress of watershed development programme. Frontier technologies viz. GIS and Remote Sensing techniques will be used by the PIA/DWDU for monitoring and evaluation. The PIA shall submit quarterly progress reports (countersigned by the Watershed Committee (WC) President) to the DWDU for further submission to the SLNA. Sustainable and unbiased monitoring will be ensured by involving an independent agency. About 1 per cent of the total budget will be used on this activity.

■ Plan for Evaluation

Watershed development activities bring about both tangible and intangible benefits. In order to quantify the benefits, impact analysis has been proposed.

- **Theme :**

It is presumed that as a consequence of watershed development activities there will be noticeable change in socio-economic status of inhabitants, cropping intensity, ground water recharge, crop diversification, fuel, fodder and small timber availability, livestock composition and milk production, etc. These indicators can be gauged over bench mark data both at the beginning and at the end of the project within the watershed.

- **Observations**

The following indicators will be taken into account for quantitative and qualitative assessment. For the purpose, detailed questionnaires will be prepared and field observations will be carried out.

1. Duration of availability of drinking water/irrigation and groundwater recharge
2. Irrigation frequency and area under irrigation
3. Changes in cropping pattern and cropping systems in the farmers fields along with productivity and incomes
4. Soil health
5. Satellite monitoring for vegetation cover and other parameters
6. Fuel, fodder and small timber availability
7. Livestock composition and productivity
8. Periodic pest and disease monitoring will be done in major crops
9. Socio-economic aspects including resource inventory

Following indices will also be worked out as qualitative indicators of the watershed development:

- Land Improvement Index (LII)
- Crop Diversification Index (CDI)
- Cultivated Land Utilization Index (CLUI)
- Crop Fertilization Index (CFI)
- Induced Watershed Eco-Index (IWEI)

The concurrent and post-project monitoring and evaluation would be conducted to assess the status of watershed related interventions. It will be done by an independent agency having similar experiences. About 1 per cent of the total budget will also be used on evaluation.

CONSOLIDATION AND WITHDRAWAL STRATEGY

S. No.	Item	Phycal Year wise (area in ha.)					Financial Year wise (Rs. In Lacs.)				
		2010-11	2011-12	2012-13	2013-14	Total	2010-11	2011-12	2012-13	2013-14	Total
1	Consolidation Phase	-	-	-	-	-	-	-	-	18.90	18.90

- **Consolidation and Withdrawal Strategy**

Success of any program depends on sustainability of the various watershed interventions and sustainability can only be achieved through active participation of community. Active participation and cooperation of community can be ensured by building their capacities through exposures and trainings. From the beginning emphasis will be on capacity building and empowerment of stakeholders. The Watershed Committee, SHGs, Area Groups, Users Group and other CBOs will be established, trained, and strengthened to continue development after withdrawal of PIA. By building economic activities through CBOs community participation will be sustained. The PR&D approach along with demand driven interventions will reduce dependency on subsidies. Contributions from the community will be ensured for the entire activities to develop sense of belongingness and these contributions will be deposited to the account of Watershed Development Fund. Watershed Development Fund will also be strengthening through donations from the individual and institutions and the CBOs will be trained to run watershed as business model on sustainable basis. The tangible economic benefits along with empowerment and hand holding by PIA will empower the CBOs to develop and sustain the watershed activities after withdrawal of the PIA. Community organizations will withdraw the money from the WDF to maintain the asset created during the implementation phase. The consolidation phase will also include writing of

project completion report, documentation of success stories, making films, leaflets, bulletins and the lessons learnt. The expenditure will be done as per the Common Guidelines for Watershed Development Projects 2008.

EXPECTED PROJECT OUTCOME

Employment Generation and Checking Migration

There had been very heavy migration from Bundelkhand region. It is as high as 39% against an average migration rate of 11%, in other regions of Uttar Pradesh towards northern part of the country, specially the states of Delhi, Punjab and Haryana, as agriculture labours, factory workers, rickshaw pullers etc. The major reason attributed to high rate of migration is continuous drought in the region and absence of any other alternate livelihood opportunity, in spite of several anti-poverty programmes.

Due to watershed management the cropping intensity will be increased by around 50 per cent, in turn acreage in agricultural activities will be increased by about 3715 ha. Therefore, an additional employment of about 185750 man days will be generated annually. Therefore, no migration in search of livelihoods is expected after implementation of watershed programme.

- **Other Expected Outcome***

The following tangible benefits are expected after implementation of the project:

- Runoff will be reduced by about 30 per cent, however soil and nutrient loss may be reduced up to 40 per cent from the watershed.
- Irrigation intensity may be increased to 50 per cent from present 20 per cent life saving irrigation.
- Surface water in nallah may be available for more than 10 months against 4-5 months at present.
- Average ground water recharge of about 4 m may be easily obtained after implementation of the programme
- Productivity of crops may be increased by about 20 per cent
- Significant saving of seeds may be obtained through crop demonstration with improved package of practices

- During implementation phase about 10000 mandays will be created through the soil and water conservation measures and crop/agroforestry interventions.
- The B C ratio of the projects varied in the range of 3.21 to 4.09.

***Above mentioned outcomes are based on the meta analysis of 636 watershed projects throughout the country done by ICRISAT, Hyderabad and practical experience of watershed management in Bundelkhand region.**

■ Questions to be answered

This project will answer the following questions:

1. Will the measures taken for water harvesting sufficient enough to recharge the perched water table?
2. Will the soil and water conservation practices be helpful in combating drought?
3. Will alternate land use such as agroforestry land use system result in self reliance/prosperity in drought prone areas?
4. Can the strategies based on watershed basis yield fruitful results?
5. Response of the villagers towards the project and their participation in sustaining developed resources after whithdrawal of the project?
6. Will the formation of SHGs will help in savings and generation of self employment?
7. Will the watershed programmes improve the socio-economic conditions of the stake holders?
8. Will the watershed programme helps in capacity building of the stake holders for dissemination of various activities of watershed programme?
9. Will it sustain after project withdrawal?

■ Problems that could be solved as a results of this project/study

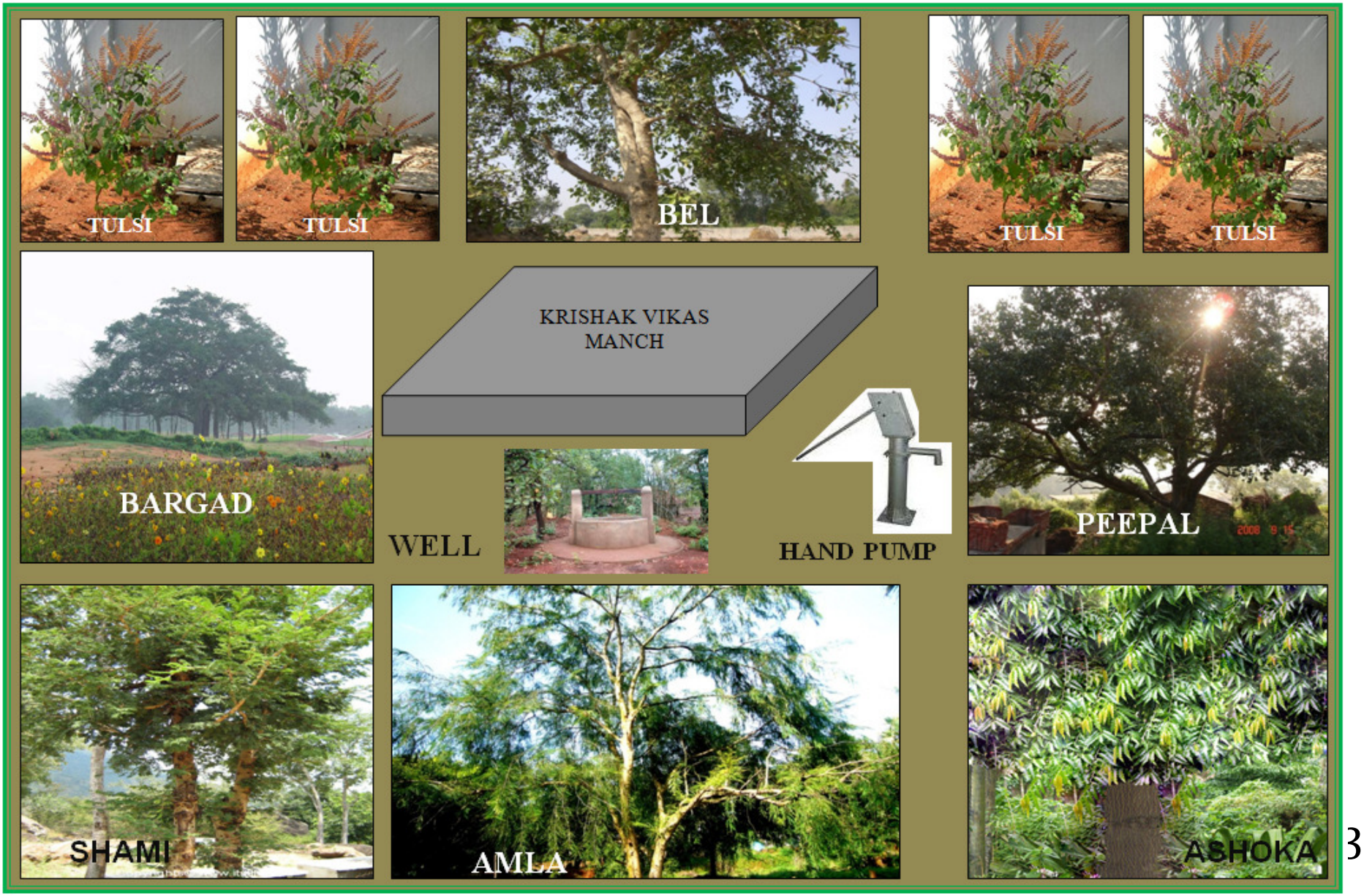
Following problems can be tackled in the proposed watershed:

1. Solving the problems of shortage of fuel, fodder, fruit and small timber requirement of villagers.
2. Creating water resources for ground water recharge availability of surface water for animal drinking and nistar purposes.
3. Increasing fertilizer consumption and improving NPK consumption ratio.
4. Optimizing crop productivity by putting more area under HYV and irrigation.
5. Increasing cropping intensity.
6. Promoting dairying through increased fodder availability.
7. Improving basic amenities and facilities like health, education, drinking water etc.
8. Increasing per capita income and thereby standard of living of farming community.
9. Increasing co-operative membership.
10. Increasing self employment.
11. Improving living standard of society.

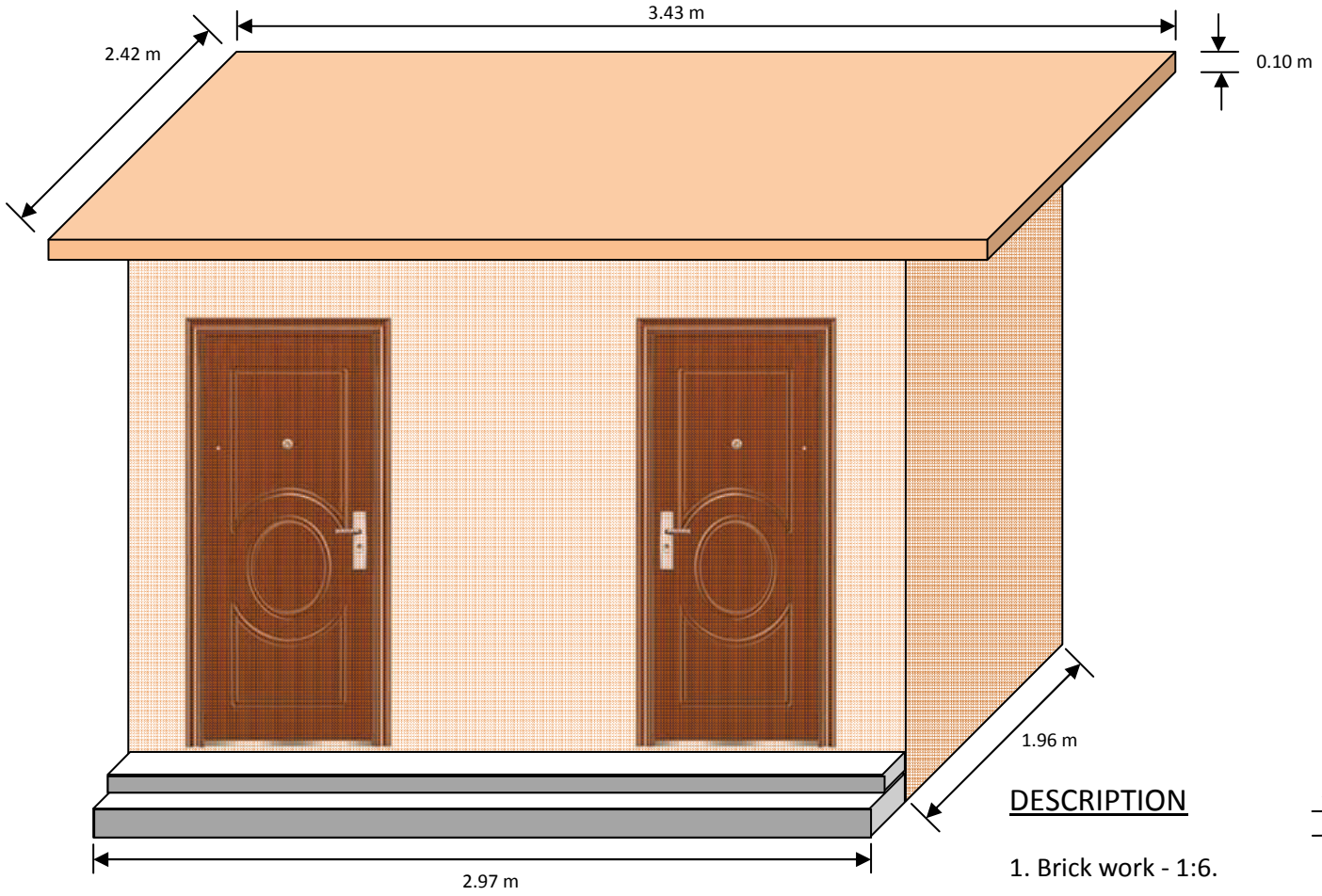
CHAPTER NO.-10

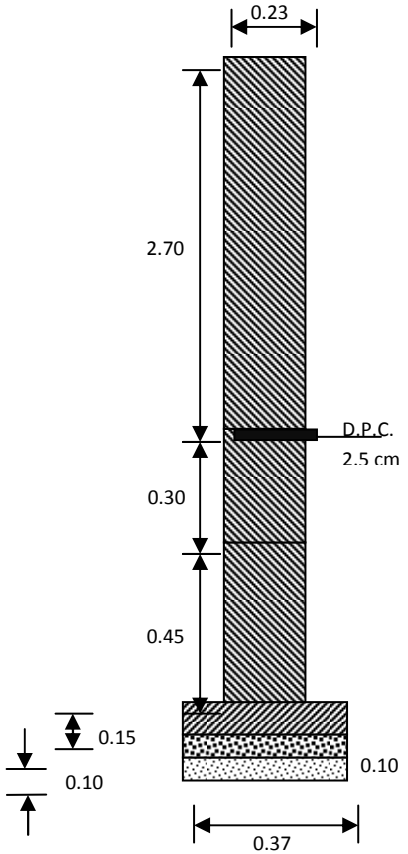
DRAWING AND DETAIL ESTIMATE OF DIFFERENT WATERSHED STRUCTURES

PROPOSED PANCHVATI PLACE



.DRAWING OF BATHROOM (Cloth Changing Room)





DESCRIPTION

1. Brick work - 1:6.
2. Door size - 0.80 m x 1.80 m
3. D.P.C. –2.5 cm- 1:2:4.
4. C.C.W. – 1:4:8.
5. R.C.C. of roof - 1:2:4.
6. Window size - 0.75 m x 0.60 m.
7. Plastering work – 1:4.
8. Lintel – 1:2:4. R.C.C.

DETAIL ESTIMATE OF PROPOSED PUBLIC TOILET ROOM (Sulabh Shauchalaya)

S.N.	Description of work	No.	Length (M)	Width (M)	Height/Depth (M)	Quantity
1	**Earth work in digging**	2	3.30	0.60	0.80	3.168
		2	1.33	0.60	0.80	1.276
		1	1.33	0.30	0.80	0.319
					Total	**4.763 cum**
2	**Laying of sand in foundation**	2	3.11	0.37	0.10	0.230
		2	1.36	0.37	0.10	0.100
		1	1.36	0.15	0.10	0.020
					Total	**0.350 cum**
3	**C.C.W. 1:4:8 in foundation**	2	3.11	0.37	0.10	0.230
		2	1.36	0.37	0.10	0.100
		1	1.36	0.15	0.10	0.020
					Total	**0.350 cum**
4	**Brick work 1:6 in foundation up to plingth**	2	3.11	0.37	0.15	0.345
		2	1.36	0.37	0.15	0.150

		1	1.36	0.11	0.15	0.022
		2	2.97	0.23	0.75	1.024
		2	1.50	0.23	0.75	0.517
		1	1.50	0.11	0.75	0.123
	Super Structure	2	2.97	0.23	2.70	3.688
		2	1.50	0.23	2.70	1.863
		1	1.50	0.11	2.70	0.445
					Total	**8.177 cum**
5	**D.P.C. 1:2:4**	2	2.97	0.23	0.025	0.034
		2	1.50	0.23	0.025	0.017
		1	1.50	0.11	0.025	0.004
					Total	**0.005 cum**
6	**Lintel 1:2:4 for door**	2	1.00	0.23	0.10	0.046
	R.C.C. for window	2	0.75	0.23	0.10	0.034
					Total	**0.080 cum**
7	**Deduction from Brick work**					
	door	2	0.80	0.23	1.80	0.662
	window	2	0.80	0.23	0.60	0.220

					Total	**0.882 cum**
	Net brick masonary work	**8.177 - 0.882**				**7.295 cum**
8	**Plastering 1:4**	2	3.11	-	3.00	18.66
		2	1.96	-	3.00	11.76
		4	1.20	-	2.70	12.96
		4	1.50	-	2.70	16.20
		2	1.20	1.50	-	3.60
	Total					**63.18**
	Deduction for doors	2	0.80	-	1.80	2.88 sq.m
	Net plastering work	63.18 – 2.88				**60.30** sq.m
9	**Flooring C.C.W. 1:4:8**	2	1.50	1.20	0.075	0.270 cum
	C.C.W. 1:2:4	2	1.50	1.20	0.025	0.090 cum
10	**white washing**	**2**	**3.11**	**-**	**3.00**	**18.66**
		2	**1.96**	**-**	**3.00**	**11.76**
		4	**1.20**	**-**	**2.70**	**12.96**
		4	**1.50**	**-**	**2.70**	**16.20**
		2	**1.20**	**1.50**	**-**	**3.60**

	Total					**63.18 sq.m**
	Deduction for doors	2	0.80	-	1.80	2.88 sq.m
	Net white washing	**63.18 - 2.88**				**60.30 sq.m**
11	**Roof R.C.C. 1:2:4**	1	3.57	1.96	0.10	0.699 cum

ESTIMATE OF MATERIALS

S. N.	Particulars	Quantity	Cement (Bags)	Coarse sand (cum)	Brick (Nos)	G.S.B (m^3)	M.S. Bar 8 mm	10-20 m.m. Grit	Door No.	Lime (kg.)
1	sand laying	0.350 cum	-	0.350	-	-	-	-	-	-
2	C.C.W. 1:4:8	0.620 cum	2.10	0.279	-	0.576	-	-	-	-
3	C.C.W. 1:2:4	0.095 cum	0.57	0.039	-	-	-	0.080	-	-
4	R.C.C. 1:2:4	0.779 cum	4.75	0.327	-	-	0.0079/61.15 kg	0.662	-	-
5	Brick work 1:4	7.295 cum	13.13	1.969	3356	-	-	-	-	-
6	Plastering 1:4	60.300 m^2	6.63	0.904	-	-	-	-	-	-
7	White washing	60.300 m^2	-	-	-	-	-	-	-	6.00
8	Doors	2 Nos	-	-	-	-	-	0.742	2	-
Total			**27.18**	**3.868**	**3356**	**0.576**	**0.0079/61.15 kg**	**0.742**	**2 Nos.**	**6.00**

S.No.	Particulars	Quantity	Rate	Amount
Say	27	3.870	3360	0.576	0.0079/61.15 kg	0.742	2 Nos.	6.00

COST OF MATERIALS

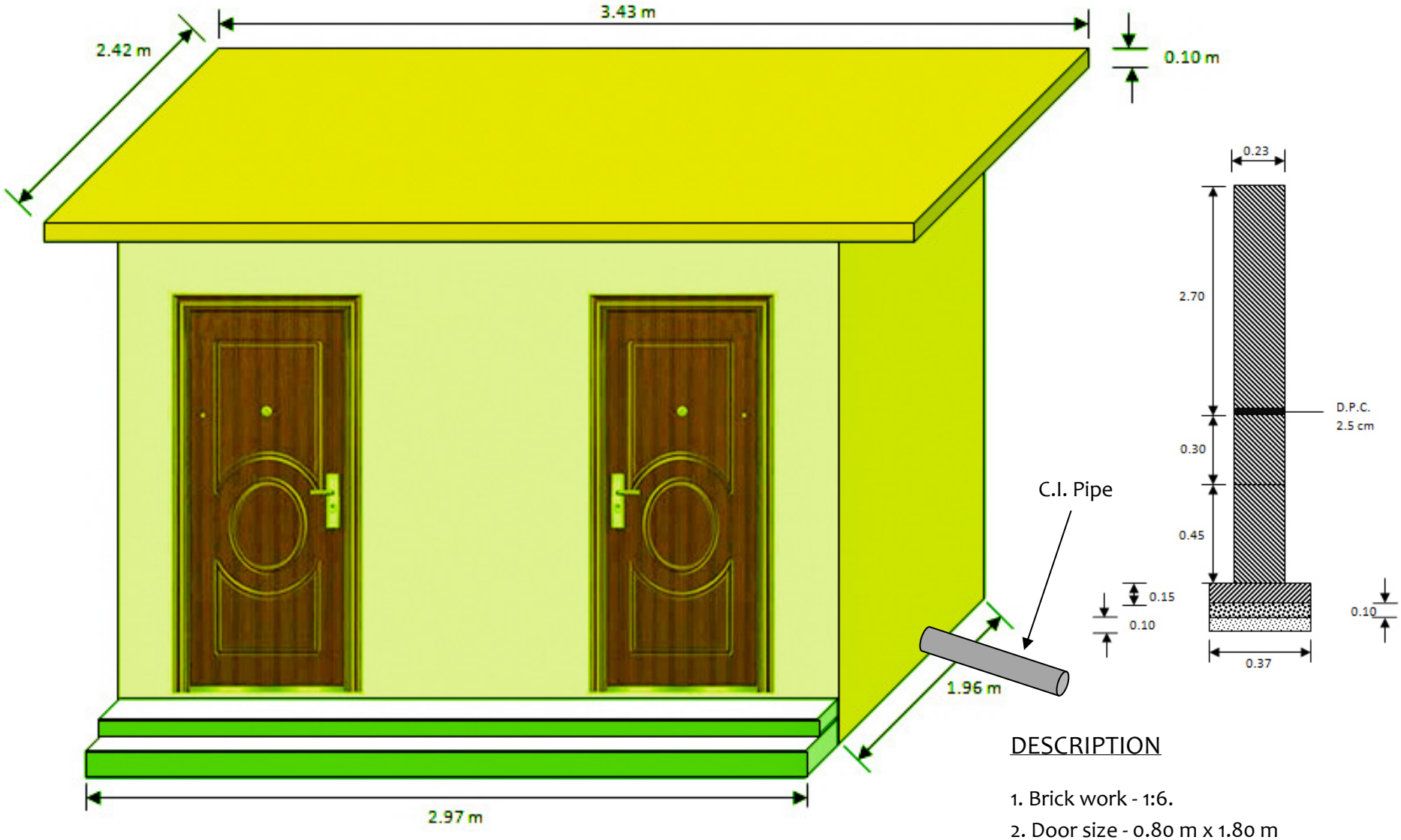
S.No.	Particulars	Quantity	Rate	Amount
1.	Cement	27 bags	255.00/bag	6885.00
2.	Coarse sand	3.87 cum	910.00/cum	3521.70
3.	Bricks	3360 Nos.	4050.00/thousand	13608.00
4.	M.S. Bar 8 mm ø	61.15 Kg.	345.00/qtl	2109.67
5.	G.S.B 25-40 m	0.576 cum	855/cum	492.48
6.	G.S. Grit 10-20 mm	0.742 cum	1250/cum	927.50
7.	Doors with frame	2 Nos.	3850.00 each	7700.00
8.	White lime	6 Kg.	8.00/kg	48.00
Total				**Rs. 35,292.35**

1.	Earth Work	4.76 cum	33.33/cum	158.65
2.	Sand laying	0.350 cum	33.33/cum	11.66
3.	C.C.W. 1:4:8	0.620 cum	492.00/cum	305.04
4.	C.C.W. 1:2:4	0.095 cum	492.00/cum	46.74
5.	R.C.C.1:2:4	0.779 cum	560.00/cum	436.24
6.	Brick work	7.295 cum	370.00/cum	2699.15
7.	Plastering	60.300 m^2	40.00/m^2	2412.00
8.	White washing	60.300 m^2	2.70/m^2	162.81
9.	Curing	7.295 cum	25.00/cum	182.37
10.	Chowkidar	6 Man days	100.00/Man day	600.00
Total				**Rs. 7,014.66**

LABOUR CHARGES

Total Cost	
1. Cost of materials	35,292.35
2. Labour charges	7,014.66
Total	**Rs. 42,307.01**
	Say Rs. 42,310.00 only.

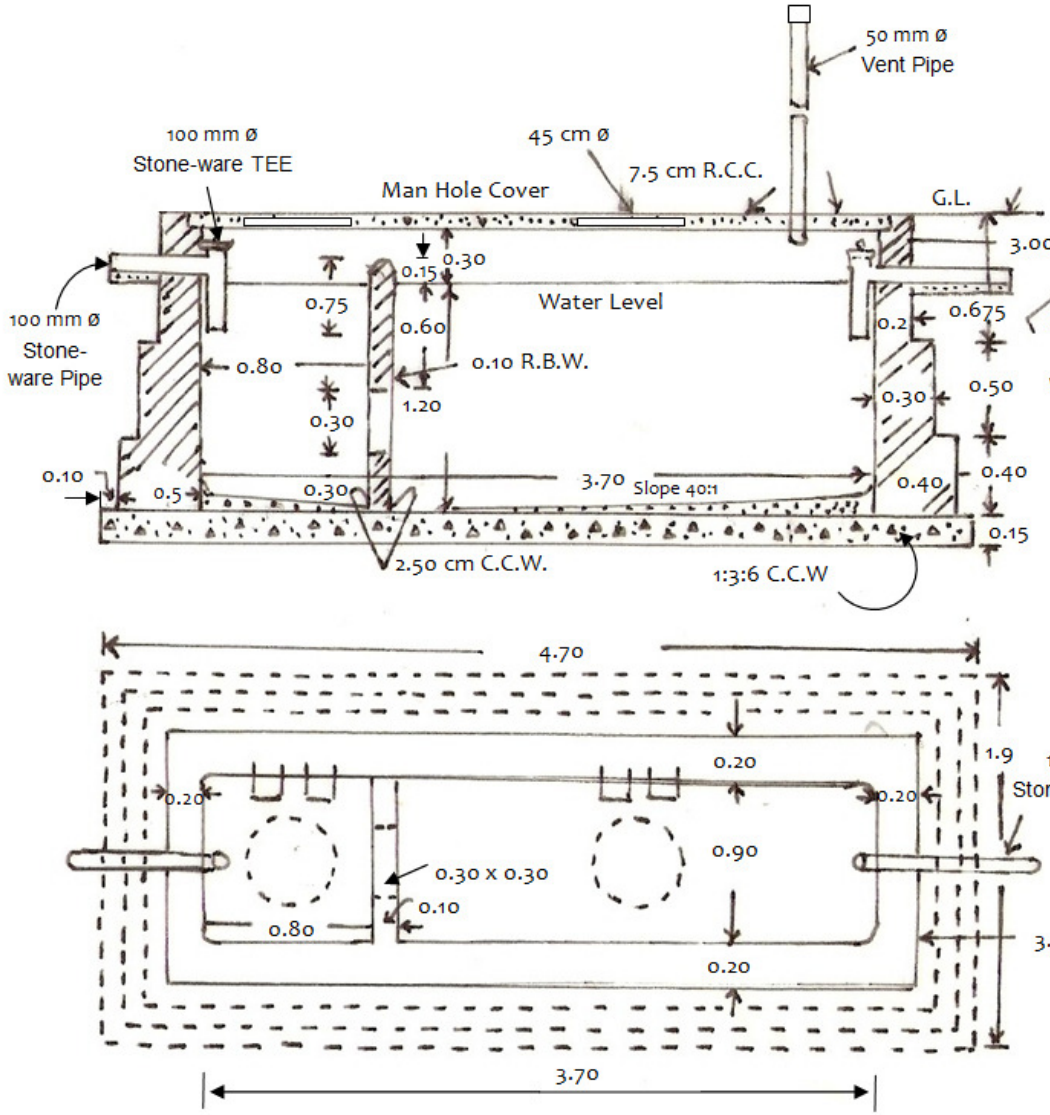
DRAWING OF PUBLIC TOILET (SULABH SHAUCHALAYA)

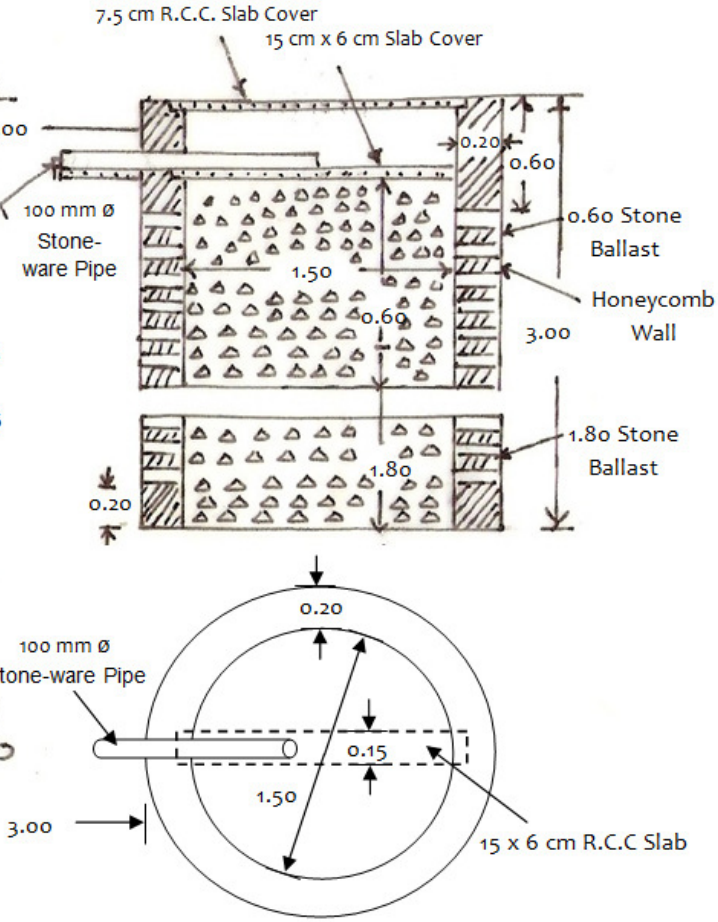


DESCRIPTION

1. Brick work - 1:6.
2. Door size - 0.80 m x 1.80 m
3. D.P.C. –2.5 cm- 1:2:4.
4. C.C.W. – 1:4:8.
5. R.C.C. of roof - 1:2:4.
6. Window size - 0.75 m x 0.60 m.
7. Plastering work – 1:4.

SEPTIC TANK FOR 50 USERS





PLAN & SECTION OF SEPTIC TANK **PLAN & SECTION OF SOAKPIT**

All Dimensions in Metre

DETAIL ESTIMATE OF PROPOSED PUBLIC TOILET ROOM (Sulabh Shauchalaya)

S.N.	Description of work	No.	Length (M)	Width (M)	Height/Depth (M)	Quantity
1	**Earth work in digging**	2	3.30	0.60	0.80	3.168
		2	1.33	0.60	0.80	1.276
		1	1.33	0.30	0.80	0.319
					Total	**4.763 cum**
2	**Laying of sand in foundation**	2	3.11	0.37	0.10	0.230
		2	1.36	0.37	0.10	0.100
		1	1.36	0.15	0.10	0.020
					Total	**0.350 cum**
3	**C.C.W. 1:4:8 in foundation**	2	3.11	0.37	0.10	0.230
		2	1.36	0.37	0.10	0.100
		1	1.36	0.15	0.10	0.020
					Total	**0.350 cum**
4	**Brick work 1:6 in foundation up to plingth**	2	3.11	0.37	0.15	0.345
		2	1.36	0.37	0.15	0.150

		1	1.36	0.11	0.15	0.022
		2	2.97	0.23	0.75	1.024
		2	1.50	0.23	0.75	0.517
		1	1.50	0.11	0.75	0.123
	Super Structure	2	2.97	0.23	2.70	3.688
		2	1.50	0.23	2.70	1.863
		1	1.50	0.11	2.70	0.445
					Total	**8.177 cum**
5	**D.P.C. 1:2:4**	2	2.97	0.23	0.025	0.034
		2	1.50	0.23	0.025	0.017
		1	1.50	0.11	0.025	0.004
					Total	**0.005 cum**
6	**Lintel 1:2:4 for door**	2	1.00	0.23	0.10	0.046
	R.C.C. for window	2	0.75	0.23	0.10	0.034
					Total	**0.080 cum**
7	**Deduction from Brick work**					
	door	2	0.80	0.23	1.80	0.662
	window	2	0.80	0.23	0.60	0.220

					Total	**0.882 cum**
	Net brick masonary work	**8.177 - 0.882**				**7.295 cum**
8	**Plastering 1:4**	2	3.11	-	3.00	18.66
		2	1.96	-	3.00	11.76
		4	1.20	-	2.70	12.96
		4	1.50	-	2.70	16.20
		2	1.20	1.50	-	3.60
		Total				**63.18**
	Deduction for doors	2	0.80	-	1.80	2.88 sq.m
	Net plastering work	63.18 – 2.88				**60.30** sq.m
9	**Flooring C.C.W. 1:4:8**	2	1.50	1.20	0.075	0.270 cum
	C.C.W. 1:2:4	2	1.50	1.20	0.025	0.090 cum
10	**white washing**	**2**	**3.11**	**-**	**3.00**	**18.66**
		2	**1.96**	**-**	**3.00**	**11.76**
		4	**1.20**	**-**	**2.70**	**12.96**
		4	**1.50**	**-**	**2.70**	**16.20**
		2	**1.20**	**1.50**	**-**	**3.60**

	Total					**63.18 sq.m**
	Deduction for doors	2	0.80	-	1.80	2.88 sq.m
	Net white washing	**63.18 - 2.88**				**60.30 sq.m**
11	**Roof R.C.C. 1:2:4**	1	3.57	1.96	0.10	0.699 cum

ESTIMATE OF MATERIALS

S. N.	Particulars	Quantity	Cement (Bags)	Coarse sand (cum)	Brick (Nos)	G.S.B (m^3)	M.S. Bar 8 mm	10-20 m.m. Grit	Door No.	Lime (kg.)
1	sand laying	0.350 cum	-	0.350	-	-	-	-	-	-
2	C.C.W. 1:4:8	0.620 cum	2.10	0.279	-	0.576	-	-	-	-
3	C.C.W. 1:2:4	0.095 cum	0.57	0.039	-	-	-	0.080	-	-
4	R.C.C. 1:2:4	0.779 cum	4.75	0.327	-	-	0.0079/61.15 kg	0.662	-	-
5	Brick work 1:4	7.295 cum	13.13	1.969	3356	-	-	-	-	-
6	Plastering 1:4	60.300 m^2	6.63	0.904	-	-	-	-	-	-
7	White washing	60.300 m^2	-	-	-	-	-	-	-	6.00
8	Doors	2 Nos	-	-	-	-	-	0.742	2	-

Total		**27.18**	**3.868**	**3356**	**0.576**	**0.0079/61.15 kg**	**0.742**	**2 Nos.**	**6.00**
Say		**27**	**3.870**	**3360**	**0.576**	**0.0079/61.15 kg**	**0.742**	**2 Nos.**	**6.00**

COST OF MATERIALS

S.No.	Particulars	Quantity	Rate	Amount
1.	Cement	27 bags	255.00/bag	6885.00
2.	Coarse sand	3.87 cum	910.00/cum	3521.70
3.	Bricks	3360 Nos.	4050.00/thousand	13608.00
4.	M.S. Bar 8 mm ø	61.15 Kg.	345.00/qtl	2109.67
5.	G.S.B 25-40 m	0.576 cum	855/cum	492.48
6.	G.S. Grit 10-20 mm	0.742 cum	1250/cum	927.50
7.	Doors with frame	2 Nos.	3850.00 each	7700.00
8.	White lime	6 Kg.	8.00/kg	48.00
Total				**Rs. 35,292.35**

S.No.	Particulars	Quantity	Rate	Amount
1.	Earth Work	4.76 cum	33.33/cum	158.65
2.	Sand laying	0.350 cum	33.33/cum	11.66
3.	C.C.W. 1:4:8	0.620 cum	492.00/cum	305.04

4.	C.C.W. 1:2:4	0.095 cum	492.00/cum	46.74
5.	R.C.C.1:2:4	0.779 cum	560.00/cum	436.24
6.	Brick work	7.295 cum	370.00/cum	2699.15
7.	Plastering	60.300 m^2	40.00/m^2	2412.00
8.	White washing	60.300 m^2	2.70/m^2	162.81
9.	Curing	7.295 cum	25.00/cum	182.37
10.	Chowkidar	6 Man days	100.00/Man day	600.00
Total				**Rs. 7,014.66**

LABOUR CHARGES

Total Cost	
1. Cost of materials	35,292.35
2. Labour charges	7,014.66
Total	**Rs. 42,307.01**
	Say Rs. 42,310.00 only.

DETAIL ESTIMATE OF SEPTIC TANK & SOAK PIT FOR 50 USERS

S.No.	Description of Work	No.	L.	B.	D./H.	Quantity
1.	Earth work in excavation					
	Septic tank	1	4.70	1.90	1.73	**15.44**
	Soaking Pit	1	$3.14(1.90)^2$ x 3 /4	-	-	**8.50**
	Total					**23.94 cum**
2.	C.C.W. 1:3:6 in foundation and floor of Septic tank	1	4.70	1.90	0.15	1.34 cum
3.	First class Brick Masonry 1:4 in Septic tank					
	Long Wall					
	1^{st} Footing	2	4.50	0.37	0.40	**1.332**
	2^{nd} Footing	2	4.30	0.37	0.50	**1.591**
	3^{rd} Up to Top Footing	2	4.10	0.23	0.675	**1.273**
	Short Wall					
	1^{st} Footing	2	0.90	0.37	0.40	**0.266**
	2^{nd} Footing	2	0.90	0.37	0.50	**0.333**
	3^{rd} Footing	2	0.90	0.23	0.675	**0.279**
	Total					**5.074 cum**
4.	R.B.Work 10 cm thick in partition wall 1:3	1	0.90	0.11	1.35	0.133 cum
5.	R.C.C.Work 1:2:4					
	Slab of Septic tank	1	3.90	1.10	0.075	**0.321**
	Slab of Soak pit	1	$3.14(1.7)^2$ /4	-	0.075	**0.170**
	For support of pipe in soak pit	1	1.70	0.15	0.060	**0.015**
	Total					**0.506 cum**
6.	12 mm Thick Plastering 1:2					
	Long Wall	2	3.70	-	1.50	**11.10**
	Short Wall	2	0.90	-	1.50	**2.70**
	Partition Wall	2	0.90	-	1.35	**2.43**

	Top of Partition Wall	1	0.90	0.11	-	**0.09**
	Total					**16.32 m^2**
7.	C.C.W. 1:2:4	1	3.70	0.90	0.05	0.166 cum
8.	2nd class Brick Work 1:6 in Soak Pit	1	3.14 x 1.67	0.23	3.00	3.618 cum
9.	Stone Ballast 25-40 mm in Soak Pit	1	3.14 x $(1.5)^2$ x 0.60/4	-	-	**1.06 cum**
10.	Stone Ballast 25-40 mm Soak Pit	1	3.14 x $(1.5)^2$ x 1.80/4	-	-	**3.18 cum**
	Total					**4.24 cum**
11.	Cost iron inlet 45 cm Ø	2	-	-	-	2 nos
12.	Iron foot rest in Septic tank	8	-	-	-	8 nos
13.	Indian style W.C. Sheet	2	-	-	-	2 sheets
14.	100 mm Ø cost iron pipe					
	Latrine to Septic tank	1	3.00	-	-	**3.00 m**
	Septic tank to Soak Pit	1	4.00	-	-	**4.00 m**
	Total					**7.00 m**
15.	100 mm Ø Stoneware tee in Septic tank	2	-	-	-	2 nos
16.	100 mm Ø cost iron pipe	1	5.00	-	-	5.00 m
17.	50 mm Ø cost iron pipe for ventilation pipe	1	0.60	-	-	**0.60**
		1	3.00	-	-	**3.00**
	Total					**3.60 m**
18.	100 mm Ø cost iron cowl for latrine	1	-	-	-	1 nos
19.	50 mm Ø cost iron cowl in Septic tank	1	-	-	-	1 nos

ESTIMATE OF MATERIALS

S.No.	Particulars	Quantity	Cement (bags)	Brick 1st class (no.)	Brick 2nd class (no.)	G.S.B. 25-40 mm (cum)	M.S. Bar 100 mm Ø	G.S.Grit 10-20mm (cum)	Coarse Sand(cum)
1.	C.C.W. 1:3:6	1.340 cum	5.76	-	-	1.206	-	-	0.603
2.	1st Brick Masonry 1:4	5.074 cum	9.13	2334	-	-	-	-	1.369
3.	R.B.Work 1:3	0.133 cum	0.47	60	-	-	0.001/ 7.85 kg	-	0.047
4.	R.C.C. 1:2:4	0.506 cum	3.08	-	-	-	0.0040/ 31.75 kg	0.430	-
5.	Plastering 12 mm thick 1:2	16.32 m^2	2.93	-	-	-	-	-	0.195
6.	C.C.W. 1:2:4	0.166 cum	1.01	-	-	-	-	0.141	0.069
7.	2nd class Brick Work 1:6	3.618 cum	4.88	-	1664	-	-	-	0.976
8.	Stone Ballast 25-40 mm	4.24 cum	-	-	-	4.240	-	-	-
	Total		**27.26**	**2394**	**1664**	**5.446**	**39.60**	**0.571**	**3.259**
	Say		**28 Bags**	**2400**	**1700**	**5.45 cum**	**40.00**	**0.57 cum**	**3.26 cum**

COST OF MATERIALS

S.No.	Particulars	Quantity	Rate	Amount
1.	Cement	28 Bags	255.00/Bag	7140.00
2.	1st Class Brick	2400 nos.	4050.00/Thousand	9720.00
3.	2nd Class Brick	1700 nos.	3650.00/Thousand	6205.00
4.	G.S.B. 25-40 mm	5.045 cum	855.00/cum	4659.75
5.	G.S. Grit 10-20 mm	0.57 cum	1250.00/cum	712.50
6.	Coarse Sand	3.26 cum	910.00/cum	2966.60
7.	M.S Bar 10 mm Ø	40.00 kg	34.50/kg	1380.00
8.	Cost of iron inlet	2 nos	135.00 each	270.00
9.	Iron foot rest in Septic tank	8 nos	95.00 each	760.00
10.	Indian style W.C. Sheet	2 set	750.00 each	1500.00
11.	100 mm Ø cost iron pipe	12.00 m	145.00/m	1740.00
12.	100 mm Ø Stoneware tee in Septic tank	2 nos	185.00 each	370.00
13.	50 mm Ø cost iron pipe for ventilation	3.60 m	105.00/m	378.00
14.	100 mm Ø cost iron cowl for latrine	1 nos	135.00 each	135.00
15.	50 mm Ø cost iron cowl in Septic tank	1 nos	105.00 each	105.00
	Total			**Rs. 38,041.85**

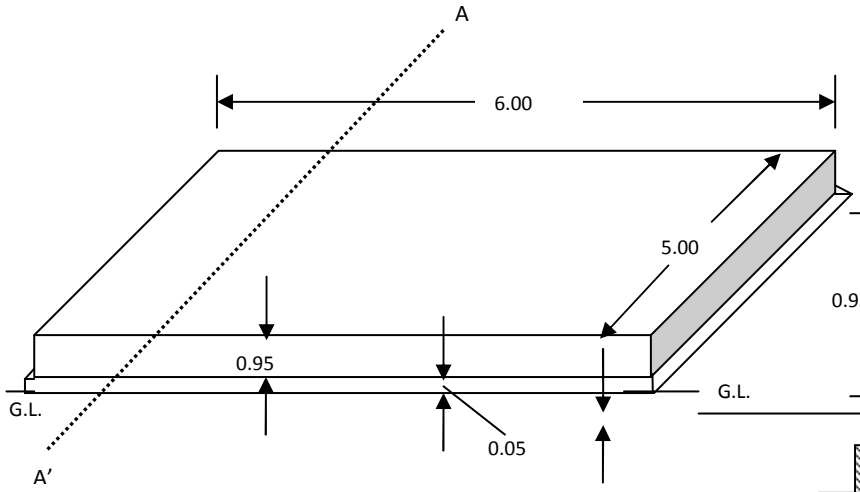
LABOUR CHARGES

S.No.	Particulars	Quantity	Rate	Amount
1.	Earth Work	23.94 cum	36.66/cum	877.64
2.	C.C.W. 1:3:6	1.34 cum	494.00/cum	661.96
3.	1st Class Brick work	5.074 cum	370.00/cum	1877.38
4.	R.B. Work 1:3	0.133 cum	917.00/cum	121.96
5.	R.C.C. 1:2:4	0.506 cum	917.00/cum	464.00
6.	Plastering	16.32 m^2	40.00/m^2	652.80
7.	C.C.W. 1:2:4	0.166 cum	494.00/cum	82.00
8.	2nd Class Brick work	3.168 cum	370.00/cum	1338.66
9.	Laying of Stone Ballast	4.24 cum	33.33/cum	141.31
10.	Fitting of sheet, pipe & other accessories	(lump sum)	-	1000.00
	Total			**Rs. 7,217.71**

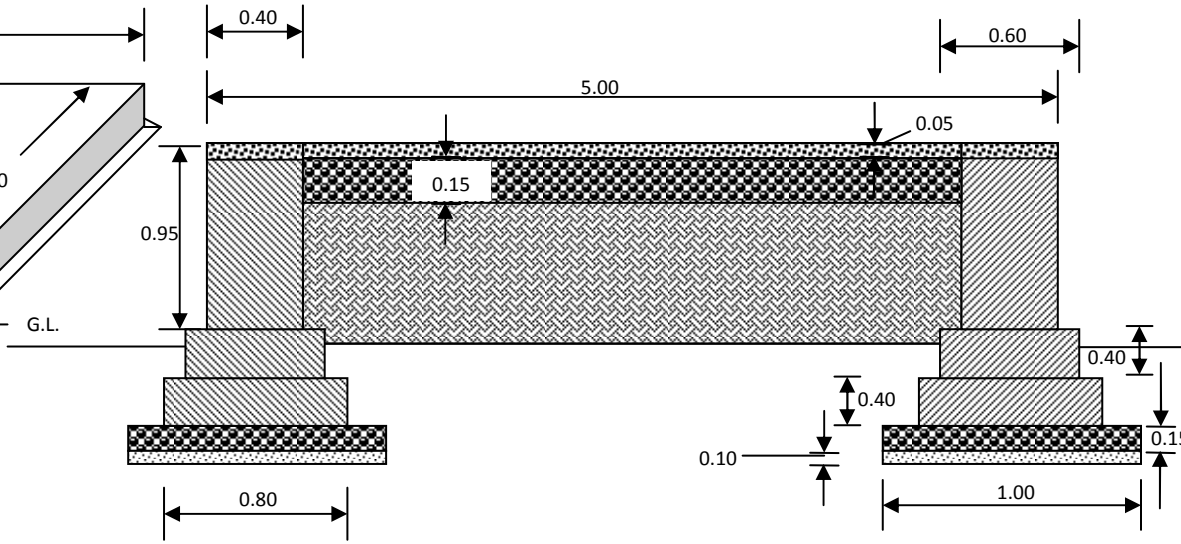
Total Expenditure	
1. Cost of Materials	38041.85
2. Labour Charges	7217.71
Total	**Rs. 45,259.56**
	Say Rs. 46,000.00 only

TOTAL EXPENDITURE OF PUBLIC TOILET	
1. Cost of Toilet room	42310.00
2. Cost of Septic tank & Soak Pit	46000.00
Total	**Rs. 88,310.00**
	Say Rs. 88,500.00 only

DRAWING OF KRISHAK VIKAS MANCH (PANCHAYAT CHABOOTRA)



ISOMETRIC VIEW OF PLATFORM (CHABUTRA)



SECTION AT A-A'

DESCRIPTION

1. C.C.W. - 1:4:8.
2. R.R. Stone masonry- 1:4
3. Plastering- 1:4
4. Raised Pointing- 1:3.

7.80

PLAN

DETAIL ESTIMATE OF KRISHAK VIKAS MANCH

S.No.	Description of Work	No.	L.	B.	D/H	Quantity
1.	Earth work in foundation					
	Long Wall	2	8.00	1.20	1.10	21.12
	Short Wall	2	4.00	1.20	1.10	10.56
	Total					**31.68 cum**
2.	Laying of Sand					
	Long Wall	2	6.60	1.00	0.10	1.32
	Short Wall	2	3.60	1.00	0.10	0.72
	Total					**2.04 cum**
3.	C.C.W. 1:4:8					
	Long Wall	2	6.60	1.00	0.15	1.98
	Short Wall	2	3.60	1.00	0.15	1.08
	Total					**3.06 cum**
4.	Stone masonary work 1:4 in foundation & super structure					
	1st Footing.					
	Long Wall	2	6.40	0.80	0.40	4.096
	Short Wall	2	3.80	0.80	0.40	2.432
	2nd Footing					
	Long Wall	2	6.20	0.60	0.40	2.976
	Short Wall					

	Super Structure Long Wall Short Wall	2 2 2	4.00 6.00 4.20	0.60 0.40 0.40	0.40 0.90 0.90	1.920 4.320 3.024
Total						**18.768 cum**
5.	Earth work in filling	1	5.20	4.20	0.75	16.38 cum
6.	C.C.W. 1:4:8	1	5.20	4.20	0.15	3.276 cum
7.	C.C.W. 1:2:4	1	6.00	5.00	0.05	1.500 cum
8.	Raised Pointing 1:3 Long Wall Short Wall	 2 2	 6.00 5.00	 - -	 0.90 0.90	 10.80 9.00
Total						**19.80 m^2**

ABSTRACT OF WORK

1.	Earth Work	31.68 + 16.38	48.06 cum
2.	Sand Laying		2.040 cum
3.	C.C.W. 1:4:8	3.060 + 3.276	6.336 cum
4.	Stone masonary 1:4		18.568 cum
5.	C.C.W. 1:2:4		1.500 cum

6.	Raised Pointing 1:3	19.80 m^2

ESTIMATE OF MATERIALS

S.No.	Particulars	Quantity	Cement (cum)	Coarse Sand (cum)	Khanda (cum)	G.S.B. 25-40 mm (cum)	Stone Grit 10-20 mm (cum)
1.	Sand Laying	2.040 cum	-	2.040	-	-	-
2.	C.C.W 1:4:8	6.336 cum	21.54	2.851	-	5.892	-
3.	Stone Masonary	18.768 cum	45.04	6.381	18.768	-	-
4.	C.C.W. 1:2:4	1.500 cum	9.15	0.630	-	-	1.275
5.	Raised Pointing	19.800 m^2	0.91	0.093	-	-	-
Total			**76.64**	**11.995**	**18.768**	**5.892**	**1.275**
Say			**77 Bags**	**12.000**	**18.768**	**5.900**	**1.280**

COST OF MATERIALS

S.No.	Particulars	Quantity	Rate	Amount
1.	Cement	77 Bags	255/Bag	19635.00
2.	Coarse Sand	12.00 cum	910.00/cum	10920.00
3.	Khanda	18.768 cum	1025.00/cum	19237.20
4.	G.S.B. 25-40 mm	5.900 cum	855.00/cum	5044.00
5.	G.S. Grit 10-20 mm	1.280 cum	1250.00/cum	1600.00
Total				**Rs. 56,436.20**

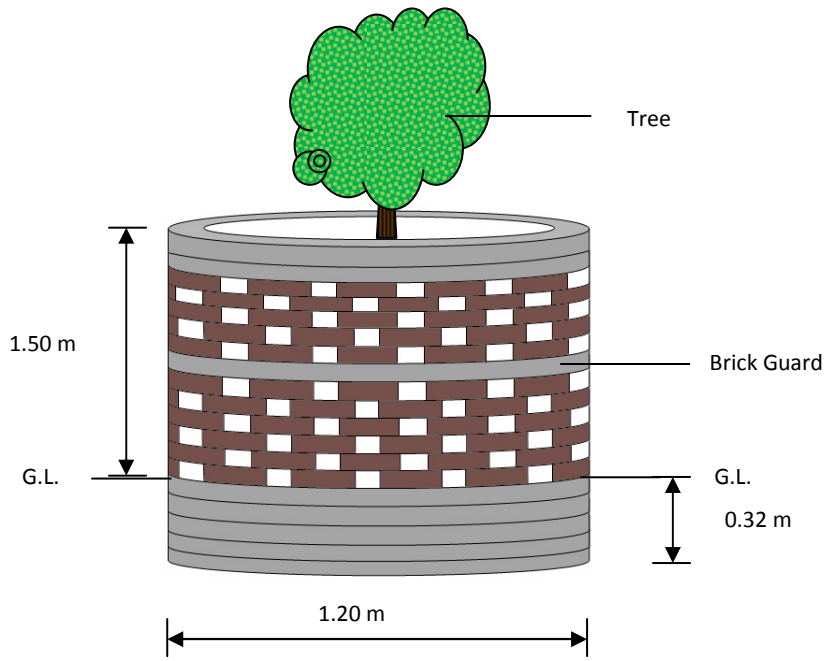
LABOUR CHARGES

S.No.	Particulars	Quantity	Rate	Amount
1.	Earth Work	48.06 cum	36.66/cum	1761.87
2.	Sand Laying	2.060 cum	33.33/cum	68.65
3.	C.C.W. 1:4:8	6.336 cum	494.00/cum	3129.98
4.	C.C.W. 1:2:4	1.500 cum	494.00/cum	741.00
5.	R/R Stone Masonary 1:4	18.768 cum	370.00/cum	6944.16

6.	Raised Pointing 1:3	19.800 m^2	51.61/cum	1021.87
7.	Curing Charges	18.768 cum	25.00/cum	469.20
8.	Chowkidar	6 Man Days	100.00/Man Day	600.00
Total				**Rs. 14,736.73**

Total Expenditure	
1. Cost of Materials	56,436.20
2. Labour Charges	14,736.73
Total	**Rs. 71,172.93**
Say	**Rs. 71,200 only**

DRAWING OF BRICK GUARD



DESCRIPTION.

1. Brick work = 1:4.
2. Plastering = 1:4.
3. Thickness of wall = 0.11 m.
4. Total height of brick guard = 0.32 + 1.50 = 1.82 m.
5. Diameter = 1.2 m.

DETAIL ESTIMATE OF BRICK GUARD

S.No.	Description of work	No.	L	B	D/H	Quantity	
1.	Earthwork for tree	1	0.60	0.60	0.60	0.216	
	In foundation	1	3.14x1.09	0.20	0.30	0.205	
Total						**0.421**	
2.	Brick work 1:4					Solid	Glazed
	In foundation	1	3.14x1.09	0.11	0.40	0.151	-
	In super structure with glazed	1	3.14x1.09	0.11	0.48	-	0.181
	Solid	1	3.14x1.09	0.11	0.08	-	0.030
	Glazed	1	3.14x1.09	0.11	0.40	-	0.151
	Solid	1	3.14x1.09	0.11	0.16	0.060	-
Total						**0.211**	**0.362**
3.	Plastering 1:4	1	3.14x1.20	-	0.07	0.264	
		1	3.14x1.20	-	0.15	0.565	
		1	3.14x1.09	-	0.07	0.239	
Total						**1.068 m^2**	

ESTIMATE OF MATERIALS

S.No.	Description of work	Quantity	Brick Nos.	Cement Bags	Coarse Sand
1.	Brick work 11 cm thick 1:4 Brick work glazed	0.211 cum 0.362 cum	100 86	0.29 0.25	0.050 0.043
2.	Plastering 1:4	1.068 m^2	-	0.11	0.016
Total			**186**	**0.65**	**0.109**
Say			**190**	**0.65**	**0.110 cum**

COST OF MATERIALS

S.No.	Particulars	Quantity	Rate	Amount
1.	Brick II^{nd} class	190 nos.	3650.00	693.50
2.	Cement	0.65 Bags	255.00	165.75
3.	Coarse sand	0.110 cum	910.00	100.10
Total				**Rs. 959.35**

LABOUR CHARGES

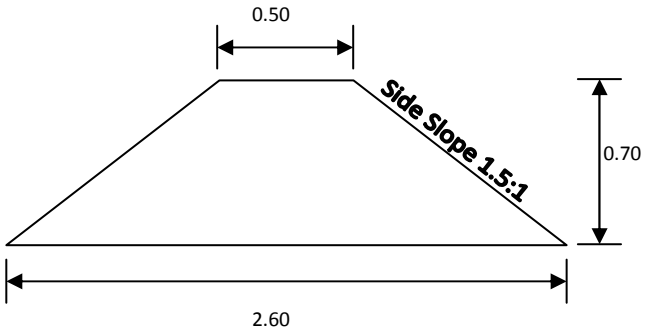
S.No.	Particulars	Quantity	Rate	Amount
1.	Earth work	0.421 cum	39.16/cum	16.48
2.	Brick work	0.391 cum	370.00/cum	144.67
3.	Plastering	1.068 m^2	40.00/m^2	42.72
Total				**Rs. 203.87**

Head load and transportation 20% of material cost - Rs. 191.87

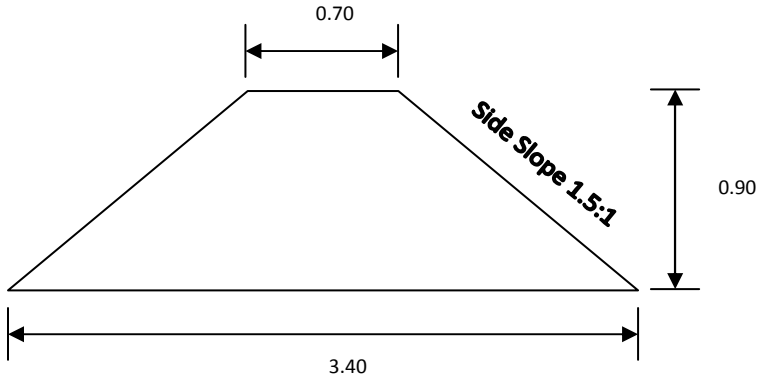
Total Expenditure		
1.	Material	959.35
2.	Labour	203.87
3.	Head load and transportation	191.87
Total		**Rs. 1355.09**
		Say Rs. 1355.00 only.

DRAWING AND DETAIL ESTIMATE OF WATERSHED DEVELOPMENT WORKS IN WATERSHED WORK PHASE

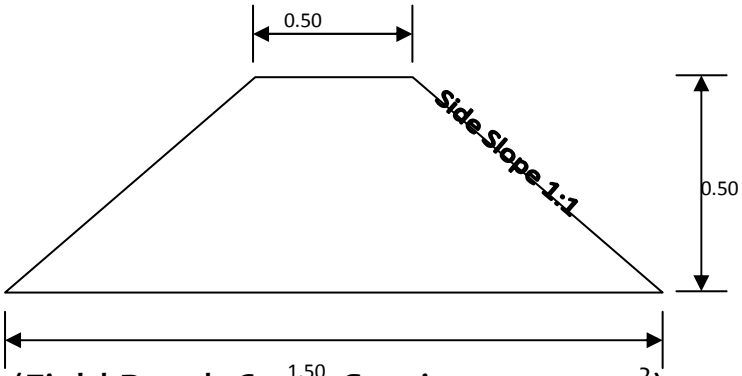
DRAWING OF C.B., S.B., P.B., AND M.B. *(Not to Scale)*



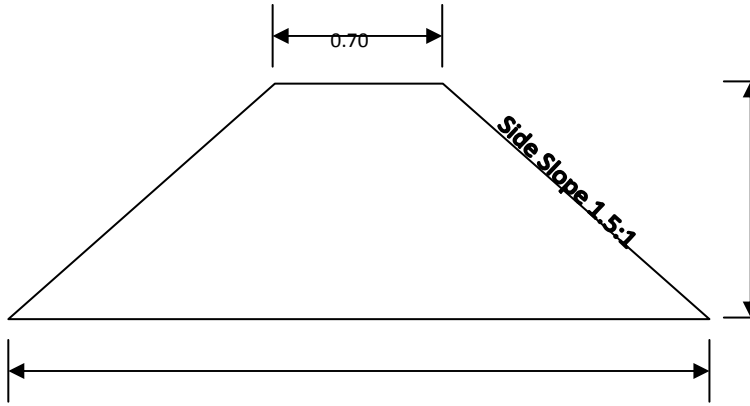
(C.B., Cross-Section – 1.085 m^2)



(S.B., Cross-Section – 1.845m^2)



(Field Bund, Cross-Section – 0.50 m^2)

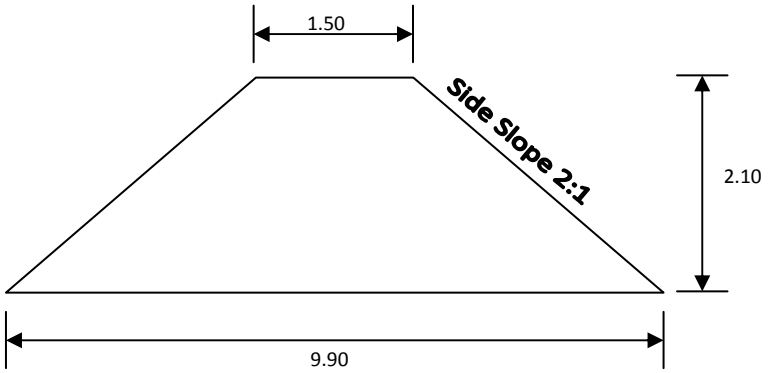


(S.B. /P.B. /M.B., Cross-Section – 3.445 m^2)

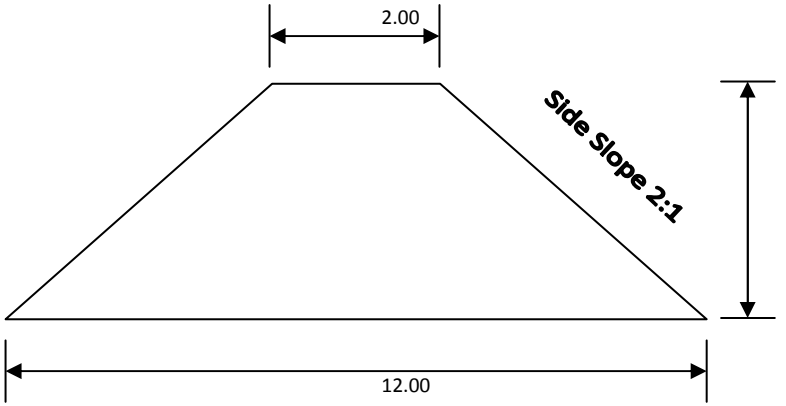
(All dimensions in Metre)

DRAWING OF EARTHEN CHEKDAM / GULLY PLUG

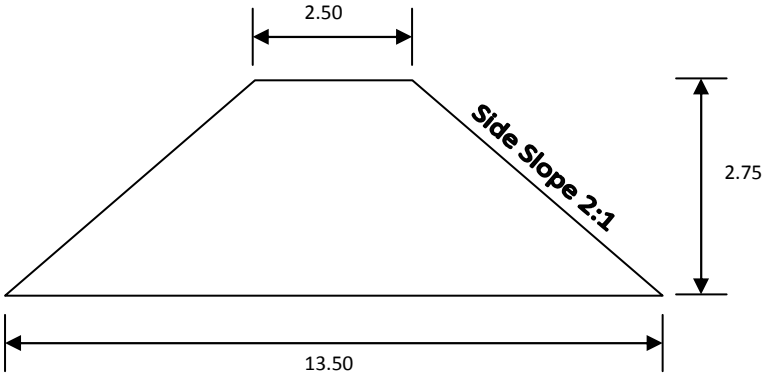
(Not to Scale)



(C.D. /G.P., Cross-Section – 11.97 m^2)



(C.D. /G.P., Cross-Section – 17.50 m^2)



(All dimensions in Metre)

DESIGN OF CONTOUR BUND

Type of Soil	-Clay
Rain fall	-24 hr in cm -25 cm
Field Stop -1%	
Vertical Interval (VI)	= [s/3+2] x 0.3
	= [1/3+2] x 0.3
	= 0.70 m
Horizontal Interval (HI)	= 100 x V.I/s
	= 100 x 0.7/1
Height of bund h	$= \sqrt{(\text{Re x VI})/50}$ Re=maximum rainfall in cm
	$= \sqrt{(25 \text{ x } 0.7)/50}$
	$= \sqrt{0.35}$
	= 0.59
	Say 0.60 m
Free board	=15% of height minimum -10 cm
Height	= 0.60 + 0.10
	= 0.70 m

Taking top width of bund 0.50 m and side slope 1.5:1

Then base of Bund	= 0.50 + (1.50 d) x 2
	= 2.60 m
Cross-Section of bund	= (0.50 + 2.60) x 0.70 / 2
	= 1 .085 m^2
Length of bund	= 100 s / V.I.
	= 100 x 1 / 0.70
	=142.85 m/ha
	Say 150 m/ha
Earth work/ha	= 150x1.085
	= 162.75 cum

Cost Rs. / ha = 162.75 x 39.16 = 6373.29

Say 6375.00

DESIGN OF SUBMERGENCE BUND

Types of soil –Clay

Rainfall intensity for 24 hrs – 25cm

Field slope 3%

V.I.=[s/3+2]x0.30

=0.90 m

Horizontal Interval = (100xV.I.)/s

= (100x0.90)/3

=30 m

Height of bund h=$\sqrt{(\text{Re x V. I. })/50}$

=$\sqrt{(25 \text{ x } 0.90)/50}$ =$\sqrt{0.45}$ = 0.67 m. **Say 0.70m**

Free board 20% of height minimum 20cm

Total Height =0.90m

Taking top width of bund 0.70m and side slope 1.5:1

Bottom of bund = 0.70+2 x 1.5d

= 0.70+2.70

= 3.40

Cross Section of Submergence Bund = (0.70+3.40) x 0.90 / 2

= 1.845 m^2

Length of bund = 100 s / V.I.

= (100 x 3) /0.90

= 333 m

Feasible length 100 + 25 + 25

= 150 m

Earth work/ha =150 x 1.845

=276.75

Cost per ha	=276.75 x 39.16 =10,837.53 **Say 10,850=00**

TYPICAL SECTION OF FIELD BUND

Top width	= 0.50 m
Side slope	= 1:1
Height of bound	= 0.50 m
Bottom Width	= 1.50 m
Cross section	= (0.50+1.50)x0.50/2 = 0.50 m^2
Length per hectare	= 200 m
Earthwork	= 200 x 0.50 = 100 cum
Cost 39.16/cum	= Rs. 3916.00
Cost per hectare	= Rs. 3916.00

TYPICAL SECTION OF P.B., M.B., S.B.

Top width	= 0.70 m
Side slope	= 1.5:1
Height	= 1.30 m
Bottom	= 4.60 m
Cross section	= (0.70+4.60)x1.30/2

	= 3.445 m^2
Cost/ meter	= Rs. 142.00

TYPICAL SECTION OF EARTHEN CHECK DAM / GULLY PLUG

Top width	= 1.50 m
Side slope	= 2:1
Height	= 2.10m
Bottom Width	= 9.90 m
Cross section	= (1.50 + 9.90) x 2.10 / 2
	= 11.97 m^2
Cost per meter	= Rs. 551.45

TYPICAL SECTION OF CHECK DAM / GULLY PLUG

Top width	= 2.00m
Side slope	= 2:1
Height	= 2.50 m
Bottom Width	= 12.00 m
Cross Section	= (2.00 + 12.00) x 2.50 / 2

= 17.50 m^2

Cost /meter = Rs. 839.12

TYPICAL SECTION OF W.H.B

Top width = 2.50 m

Side slope = 2:1

Height = 2.75 m

Bottom Width = 13.50 m

Cross section = (2.50 + 13.50) x 2.75 / 2

= 22.00 m^2

Per meter cost = Rs. 1085.92

Design of Checkdam/Drop Structure No. 1						
HYDROLOGIC DESIGN						
Area (ha)	160					
slope	0.0071					
K	7.47					
a	0.17					
b	0.75					
n	0.96					
Time of Concentration						
		Le.77	Se-0.385			
L (m)	3500	**535.71**				
S	0.0071		**6.7028**			
		hour	Tc + b		(tc+b) power n	
Tc	**69.913**	1.1652	1.9152		1.8661	
Intensity						
		Tr power a				
Tr	15	1.5847				
I		6.3435				
Discharge						
			Taken			

	c	0.6	Coeff			
	I	63.435	mm/hr			
	A	160	ha			
	Q	16.916			Cumec	

HYDRAULIC DESIGN							
	Length of crest weir (m)			**7.25**			
	Weir height (m)			h			
		Q = 1.71*L*h power (3/2)					
		h power 3/2		1.3645			
		h		1.2299	**1.25**	h1	
		h + free board		1.3529	**1.35**		
	Depth of gulley			3.38			
	Height of water drop (H)			2.03		Say	**2**

STABILITY ANALYSIS										
	Let			**Top width (m)**		t	**1.2**			
				Bottom width (m)		T	**1.9**			
	Weight of dam per unit length (kg)					W	6820		W square	**46512400**
	Horizontzl water pressure (Kg)					P	2000		P square	**4000000**
	Uplift pressure (kg)					U	(T*w*H)/2	**1900**		
	Net downword force (kg)					Wn	W-U	**4920**	Wn Square	**24206400**
	Resultant (kg)					R				**5310.96978**
						H	2			
						Xbar		**0.788172**		
						Z		**0.330798**		
	Point of Resultant (xbar+Z)							**1.11897**		
						EA		1.111828		
						P*H/3		1333.333		
						W*EA		7582.667		
						b/6		0.316667		
						b/2		0.95		
		e = xbar+Z-b/2				e (OF)		0.16897		
		fmax = Wn/b(1+6*e/b)				fmax		3971.191		
A Safety against sliding										
					(mu*W)/P			1.23		
B Safety against overturning					(W*EA)/(P*H/3)			2.028756		

C Safety against Tension					e<b/6 or b/6-e should be +ive			0.147696		
D Safety against Crushing				Permiss comp Stress kg/sqm			say	10000		
				PCS-fmax should be +ive				6028.809		
Depth of Foundation										
			Normal scour depth, dn			0.473[Q/f]power1/3				
				Q (cumec)	16.916					
				Q (Cusec)	596.92					
				f is silt factor, take=		2				
				[q/f]		298.461				
				[q/f] power1/3		6.68286				
				dn (ft)		3.16099				
				dn (m)		0.96372				
			Maximum scour depth, dm			1.5*dn	**1.44558**			
									Technical Specification	
			Foundation depth, D			1.33 dm	**1.92262**		**2.00**	
Minimum length of headwall extension (m)				E=3h+0.6 or 1.5F whichever is greater						
				F is net drop from top of transverse sill to crest						
				St= height of transverse sill= h/3				0.45	**0.50**	
				F (m)	1.5					
				E (m)	4.65	or	2.25	say	**5.00**	

Length of Basin Lb									
		Lb (m)= F(2.28*h/F+0.52)			3.858		say	**4.00**	
Height of the sidewall at end sill is taken to be minimum 1.5h1,but more than H/2									
			J (m)	1.5h1	1.875	more than H/2	1	**1.90**	
Height of the sidewall at the weir end									
			Equal to gully depth	3.38				**3.35**	
			M (m)	2(F+1.33h-J)			2.791	**2.80**	
			K (m)	Lb+.1-M			1.309	**1.80**	
Length of Wing wall (WL)									
			WL = 2.25h				3.0375	**3.00**	
Depth of Toe Wall									
			h1+0.1				1.35	**1.50**	

WORK ABSTRACT								
Sl. No.	**Item**	**Specification (m)**			**Quantity (cum)**			
		Length	**Breadth**	**Depth**				
1	**Clearing of site (Removal of trees, shrubs and bushes)**	20.00	12.00					
2	**Earth work**							

	a) in hard soil Headwall Foundation	7.25	2.80	1.25	25.38	Effective depth will be 1.00 m		
	b) in hard soil RHS of Headwall extension	5.00	2.80	4.50	63.00			
	c) in hard soil LHS of Headwall extension	5.00	2.80	4.00	56.00			
	d) in hard soil cutoff wall	17.25	1.20	1.20	24.84			
	e)in hard soil side wall on both side	9.20	2.00	3.50	64.40	Effective depth will be 1.50 m		
	f) in hard soil Toe wall	7.25	1.60	2.00	23.20	Effective depth will be 1.50 m		
	g) in hard soil Wing wall on both side	6.00	1.80	4.50	48.60	Effective depth will be 1.50 m		
	h) Apron	4.00	7.25	1.20	34.80			
				Total	**340.22**			
3	**Cement concrete**							
	Cement Concrete (1:2:4)							
	a) cutoff wall	17.25	0.60	1.00	10.35			
	b) Head wall coping	7.25	1.20	0.05	0.44			
	c) Apron	4.00	7.25	0.05	1.45			
	d) Transverse sill coping	7.25	0.60	0.05	0.22			
				Total	**12.45**			
	Cement Concrete (1:4:8)							
	e) Toe wall	7.25	1.20	0.15	1.31			
	f) Apron	4.00	7.25	0.15	4.35			
	g) Side wall on both side	9.20	1.40	0.15	1.93			
	h) Wing wall on both side	6.00	1.20	0.15	1.08			
	i)Headwall and Headwall Extension	17.25	1.60	0.15	4.14			
				Total	**12.81**			
4	**Requirement of sand to nullify the impact of cracks**							

	a) Below cutoff wall	17.25	0.80	0.10	1.38			
	b)Below Headwall and headwall extension	17.25	1.60	0.10	2.76			
	c) Below side wall on both sides	9.20	1.40	0.10	1.29			
	d) Below wing wall on both side	6.00	1.20	0.10	0.72			
	e) Below apron	4.00	7.25	0.10	2.90			
	f) Below Toe wall	7.25	1.00	0.10	0.73			
				Total	**9.77**			
5	**Stone Masonary in CM 1:4**							
	a) Headwall and Headwall Extension on both side-Foundation	17.25	2.00	1.00	34.50			
	b) Headwall+ Headwall Extension on both side above gully bed-super structure	17.25	1.55	2.00	53.48	Width=(1.2+1.9)/2= 1.55 m		
	c) Headwall Extension on both the side above crest	10.00	1.20	1.35	16.20			
	d) Foundation for side wall on both side	9.20	1.20	1.50	16.56			
	e) Side wall on both side -super structure (K Part)-I	3.60	1.00	1.90	6.84			
	f) Side wall on both side-above part-I mentioned in (e): (K Part)-II	3.60	0.80	1.00	2.88			
	g) Side wall on both side above part-II mentioned in (f): (K Part)-III	3.60	0.60	0.45	0.97			
	h) Side wall on both side-Super structure (M Part)-I	5.60	1.00	1.50	8.40			
	i) Side wall on both side above Part-I mentioned in (h): (M Part)-II	5.60	0.80	0.40	1.79			
	j) Side wall on both side above Part-II mentioned in (i): (M Part)-III	5.60	0.60	0.73	2.44	Avg. ht. of triangle portion=	0.73	

	k) Foundation for wing wall on both side	6.00	1.00	1.50	9.00			
	l) Wing wall on both side-Super structure-Part- I	6.00	0.80	0.80	3.84			
	m) Wing wall on both side-Above Part-I mentioned in (l): Part -II	6.00	0.60	0.55	1.98	Avg. ht. of triangle portion=	0.55	
	n) Toe wall: Part I	7.25	0.80	1.00	5.80			
	o) Toe wall: Part II	7.25	0.70	0.50	2.54			
	p) Transverse Sill	7.25	0.60	0.50	2.18			
	q) Apron	4.00	7.25	0.40	11.60			
				Total	**180.99**			
6	**M S Bar (10 mm, q)**				**3.00**			
7	**Providing rough stone pitching in u/s (both side)**	34.00	3.50	0.25	**29.75**			
8	**Cement pointing to stone masonary in CM 1:3 (sqm)**							
	a) Headwall both side	14.50		2.00	29.00			
	b) Side wall both side (RHS and LHS)-Part I	9.20		1.90	17.48			
	c) Side wall both side (RHS and LHS)-Part II	3.60		1.45	5.22			
	d) Side wall both side (RHS and LHS)-Part-III	5.60		0.73	4.06	Avg. ht. of triangle portion=	0.73	
	e) Wing wall both side-Part I	6.00		0.80	4.80			
	f) Wing wall both side-Part I	6.00		0.55	3.30	Avg. ht. of triangle portion=	0.55	
				Total	**63.86**			
9	**Filling of black clay soil in the up stream (free from any kind of gravel)**				**6.00**	trolly		

MATERIAL ABSTRACT									
		Required Quantiy							
		Quantiy,cum	Cement,bags	Sand,cum	Conc ,cum	Khanda (cum)	Boulder(cum)	MS Bar (q)
1	Cement Concrete mix for cut-off wall (1:2:4): 12 mm conc.	12.45	79.70	5.60	11.21			
2	Cement Concrete mix for cut-off wall (1:4:8); 20 mm conc.	12.81	43.54	6.02	12.04			
3	Stone Maspnary in CM 1:4	180.99	452.47	61.54		180.99		
4	MS Bar for reinforcing							3.00
5	Boulder for pitching	29.75					29.75	
6	Cement pointing to stone masonary in CM 1:3 (sqm)	63.86	3.96	0.40				
7	Black clay soil (gravel free)	6.00						
8	Requirement of sand to nullify the impact of cracks			9.77				
	Total		**579.67**	**83.33**	**23.25**	**180.99**	**29.75**	**3.00**

COST ABSTRACT							
	Sl. No.	**Item**	**Quantity**	**Unit**	**Rate (Rs./Unit)**	**Amount (Rs.)**	
A	1	Cement	580	Bag	235.00	136221.95	
	2	Sand	83.33	m^3	750.00	62500.49	
	3	Concrete-12 mm	11.21	m^3	1300.00	14569.43	
	4	Concrete-20 mm	12.04	m^3	1150.00	13844.37	
	5	Khanda	181	m^3	1200.00	217185.00	
	6	M S Bar (10 mm Saria)	3.00	q	4000.00	12000.00	
	7	Boulder	29.75	m^3	700.00	20825.00	
	8	Filling of black clay soil in the up stream (free from any kind of gravel)	6.00		1500.00	9000.00	
					Total	**486146.23**	
B	9	Water supply through tanker @ 3 % of material cost				14584.39	
C	10	Labour Charges @ 25%				121536.56	
					Total (A+B+C)	**622267.17**	
	11	Misc. @ 3%				18668.02	
					G. Total	**640935.19**	
		Say Rs. 641000/- (Rs. Six lakh forty one thousand only)					
Note: The cost of materials is inclusive of all taxes and transportation to site. It may vary with respect to time							

Design of Checkdam No. 2						
HYDROLOGIC DESIGN						
Area (ha)	560					
slope	0.005					
K	7.47					
a	0.17					
b	0.75					
n	0.96					
Time of Concentration						
		Le.77	Se-0.385			
L (m)	6000	**811.29**				
S	0.005		**7.6895**			
		hour	Tc + b		(tc+b) power n	
Tc	**121.46**	2.0244	2.7744		2.6634	
Intensity						
		Tr power a				
Tr	20	1.6641				
I		4.6672				
Discharge						
			Taken			
	c	0.6	Coeff			
	I	46.672	mm/hr			
	A	560	ha			
	Q	43.561			Cumec	

HYDRAULIC DESIGN							
	Length of crest weir (m)			**11.25**			
	Weir height (m)			h			
		Q = 1.71*L*h power (3/2)					
		h power 3/2		2.2644			
		h		1.7234	**1.7**	h1	
		h + free board		1.8958	**1.9**		
	Depth of gulley			4.1			
	Height of water drop (H)			2.2		Say	**2.2**

STABILITY ANALYSIS										
	Let			**Top width (m)**		t	**1.3**			
				Bottom width (m)		T	**2.2**			
	Weight of dam per unit length (kg)					W	8470		W square	**71740900**
	Horizontzl water pressure (Kg)					P	2420		P square	**5856400**
	Uplift pressure (kg)					U	(T*w*H)/2	**2420**		
	Net downword force (kg)					Wn	W-U	**6050**	Wn Square	**36602500**
	Resultant (kg)					R				**6516.049**
						H	2.2			
						Xbar		**0.894286**		
						Z		**0.357714**		
	Point of Resultant (xbar+Z)							**1.252**		
						EA		1.305714		
						P*H/3		1774.667		
						W*EA		11059.4		
						b/6		0.366667		
						b/2		1.1		

		e = xbar+Z-b/2				e (OF)		0.152		
		fmax = Wn/b(1+6*e/b)				fmax		3890		
A Safety against sliding										
					(mu*W)/P			1.25		
B Safety against overturning					(W*EA)/(P*H/3)			2.078658		
C Safety against Tension					e<b/6 or b/6-e should be +ive			0.214667		
D Safety against Crushing				Permiss comp Stress kg/sqm			say	10000		
				PCS-fmax should be +ive				6110		
Depth of Foundation										
			Normal scour depth, dn			0.473[Q/f]power1/3				
				Q (cumec)	43.561					
				Q (Cusec)	1537.2					
				f is silt factor, take=		2				
				[q/f]		768.578				

				[q/f] power1/3		9.16001				
				dn (ft)		4.33268				
				dn (m)		1.32094				
			Maximum scour depth, dm			1.5*dn	**1.98141**			
									Technical Specification	
			Foundation depth, D			1.33 dm	**2.63528**		**2.70**	
Minimum length of headwall extension (m)				E=3h+0.6 or 1.5F whichever is greater						
				F is net drop from top of transverse sill to crest						
				St= height of transverse sill= h/3				0.633333	**0.60**	
				F (m)	1.6					
				E (m)	6.3	or	2.4	say	**6.00**	
Length of Basin Lb										
			Lb (m)= F(2.28*h/F+0.52)			5.164		say	**5.20**	
Height of the sidewall at end sill is taken to be minimum 1.5h1,but more than H/2										
				J (m)	1.5h1	2.55	more than H/2	1.1	**2.50**	

Height of the sidewall at the weir end										
				Equal to gully depth	4.1				**4.10**	
				M (m)	2(F+1.33h-J)			3.254	**3.50**	
				K (m)	Lb+.1-M			2.046	**2.30**	
Length of Wing wall (WL)										
				WL = 2.25h				4.275	**4.00**	
Depth of Toe Wall										
				h1+0.1				1.8	**1.80**	

WORK ABSTRACT								
Sl. No.	**Item**	**Specification (m)**			**Quantity (cum)**			
		Length	**Breadth**	**Depth**				
1	**Clearing of site (Removal of trees, shrubs and bushes)**	25.00	15.00					
2	**Earth work**							
	a) in hard soil Headwall Foundation	11.25	3.00	1.35	45.56	Effective depth will be 1.00 m		
	b) in hard soil RHS of Headwall extension	6.00	3.00	5.50	99.00	Effective depth will be 1.00 m		
	c) in hard soil LHS of Headwall extension	6.00	3.00	5.90	106.20	Effective depth will be 1.00 m		
	d) in hard soil cutoff wall	23.25	1.20	1.70	47.43			
	e)in hard soil side wall on both side	11.60	2.00	5.00	116.00	Effective depth will be 1.50 m		
	f) in hard soil Toe wall	11.25	1.40	2.00	31.50	Effective depth will be 1.80 m		
	g) in hard soil Wing wall on both side	8.00	1.60	5.50	70.40	Effective depth will be 1.50 m		
	h) Apron	5.20	11.25	0.50	29.25			
				Total	**545.34**			
3	**Cement concrete**							
	Cement Concrete (1:2:4)							
	a) cutoff wall	23.25	0.60	1.70	23.72			
	b) Head wall coping	11.25	1.30	0.05	0.73			
	c) Apron	5.20	11.25	0.05	2.93			
	d) Transverse sill coping	11.25	0.60	0.05	0.34			
				Total	**27.71**			
	Cement Concrete (1:4:8)							
	e) Toe wall	11.25	1.00	0.15	1.69			

	f) Apron	5.20	11.25	0.15	8.78			
	g) Side wall on both side	11.60	1.50	0.15	2.61			
	h) Wing wall on both side	8.00	1.20	0.15	1.44			
	i)Headwall and Headwall Extension	23.25	1.80	0.15	6.28			
				Total	**20.79**			
4	**Requirement of sand to nullify the impact of cracks**							
	a) Below cutoff wall	23.25	0.80	0.10	1.86			
	b)Below Headwall and headwall extension	23.25	1.80	0.10	4.19			
	c) Below side wall on both sides	11.60	1.50	0.10	1.74			
	d) Below wing wall on both side	8.00	1.20	0.10	0.96			
	e) Below apron	5.20	11.25	0.10	5.85			
	f) Below Toe wall	11.25	1.00	0.10	1.13			
				Total	**15.72**			
5	**Stone Masonary in CM 1:4**							
	a) Headwall and Headwall Extension on both side-Foundation	23.25	2.20	1.00	51.15			
	b) Headwall+ Headwall Extension on both side above gully bed-super structure	23.25	1.75	2.20	89.51	Width=(1.3+2.2)/2= 1.75 m		
	c) Headwall Extension on both the side above crest	12.00	1.30	1.90	29.64			
	d) Foundation for side wall on both side	11.60	1.30	1.50	22.62			
	e) Side wall on both side -super structure (K Part)-I	4.60	1.20	1.50	8.28			
	f) Side wall on both side-above part-I mentioned in (e): (K Part)-II	4.60	1.00	1.00	4.60			
	g) Side wall on both side above part-II mentioned in (f): (K Part)-III	4.60	0.80	1.00	3.68			

	h) Side wall on both side above part-III mentioned in (f): (K Part)-IV	4.60	0.60	0.60	1.66			
	i) Side wall on both side-Super structure (M Part)-I	7.00	1.20	1.50	12.60			
	j) Side wall on both side above Part-I mentioned in (h): (M Part)-II	7.00	1.00	1.00	7.00			
	k) Side wall on both side above Part-II mentioned in (i): (M Part)-III	7.00	0.80	0.80	4.48	Avg. ht. of triangle portion=	0.80	
	l) Foundation for wing wall on both side	8.00	1.00	1.50	12.00			
	m) Wing wall on both side-Super structure-Part- I	8.00	0.90	0.90	6.48			
	n) Wing wall on both side-Above Part-I mentioned in (l): Part -II	8.00	0.80	0.80	5.12	Avg. ht. of triangle portion=	0.80	
	o) Toe wall: Part I	11.25	0.80	1.00	9.00			
	p) Toe wall: Part II	11.25	0.70	0.80	6.30			
	q) Transverse Sill	11.25	0.60	0.60	4.05			
	r) Apron	5.20	11.25	0.40	23.40			
				Total	**301.57**			
6	**M S Bar (10 mm, q)**				**3.50**			
7	**Providing rough stone pitching in u/s (both side)**	34.00	4.00	0.25	**34.00**			
8	**Cement pointing to stone masonary in CM 1:3 (sqm)**							
	a) Headwall both side	22.50		2.20	49.50			
	b) Side wall both side (RHS and LHS)-Part I	11.60		2.50	29.00			
	c) Side wall both side (RHS and LHS)-Part II	4.60		1.60	7.36			

	d) Side wall both side (RHS and LHS)-Part-III	7.00		0.73	5.08	Avg. ht. of triangle portion=	0.73	
	e) Wing wall both side-Part I	8.00		0.90	7.20			
	f) Wing wall both side-Part I	8.00		0.80	6.40	Avg. ht. of triangle portion=	0.80	
				Total	**104.54**			
9	**Filling of black clay soil in the up stream (free from any kind of gravel)**				**7.00**	trolly		

MATERIAL ABSTRACT									
		Required Quantiy							
		Quantiy,cum	Cement,bags	Sand,cum	Conc ,cum	Khanda (cum)	Boulder(cum)	MS Bar (q)
1	Cement Concrete mix for cut-off wall (1:2:4): 12 mm conc.	27.71	177.34	12.47	24.94			
2	Cement Concrete mix for cut-off wall (1:4:8); 20 mm conc.	20.79	70.69	9.77	19.54			
3	Stone Maspnary in CM 1:4	301.57	753.92	102.53		301.57		
4	MS Bar for reinforcing							3.50
5	Boulder for pitching	34.00					34.00	

6	Cement pointing to stone masonary in CM 1:3 (sqm)	104.54	6.48	0.66				
7	Black clay soil (gravel free)	7.00						
8	Requirement of sand to nullify the impact of cracks in black soil			15.72				
	Total		**1008.42**	**141.15**	**44.48**	**301.57**	**34.00**	**3.50**

COST ABSTRACT								
	Sl. No.	**Item**	**Quantity**	**Unit**	**Rate (Rs./Unit)**	**Amount (Rs.)**		
A	1	Cement	1008	Bag	235.00	236979.74		
	2	Sand	141.15	m^3	750.00	105864.07		
	3	Concrete-12 mm	24.94	m^3	1300.00	32419.24		
	4	Concrete-20 mm	19.54	m^3	1150.00	22473.99		
	5	Khanda	302	m^3	1200.00	361882.20		
	6	M S Bar (10 mm Saria)	3.50	q	4000.00	14000.00		
	7	Boulder	34.00	m^3	700.00	23800.00		
	8	Filling of black clay soil in the up stream (free from any kind of gravel)	7.00		1500.00	10500.00		
					Total	**807919.24**		
B	9	Water supply through tanker @ 3 % of material cost				24237.58		
C	10	Labour Charges @ 25%				201979.81		
					Total (A+B+C)	**1034136.63**		
	11	Misc. @ 3%				31024.10		
					G. Total	**1065160.73**		
		Say Rs. 1065000/- (Rs. Ten lakh sixty five thousand only)						
Note: The cost of materials is inclusive of all taxes and transportation to site. It may vary with respect to time								

Design of Checkdam/Drop structure No. 3						
HYDROLOGIC DESIGN						
Area (ha)	110					
slope	0					
K	7.5					
a	0.2					
b	0.8					
n	1					
Time of Concentration						
		Le.77	Se-0.385			
L (m)	700	**155.14**				
S	0		**6.702847**			
		hour	Tc + b		(tc+b) power n	
Tc	**20**	0.3374	1.087442		1.0838	
Intensity						
		Tr power a				
Tr	15	1.5847				
I		10.922				
Discharge						
			Taken			
	c	0.5	Coeff			
	I	109.22	mm/hr			
	A	100	ha			
	Q	15.17			Cumec	

HYDRAULIC DESIGN							
	Length of crest weir (m)			**7.2**			
	Weir height (m)			h			
		Q = 1.71*L*h power (3/2)					
		h power 3/2		1.2321			
		h		1.1491	**1**	h1	
		h + free board		1.264	**1.3**		
	Depth of gulley			3			
	Height of water drop (H)			1.7		Say	**1.7**

STABILITY ANALYSIS										
	Let			**Top width (m)**		t	**1**			
				Bottom width (m)		T	**1.6**			
	Weight of dam per unit length (kg)					W	4862		W square	**2E+07**
	Horizontzl water pressure (Kg)					P	1445		P square	**2E+06**
	Uplift pressure (kg)					U	(T*w*H)/2	**1360**		
	Net downword force (kg)					Wn	W-U	**3502**	Wn Square	**1E+07**
	Resultant (kg)					R				**3788.4**
						H	1.7			
						Xbar		**0.661538**		
						Z		**0.283607**		
	Point of Resultant (xbar+Z)							**0.945146**		
						EA		0.938462		
						P*H/3		818.8333		
						W*EA		4562.8		
						b/6		0.266667		
						b/2		0.8		
		e = xbar+Z-b/2				e (OF)		0.145146		
		fmax = Wn/b(1+6*e/b)				fmax		3380.078		
A Safety against sliding										
					(mu*W)/P			1.211765		

B Safety against overturning					(W*EA)/(P*H/3)			2.011773		
C Safety against Tension					e<b/6 or b/6-e should be +ive			0.121521		
D Safety against Crushing				Permiss comp Stress kg/sqm			say	10000		
				PCS-fmax should be +ive				6619.922		
Depth of Foundation										
			Normal scour depth, dn			0.473[Q/f]power1/3				
				Q (cumec)	15.1696					
				Q (Cusec)	535.297					
				f is silt factor, take=		2				
				[q/f]		267.649				
				[q/f] power1/3		6.44449				
				dn (ft)		3.04824				
				dn (m)		0.92934				
			Maximum scour depth, dm			1.5*dn	**1.39401**			
									Technical Specification	

			Foundation depth, D			1.33 dm	**1.85404**		**1.85**	
Minimum length of headwall extension (m)					E=3h+0.6 or 1.5F whichever is greater					
				F is net drop from top of transverse sill to crest						
				St= height of transverse sill= h/3				0.433333	**0.45**	
				F (m)	1.25					
				E (m)	4.5	or	1.875	say	**4.50**	
Length of Basin Lb										
			Lb (m)= F(2.28*h/F+0.52)			3.614		say	**3.50**	
Height of the sidewall at end sill is taken to be minimum 1.5h1,but more than H/2										
				J (m)	1.5h1	1.5	more than H/2	0.85	**1.50**	
Height of the sidewall at the weir end										
				Equal to gully depth	3				**3.00**	
				M (m)	2(F+1.33h-J)			2.958	**3.00**	
				K (m)	Lb+.1-M			0.642	**1.10**	

Length of Wing wall (WL)										
				WL = 2.25h				2.925	**3.00**	
Depth of Toe Wall										
				h1+0.1				1.1	**1.20**	

WORK ABSTRACT								
Sl. No.	**Item**	**Specification (m)**			**Quantity (cum)**			
		Length	**Breadth**	**Depth**				
1	**Clearing of site (Removal of trees, shrubs and bushes)**	15.00	15.00					
2	**Earth work**							
	a) in hard soil Headwall Foundation	7.20	2.40	1.20	20.74	Effective depth will be 0.85 m		
	b) in hard soil RHS of Headwall extension	4.50	2.40	3.20	34.56	Effective depth will be 0.85 m		
	c) in hard soil LHS of Headwall extension	4.50	2.40	3.10	33.48	Effective depth will be 0.85 m		
	d) in hard soil cutoff wall	16.20	1.20	1.00	19.44			
	e)in hard soil side wall on both side	8.20	1.80	4.00	59.04	Effective depth will be 1.50 m		
	f) in hard soil Toe wall	7.20	1.60	1.40	16.13	Effective depth will be 1.20 m		
	g) in hard soil Wing wall on both side	6.00	1.80	4.50	48.60	Effective depth will be 1.50 m		
	h) Apron	3.50	7.20	0.50	12.60			
				Total	**244.58**			
3	**Cement concrete**							
	Cement Concrete (1:2:4)							
	a) cutoff wall	16.20	0.60	1.00	9.72			
	b) Head wall coping	7.20	1.20	0.05	0.43			
	c) Apron	3.50	7.20	0.05	1.26			
	d) Transverse sill coping	7.20	0.60	0.05	0.22			
				Total	**11.63**			

	Cement Concrete (1:4:8)									
	e) Cutoff wall				16.20	0.80	0.15	1.94		
	f) Toe wall				7.20	1.00	0.15	1.08		
	g) Apron				3.50	7.20	0.15	3.78		
	h) Side wall on both side				8.20	1.40	0.15	1.72		
	i) Wing wall on both side				6.00	1.20	0.15	1.08		
	j)Headwall and Headwall Extension				16.20	1.20	0.15	2.92		
							Total	**12.52**		
4	**Requirement of sand to nullify the impact of cracks**									
	a) Below cutoff wall				16.20	0.80	0.10	1.30		
	b)Below Headwall and headwall extension				16.20	1.20	0.10	1.94		
	c) Below side wall on both sides				8.20	1.40	0.10	1.15		
	d) Below wing wall on both side				6.00	1.20	0.10	0.72		
	e) Below apron				3.50	7.20	0.10	2.52		
	f) Below Toe wall				7.20	1.00	0.10	0.72		
							Total	**8.35**		
5	**Stone Masonary in CM 1:4**									
	a) Headwall and Headwall Extension on both side-Foundation				16.20	1.60	0.85	22.03		
	b) Headwall+ Headwall Extension on both side above gully bed-super structure				16.20	1.30	1.70	35.80	Width=(1+1.6)/2= 1.70 m	
	c) Headwall Extension on both the side above crest				9.00	1.20	1.30	14.04		
	d) Foundation for side wall on both side				8.20	1.20	1.50	14.76		
	e) Side wall on both side -super structure (K Part)-I				2.20	1.00	1.50	3.30		

	f) Side wall on both side-above part-I mentioned in (e): (K Part)-II	2.20	0.80	1.00	1.76			
	g) Side wall on both side above part-II mentioned in (f): (K Part)-III	2.20	0.60	0.50	0.66			
	h) Side wall on both side-Super structure (M Part)-I	6.00	1.00	1.50	9.00			
	i) Side wall on both side above Part-II mentioned in (i): (M Part)-III	6.00	0.80	0.75	3.60	Avg. ht. of triangle portion=		0.75
	j) Foundation for wing wall on both side	6.00	1.00	1.50	9.00			
	k) Wing wall on both side-Super structure-Part- I	6.00	0.90	0.75	4.05			
	l) Wing wall on both side-Above Part-I mentioned in (l): Part -II	6.00	0.80	0.38	1.82	Avg. ht. of triangle portion=		0.38
	m) Toe wall: Part I	7.20	0.80	0.80	4.61			
	n) Toe wall: Part II	7.20	0.70	0.40	2.02			
	o) Transverse Sill	7.20	0.60	0.60	2.59			
	p) Apron	3.50	7.20	0.40	10.08			
				Total	**139.12**			
6	**M S Bar (10 mm, q)**				**2.00**			
7	**Providing rough stone pitching in u/s (both side)**	34.00	3.00	0.25	**25.50**			
8	**Cement pointing to stone masonary in CM 1:3 (sqm)**							
	a) Headwall both side	14.40		1.70	24.48			
	b) Side wall both side (RHS and LHS)-Part I	8.20		1.50	12.30			
	c) Side wall both side (RHS and LHS)-Part II	2.20		1.50	3.30			

	d) Side wall both side (RHS and LHS)-Part-III	6.00		0.75	4.50	Avg. ht. of triangle portion=		0.75
	e) Wing wall both side-Part I	6.00		0.75	4.50			
	f) Wing wall both side-Part I	6.00		0.38	2.28	Avg. ht. of triangle portion=		0.38
				Total	**51.36**			
9	**Filling of black clay soil in the up stream (free from any kind of gravel)**				**5.00**	trolly		

MATERIAL ABSTRACT

		Required Quantiy						
		Quantiy,cum	Cement,bags	Sand,cum	Conc ,cum	Khanda (cum)	Boulder(cum)	MS Bar (q)
1	Cement Concrete mix for cut-off wall (1:2:4): 12 mm conc.	11.63	74.42	5.23	10.47			
2	Cement Concrete mix for cut-off wall (1:4:8); 20 mm conc.	12.52	42.57	5.89	11.77			
3	Stone Maspnary in CM 1:4	139.12	347.81	47.30		139.12		
4	MS Bar for reinforcing							2.00
5	Boulder for pitching	25.50					25.50	
6	Cement pointing to stone masonary in CM 1:3 (sqm)	51.36	3.18	0.32				
7	Black clay soil (gravel free)	5.00						
8	Requirement of sand to nullify the impact of cracks in black soil			8.35				
	Total		**467.99**	**67.09**	**22.24**	**139.12**	**25.50**	**2.00**

COST ABSTRACT									
	Sl. No.	**Item**	**Quantity**	**Unit**	**Rate (Rs./Unit)**	**Amount (Rs.)**			
A	1	Cement	468	Bag	235.00	109977.26			
	2	Sand	67.09	m^3	750.00	50318.75			
	3	Concrete-12 mm	10.47	m^3	1300.00	13604.76			
	4	Concrete-20 mm	11.77	m^3	1150.00	13536.28			
	5	Khanda	139	m^3	1200.00	166948.80			
	6	M S Bar (10 mm Saria)	2.00	q	4000.00	8000.00			
	7	Boulder	25.50	m^3	700.00	17850.00			
	8	Filling of black clay soil in the up stream (free from any kind of gravel)	5.00		1500.00	7500.00			
					Total	**387735.85**			
B	9	Water supply through tanker @ 3 % of material cost				11632.08			
C	10	Labour Charges @ 25%				96933.96			
					Total (A+B+C)	**496301.89**			
	11	Misc. @ 3%				14889.06			
					G. Total	**511190.94**			
		Say Rs. 511000/- (Rs.Five lakh eleven thousand only)							
Note: The cost of materials is inclusive of all taxes and transportation to site. It may vary with respect to time									

Design of Drop Spillway No. 1						
HYDROLOGIC DESIGN						
Area (ha)	175					
slope	0.01					
K	7.47					
a	0.17					
b	0.75					
n	0.96					
Time of Concentration						
		Le.77	Se-0.385			
L (m)	1500	**278.99**				
S	0.01		**5.8884**			
		hour	Tc + b		(tc+b) power n	
Tc	**31.986**	0.5331	1.2831		1.2704	
Intensity						
		Tr power a				
Tr	20	1.6641				
I		9.7851				
Discharge						
			Taken			
	c	0.6	Coeff			
	I	97.851	mm/hr			
	A	175	ha			
	Q	28.54			Cumec	

HYDRAULIC DESIGN							
	Length of crest weir (m)			**15**			
	Weir height (m)			h			
		Q = 1.71*L*h power (3/2)					
		h power 3/2		1.1127			
		h		1.0737	**1**	h1	
		h + free board		1.1811	**1.1**		
	Depth of gulley			3.1			
	Height of water drop (H)			2		Say	**2**

STABILITY ANALYSIS										
	Let			**Top width (m)**		t	**1.2**			
				Bottom width (m)		T	**2.2**			
	Weight of dam per unit length (kg)					W	7480		W square	**5595040 0**
	Horizontzl water pressure (Kg)					P	2000		P square	**4000000**
	Uplift pressure (kg)					U	(T*w*H)/ 2	**2200**		
	Net downword force (kg)					Wn	W-U	**5280**	Wn Square	**2787840 0**
	Resultant (kg)					R				**5646.096**
						H	2			
						Xbar		**0.87451**		
						Z		**0.31134 9**		
	Point of Resultant (xbar+Z)							**1.18585 9**		
						EA		1.32549		
						P*H/3		1333.33 3		
						W*EA		9914.66 7		
						b/6		0.36666 7		
						b/2		1.1		

		e = xbar+Z-b/2				e (OF)		0.085859		
		fmax = Wn/b(1+6*e/b)				fmax		2961.983		
A Safety against sliding										
					(mu*W)/P			1.32		
B Safety against overturning					(W*EA)/(P*H/3)			2.175809		
C Safety against Tension					e<b/6 or b/6-e should be +ive			0.280808		
D Safety against Crushing				Permiss comp Stress kg/sqm			say	10000		
				PCS-fmax should be +ive				7038.017		
Depth of Foundation										
			Normal scour depth, dn			0.473[Q/f]power1/3				
				Q (cumec)	28.54					
				Q (Cusec)	1007.1					
				f is silt factor, take=		2				

				[q/f]		503.553				
				[q/f] power1/3		7.95576				
				dn (ft)		3.76308				
				dn (m)		1.14728				
			Maximum scour depth, dm			1.5*dn	**1.72092**			
									Technical Specification	
			Foundation depth, D			1.33 dm	**2.28882**		**2.20**	
Minimum length of headwall extension (m)				E=3h+0.6 or 1.5F whichever is greater						
			F is net drop from top of transverse sill to crest							
			St= height of transverse sill= h/3					0.366667	**0.45**	
			F (m)	1.55						
			E (m)	3.9	or		2.325	say	**4.00**	
Length of Basin Lb										
			Lb (m)= F(2.28*h/F+0.52)			3.314		say	**3.50**	
Height of the sidewall at end sill is taken to be minimum 1.5h1,but more than H/2										

				J (m)	1.5h1	1.5	more than H/2	1	**1.50**	
Height of the sidewall at the weir end										
				Equal to gully depth	3.1				**3.10**	
				M (m)	2(F+1.33h-J)			3.026	**3.00**	
				K (m)	Lb+.1-M			0.574	**1.10**	
Length of Wing wall (WL)										
				WL = 2.25h				2.475	**2.50**	
Depth of Toe Wall										
				h1+0.1				1.1	**1.20**	

WORK ABSTRACT

Sl. No.	**Item**	**Specification (m)**			**Quantity (cum)**			
		Length	**Breadth**	**Depth**				
1	**Clearing of site (Removal of trees, shrubs and bushes)**	25.00	15.00					
2	**Earth work**							
	a) in hard soil -Headwall Foundation	15.00	3.00	1.35	60.75	Effective depth will be 1.00 m		
	b) in hard soil RHS of Headwall extension	4.00	3.00	4.00	48.00	Effective depth will be		

						1.00 m
	c) in hard soil LHS of Headwall extension	4.00	3.00	4.50	54.00	Effective depth will be 1.00 m
	d) in hard soil cutoff wall	23.00	1.20	1.00	27.60	
	e)in hard soil side wall on both side	8.20	1.80	4.50	66.42	Effective depth will be 1.50 m
	f) in hard soil Toe wall	15.00	1.80	1.40	37.80	Effective depth will be 1.20 m
	g) in hard soil Wing wall on both side	5.00	1.80	4.50	40.50	Effective depth will be 1.50 m
	h) Apron	3.50	15.00	0.50	26.25	
				Total	**361.32**	
3	**Cement concrete**					
	Cement Concrete (1:2:4)					
	a) cutoff wall	23.00	0.60	1.00	13.80	
	b) Head wall coping	15.00	1.20	0.05	0.90	
	c) Apron	3.50	15.00	0.05	2.63	
	d) Transverse sill coping	15.00	0.60	0.05	0.45	
				Total	**17.78**	
	Cement Concrete (1:4:8)					
	e) Cutoff wall	23	0.8	0.15	2.76	
	f) Apron	3.50	15.00	0.15	7.88	
	g) Side wall on both side	8.20	1.40	0.15	1.72	
	h) Wing wall on both side	5.00	1.20	0.15	0.90	
	i)Headwall and Headwall Extension	23.00	1.80	0.15	6.21	
	j) Toe wall	15.00	1.00	0.15	2.25	
				Total	**21.72**	
4	**Requirement of sand to nullify the impact of cracks**					
	a) Below cutoff wall	23.00	0.80	0.10	1.84	

	b)Below Headwall and headwall extension					23.00	1.80	0.10	4.14			
	c) Below side wall on both sides					8.20	1.40	0.10	1.15			
	d) Below wing wall on both side					5.00	1.20	0.10	0.60			
	e) Below apron					3.50	15.00	0.10	5.25			
	f) Below Toe wall					15.00	1.00	0.10	1.50			
								Total	**14.48**			
5	**Stone Masonary in CM 1:4**											
	a) Headwall and Headwall Extension on both side-Foundation					23.00	2.20	0.90	45.54			
	b) Headwall+ Headwall Extension on both side above gully bed-super structure					23.00	1.70	2.00	78.20	Width=(1.2+2.2)/2= 1.70 m		
	c) Headwall Extension on both the side above crest					8.00	1.20	1.10	10.56			
	d) Foundation for side wall on both side					8.20	1.20	1.50	14.76			
	e) Side wall on both side -super structure (K Part)-I					2.20	1.00	1.50	3.30			
	f) Side wall on both side-above part-I mentioned in (e): (K Part)-II					2.20	0.80	1.00	1.76			
	g) Side wall on both side above part-II mentioned in (f): (K Part)-III					2.20	0.60	0.60	0.79			
	i) Side wall on both side-Super structure (M Part)-I					6.00	1.00	1.50	9.00			
	k) Side wall on both side above Part-II mentioned in (i): (M Part)-III					6.00	0.80	0.80	3.84	Avg. ht. of triangle portion=	0.80	
	l) Foundation for wing wall on both side					5.00	1.00	1.50	7.50			
	m) Wing wall on both side-Super structure-Part- I					5.00	0.90	0.75	3.38			

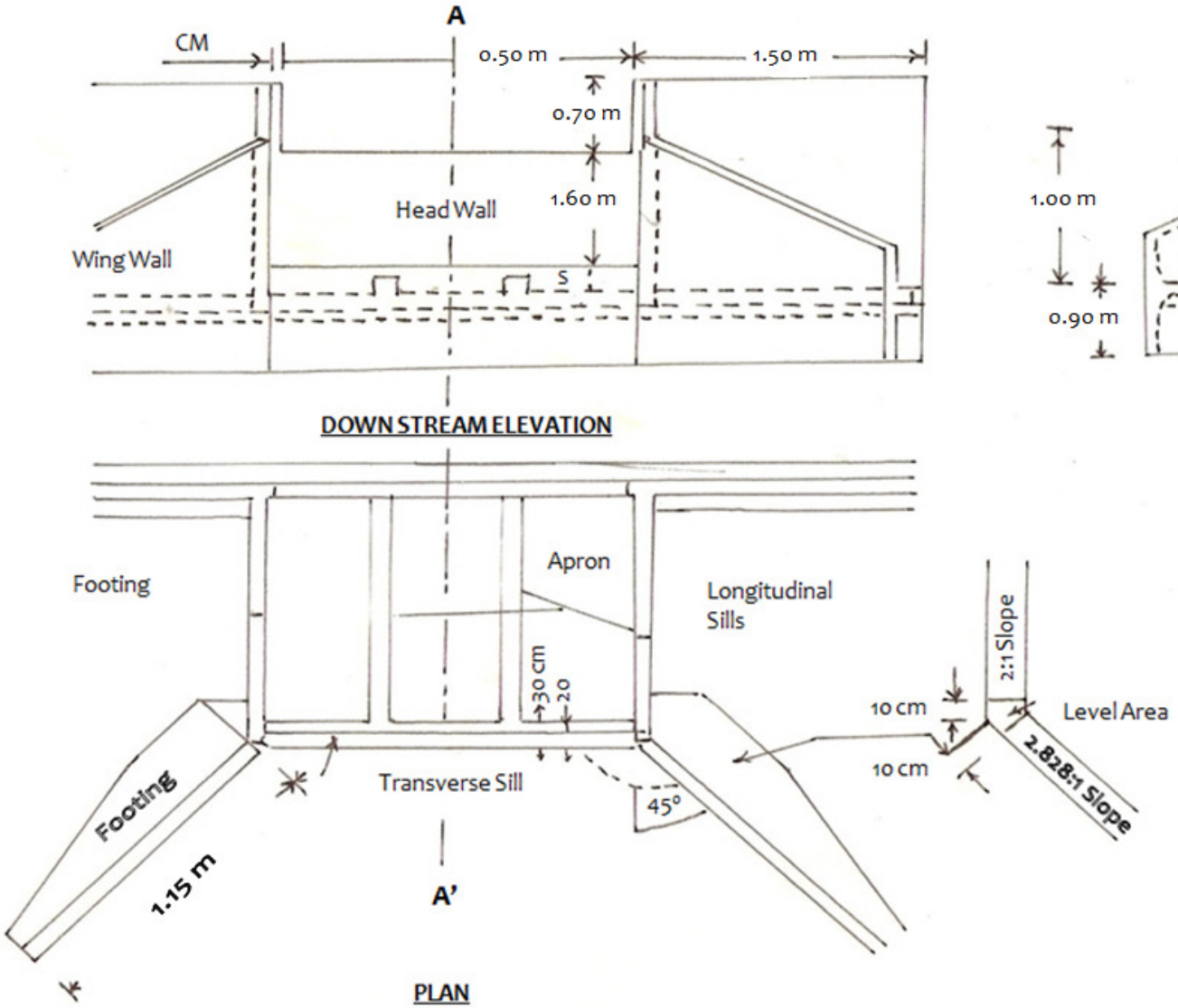
	n) Wing wall on both side-Above Part-I mentioned in (l): Part -II				5.00	0.80	0.38	1.52	Avg. ht. of triangle portion= 0.38
	o) Toe wall: Part I				15.00	0.80	0.80	9.60	
	p) Toe wall: Part II				15.00	0.70	0.40	4.20	
	q) Transverse Sill				15.00	0.60	0.60	5.40	
	r) Apron				3.50	15.00	0.40	21.00	
							Total	**220.35**	
6	**M S Bar (10 mm, q)**							**3.50**	
7	**Providing rough stone pitching in u/s (both side)**				34.00	3.00	0.25	**25.50**	
8	**Cement pointing to stone masonary in CM 1:3 (sqm)**								
	a) Headwall both side				30.00		2.00	60.00	
	b) Side wall both side (RHS and LHS)-Part I				8.20		1.50	12.30	
	c) Side wall both side (RHS and LHS)-Part II				2.20		1.60	3.52	
	d) Side wall both side (RHS and LHS)-Part-III				6.00		0.80	4.80	Avg. ht. of triangle portion= 0.80
	e) Wing wall both side-Part I				5.00		0.75	3.75	
	f) Wing wall both side-Part I				5.00		0.38	1.90	Avg. ht. of triangle portion= 0.38
							Total	**86.27**	
9	**Filling of black clay soil in the up stream (free from any kind of gravel)**							**6.00**	trolly

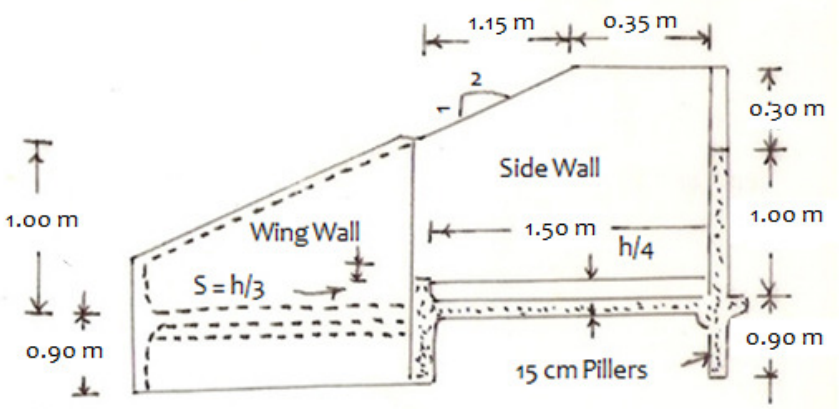
MATERIAL ABSTRACT									
		Required Quantiy							
		Quantiy,cum	Cement,bags	Sand,cum	Conc ,cum	Khanda (cum)	Boulder(cum)	MS Bar (q)
1	Cement Concrete mix for cut-off wall (1:2:4): 12 mm conc.	17.78	113.76	8.00	16.00			
2	Cement Concrete mix for cut-off wall (1:4:8); 20 mm conc.	21.72	73.84	10.21	20.41			
3	Stone Maspnary in CM 1:4	220.35	550.87	74.92		220.35		
4	MS Bar for reinforcing							3.50
5	Boulder for pitching	25.50					25.50	
6	Cement pointing to stone masonary in CM 1:3 (sqm)	86.27	5.35	0.54				
7	Black clay soil (gravel free)	6.00						
8	Requirement of sand to nullify the impact of cracks in black soil			14.48				
	Total		**743.81**	**108.15**	**36.41**	**220.35**	**25.50**	**3.50**

COST ABSTRACT								
	Sl. No.	**Item**	**Quantity**	**Unit**	**Rate (Rs./Unit)**	**Amount (Rs.)**		

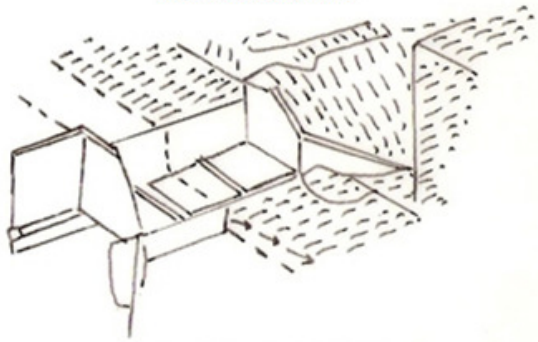
A	1	Cement	744	Bag	235.00	174796.30		
	2	Sand	108.15	m^3	750.00	81108.92		
	3	Concrete-12 mm	16.00	m^3	1300.00	20796.75		
	4	Concrete-20 mm	20.41	m^3	1150.00	23476.08		
	5	Khanda	220	m^3	1200.00	264416.40		
	6	M S Bar (10 mm Saria)	3.50	q	4000.00	14000.00		
	7	Boulder	25.50	m^3	700.00	17850.00		
	8	Filling of black clay soil in the up stream (free from any kind of gravel)	6.00		1500.00	9000.00		
					Total	**605444.44**		
B	9	Water supply through tanker @ 3 % of material cost				18163.33		
C	10	Labour Charges @ 25%				151361.11		
					Total (A+B+C)	**774968.89**		
	11	Misc. @ 3%				23249.07		
					G. Total	**798217.95**		
		Say Rs. 798000/- (Rs. Seven lakh ninety eight thousand only)						
Note: The cost of materials is inclusive of all taxes and transportation to site. It may vary with respect to time								

DRAWING OF SPILLWAY OF CREST LENGTH 0.5 m





SECTION ON A-A'



PERSPECTIVE VIEW

All Dimensions in Metre

Design of Drop Spillway for 1.00 ha Catchment Area

Design of Drop Spillway to be constructed at a place in a gully having width of 1.0 m and catchment area 1.00 ha and net drop 0.50 m Taking rainfall intensity for duration equal to time of concentration of watershed and design return period of 25 years , as 120mm/hr. The coefficient of runoff for the watershed is 0.3.

1. Hydrologic design- The design peak runoff rate (m^3/s) for the watershed from Rational formula is

given as:

$$Q = \frac{C.I.A.}{360} = \frac{0.3x120x1.00}{360} = 36/360 = 0.10 \text{ cum/second}$$

2. Hydraulic design- The maximum discharge capacity of the rectangular weir given by

$$Q = \frac{1.711\ L\ H^{3/2}}{(1.1+0.01\ F)}$$

To find suitable value of L & H

Let us assume L = 0.50 m (since width of gulley is 1.00 m)

$$0.10 = \frac{1.711\ L\ H^{3/2}}{(1.10+0.01x0.5)} = \frac{1.711\ L\ H^{3/2}}{(1.105)}$$

$$L\ H^{3/2} = \frac{1.105 \times 0.10}{1.711} = \frac{0.1105}{1.711} = 0.064$$

$$H^{3/2} = \frac{0.064}{0.50} = 0.128$$

$$H = (0.128)^{2/3} = 0.25\ m$$

Test: $L / h = \frac{0.50}{0.25} = 2.0 \geq 2.0$ hence O.K.

$h / f = \frac{0.25}{0.50} = 0.50 \leq 0.5$ hence O.K.

3. Structural design –

1- Minimum headwall extension, E = (3h + 0.6) or 1.5 f whichever is greater

E = 3x0.5+0.6 or 1.5x0.50

E = 2.10 m or 0.75 m

Adopted 2.10 m

2- Length of apron basin $L_B = f (2.28\ h/f + 0.54) = 0.50 (2.20 \times \frac{0.5}{0.5} + 0.54)$

= 0.50 x 2.74 = 1.37 m says 1.40 m

3- Height of end sill , $S = \frac{h}{3} = \frac{0.50}{3} = 0.16$ m says 0.20 m

4- Height of wing wall and side wall at Junction :

$J = 2h$ or $[f + h + S - (L_B + 0.10)/2]$ whichever is greater

$= 2 \times 0.50$ or $[0.50+0.50+0.16 - (1.37+0.10)/2]$

$= 1.0$ or $[1.16 - 0.735]$

$= 1.0$ or 0.425

adopt J = 1.00 m

5- $M = 2 (f + 1.33\ h - J) = 2 (0.50 + 1.33 \times 0.25 - 1.00)$

$= 2 \times (-0.167) = -0.335$ m

6- $K = (L_B + 0.1) - M = (1.37 + 0.1) - 0.335$

$= 1.47 - 0.335$

$= 1.135$ m

Toe and cut off walls

Normal scour depth (N S D) $= 0.473 \times (Q/f)^{1/3}$

$= 0.473 \times (0.1/1)^{1/3}$

$= 0.473 \times 0.464$

$= 0.219$

Maximum Scour depth (M S D) $= 1.5 \times$ N S D

$= 1.5 \times 0.219$

$= 0.328$ m

says 0.35 m

Depth of cutoff /Toe wall = 0.35 m

Apron thickness : For an over fall of 0.5 m. The Apron thickness in concrete construction is 0.20 m since the structure is constructed in masonry, the Apron thickness will be 0.20 x 1.50 = 0.30 m

Wall thickness: The thickness of different wall of the structure (masonry construction) is given below:

Description	**Thickness of wall**	
	Top width	**Bottom width**
Head wall	0.40	1.00
Side wall	0.30	0.80
Wing wall and head wall extension	0.30	0.60

DETAIL ESTIMATE OF DROP SPILLWAY OF CREST LENGTH 0.5 METRE

1. Earth work in cutting in foundation

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Side wall	2	1.50	1.00	1.15	3.45
2	Head wall	1	0.50	1.20	1.15	0.69
3	Head wall extension	2	2.20	0.80	1.15	4.04
4	Wing wall	2	1.15	0.80	1.15	2.11
5	Toe wall	1	0.50	0.80	0.60	0.24
6	Cut off wall	1	4.70	0.80	0.60	2.25
7	Apron	1	0.50	1.50	0.60	0.45

Total	13.23 cum

2. Laying of sand in the bed of foundation

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Side wall	2	1.50	1.00	0.10	0.300
2	Head wall	1	0.50	0.40	0.10	0.020
3	Wing wall	2	1.15	0.80	0.10	0.184
4	Toe wall	1	0.50	0.80	0.10	0.040
5	Cut off wall	1	4.70	0.80	0.10	0.376
6	Apron	1	0.50	1.50	0.10	0.075
Total						0.995 cum

3. C.C.W. 1: 3: 6 in foundation

S.No.	Description of work	No.	L	B	D/H	Quantity

1	Cut off wall	1	4.7	0.80	0.15	0.564
2	Head wall	1	0.50	0.40	0.15	0.030
3	Side wall	2	1.50	1.00	0.15	0.450
4	Wing wall	2	1.15	0.80	0.15	0.276
5	Toe wall	1	0.50	0.80	0.15	0.060
6	Apron	1	0.50	1.50	0.15	0.112
Total						1.492 cum

4. R/R Stone masonry 1:4

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Cut off wall	1	4.70	0.80	0.45	1.692
		1	4.70	0.60	0.45	1.269
2	Head wall	1	0.50	1.10	0.45	0.247
		1	0.50	1.00	0.45	0.225
		1	0.50	(0.40 + 1.00) /2	0.60	0.180

3	Head wall extension	2	2.10	0.80	0.45	1.512
		2	2.10	0.60	0.45	1.134
		2	2.10	0.60	0.60	1.512
		2	2.10	0.40	0.70	1.176
4	Side wall	2	1.50	1.00	0.45	1.350
		2	1.50	0.80	0.45	1.080
		2	1.50	0.80	0.60	1.440
		2	1.50	0.60	0.40	0.720
		2	(0.35 + 1.50) /2	0.40	0.30	0.222
5	Wing wall	2	1.15	0.80	0.45	0.828
		2	1.15	0.60	0.45	0.621
		2	1.15	0.40	(1.00 + 0) /2	0.460
6	Toe wall	1	0.50	0.80	0.45	0.180
		1	0.50	0.60	0.45	0.135
		1	0.50	0.40	0.20	0.040
7	Apron	1	0.50	1.50	0.45	0.337

	Total	16.360 cum

5. C.C.W. 1:2:4 on the wall

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Head wall	1	0.50	0.40	0.025	0.005
2	Side wall	2	0.35	0.40	0.025	0.007
		2	1.18	0.40	0.025	0.023
3	Head wall extension	2	2.10	0.40	0.025	0.042
4	Wing wall	2	1.52	0.40	0.025	0.030
5	Toe Wall	1	0.50	0.40	0.025	0.005
6	Apron	1	0.50	1.50	0.025	0.018
Total						0.130 cum

6. Raised Pointing 1:3

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Head wall	1	0.50	-	0.60	0.30
		1	0.50	-	0.84	0.42

2	Side wall	2 2	1.50 (0.35 + 1.50) /2	- -	1.00 0.30	3.00 0.55
3	Head wall extension	2	2.10	-	1.00	4.20
4	Wing wall	2	1.15	-	(1.00 + 0) /2	1.15
Total						9.62 m^2

CONSUMPTION OF MATERIALS

S.No.	Particulars	Quantity	Cement (Bags)	Coarse Sand (cum)	Khanda (cum)	G.S.B 25-40 mm (cum)	G.S. Grit 10-20 mm (cum)
1.	Sand laying	0.995 cum	-	0.995	-	-	-
2.	C.C.W. 1:3:6	1.492 cum	6.41	0.671	-	1.342-	-
3.	R/R Stone Masonry	16.360 cum	39.26	5.562	16.36	-	-

4.	C.C.W. 1:2:4	0.130 cum	0.79	0.054	-	-	0.110
5.	Raised Pointing 1:3	9.62 m^2	0.44	0.045	-	-	-
Total			**46.90**	**7.327**	**16.36**	**1.342**	**0.110**
Say			**47 Bags**				

COST OF MATERIALS

S.No	Name of materials	Quantity	Rate	Amount
1.	Cement	47 Bags	255.00/bag	11985.00
2.	Coarse sand	7.327 cum	910.00/cum	6667.57
3.	Stone Khanda	16.36 cum	1025.00/cum	16769.00

4.	G.S.B. 25-40 mm	1.342 cum	855.00/cum	1147.41
5.	Grit 10-20 mm	0.110 cum	1250.00/cum	137.50
Total				**Rs. 36,706.48**

LABOUR CHARGE

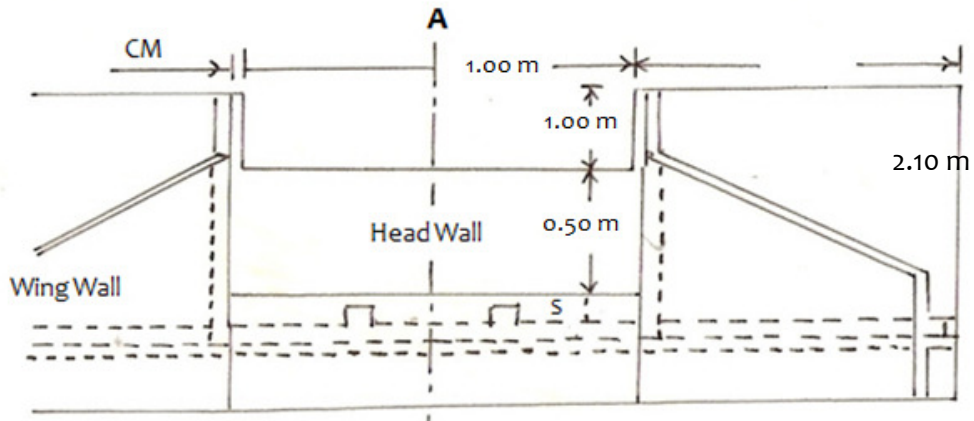
S.No.	Particulars	Quantity	Rate	Amount
1.	Earth Work	13.23 cum	36.66/cum	485.01
2.	Sand Laying	0.995 cum	33.33/cum	33.16
3.	C.C.W. 1:3:6	1.492 cum	494/cum	737.04
4.	Stone masonry	16.36 cum	370/cum	6053.20
5.	C.C.W. 1:2:4	0.130 cum	494/cum	64.22
6.	Raised Pointing	9.62 m^2	51.61/m^2	496.48

7.	Curing	16.36 cum	25.00/cum	409.00
8.	Chowkidar	6 Man Days	100.00/Man Day	600.00
9.	Head load & local transportation cost 10% cost of material	-	-	3670.64
	Total			**Rs. 12,548.75**

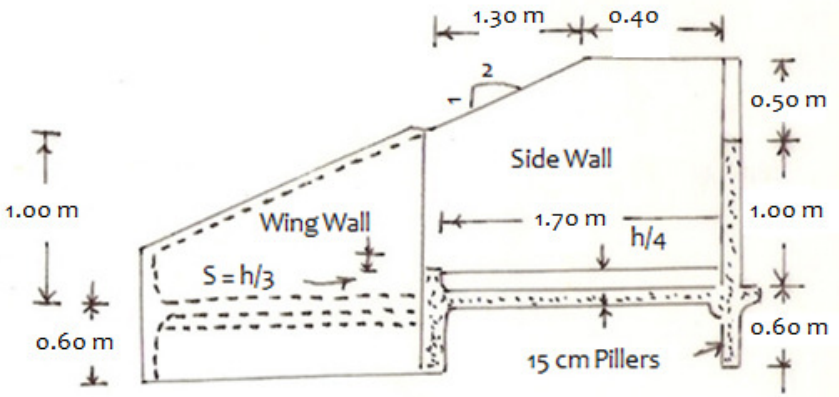
Total Expenditure	
1. Cost of materials	36706.48
2. Labour Charges	12548.75
Total	**Rs. 49,255.23**
	Say Rs. 49,300.00 only

DRAWING OF SPILLWAY OF CREST LENGTH 1.0 m

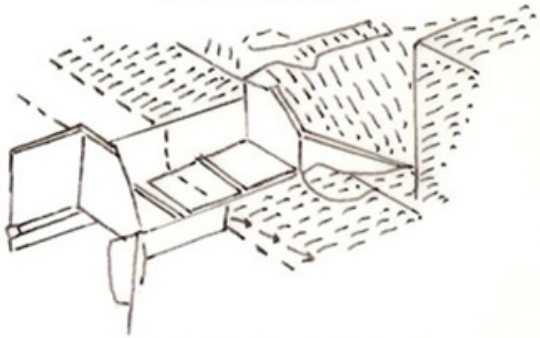
Not to



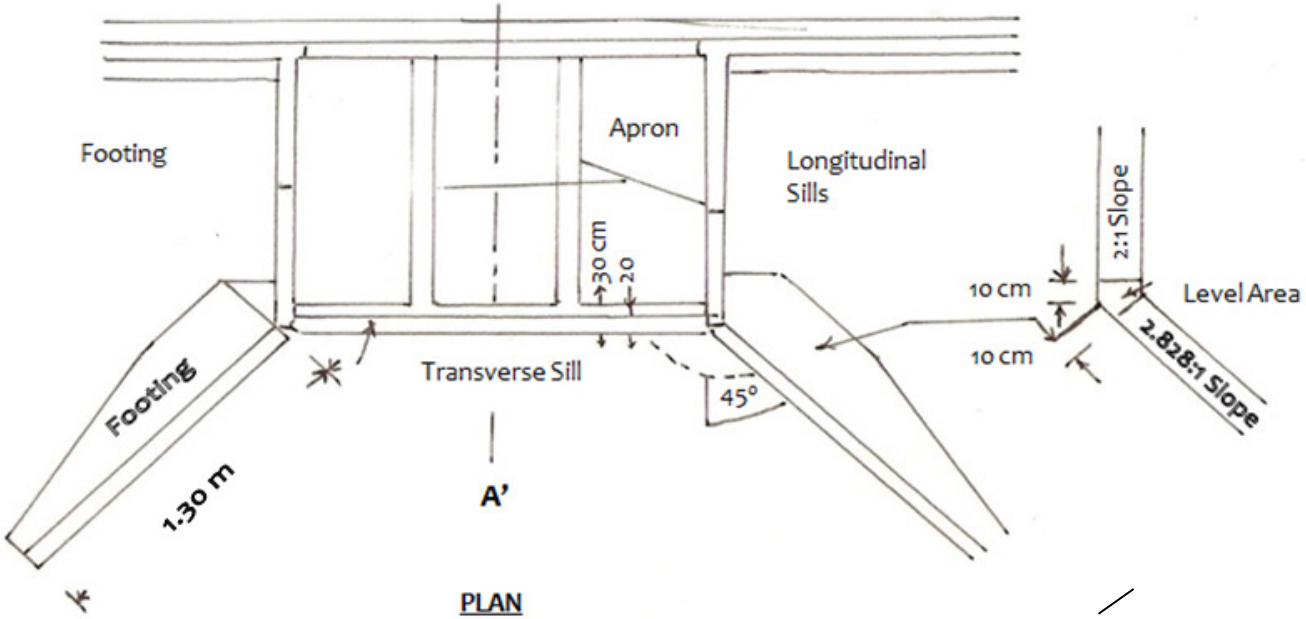
DOWN STREAM ELEVATION



SECTION ON A-A'



PERSPECTIVE VIEW



PLAN

All Dimensions in Metre

DESIGN OF DROP SPILLWAY FOR 5.00 HA CATCHMENT AREA

Design of Spillway to be constructed at a place in a gully having width of 2.0 m and catchment area 5.0 ha net drop 1.0m. Taking rainfall intensity for duration equal to time of concentration of watershed and design return period of 25 years, as 120mm/hr. The coefficient of runoff for the watershed is 0.3.

1. Hydrologic design- The design peak runoff rate (m^3/s) for the watershed from Rational formula is

given as:

$$Q = \frac{C.I.A.}{360} = \frac{0.3x120x\ 5.0}{360} = 0.50\ m^3/s$$

2. Hydraulic design- The maximum discharge capacity of the rectangular weir given by

$$Q = \frac{1.711\ L\ H^{3/2}}{(1.1+0.01\ F)}$$

To find suitable value of L & H

Let us assume L = 1.0 m (since width of gulley is 2.00 m)

$$0.50 = \frac{1.711\ L\ H^{3/2}}{(1.1+0.01x0.5)} = \frac{1.711\ L\ H^{3/2}}{(1.2)}$$

$$L\ H^{3/2} = \frac{1.20 \times 0.5}{1.711} = 0.350$$

$$H^{3/2} = \frac{0.375}{1.711 \times 4} = 0.35$$

$$H = (0.350)^{2/3} = 0.49 \text{ m says } 0.50 \text{ m}$$

Test: $L / h = \frac{1.00}{0.50} = 2.00 \geq 2.0$ hence O.K.

$h / f = \frac{0.50}{1.00} = 0.5 \leq 5$ hence O.K.

Hence the designed hydraulic dimensions of the Spillway are:

Crest Length (L) = 1.00 m

Weir depth (h) = 0.50 m

3. Structural design –

1- Minimum headwall extension , E = (3h + 0.6) or 1.5 f whichever is greater

E = 3 x 0.50+0.6 or 1.5x 1

E = (1.5 + 0.60) or 21.50 m

= 2.10 or 1.50

Adopted = 2.10 m

2- Length of apron basin $L_B = f (2.28\ h/f + 0.54) = 1 (2.28 \times \frac{0.50}{1.0} + 0.54)$

= 1.14 + 0.54 = 1.68 m

3- Height of end sill , $S = \frac{h}{3} = \frac{0.50}{3} = 0.16$ m

4- Height of wing wall and side wall at Junction :

$J = 2h$ or $[f + h + S - (L_B + 0.10)/2]$ whichever is greater

$= 2 \times 0.50$ or $[1.0+0.50+0.16 - (1.68+0.10)/2]$

$= 1.0$ or $[1.66 - 0.89]$

$= 1.00$ or 0.77

adopt $J = 1.00$ m

5- $M = 2(f + 1.33\,h - J) = 2(1.0 + 1.33 \times 0.50 - 1.00) = 2(1.665 - 1.00)$

$= 1.33$ m

6- $K = (L_B + 0.1) - M = (1.68 + 0.1) - 1.33$

$= 0.45$ m

Toe and cut off walls

Normal scour depth (N S D) $= 0.473 \times (Q/f)^{1/3}$

$= 0.473 \times (0.5/1.0)^{1/3}$ taking $f = 1$

$= 0.473 \times (0.5)^{1/3} = 0.473 \times 0.793 = 0.375$ m

Maximum Scour depth (M S D) $= 1.5 \times$ N S D

$= 1.5 \times 0.375$

= 0.56 m

Depth of cutoff /Toe wall = 0.56 m **Say 0.60 M**

Apron thickness: For an over fall of 1.0 m. The Apron thickness in concrete construction is 0.30 m since the structure is constructed in masonry, the Apron thickness will be 0.30 x 1.50 = 0.45 m

Wall thickness: The thickness of different wall of the structure (masonry construction) are given below:

Description	Thickness of wall	
	Top width	Bottom width
Head wall	0.45	1.00
Side wall	0.30	0.80

Wing wall and head wall extension	0.30	0.60

DETAIL ESTIMATE OF DROP SPILLWAY CREST LENGTH 1.00 metre

1. Earth work in cutting

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Side wall	2	1.70	1.00	1.15	3.91
2	Head wall	1	0.80	1.20	1.15	1.10
3	Head wall extension	2	2.20	0.80	1.15	4.04
4	Toe wall	1	0.80	0.70	0.80	0.44
5	Cut off wall	1	5.20	0.80	0.70	2.91
6	Apron	1	1.70	0.80	0.60	0.81
7	Wing wall	2	1.30	0.80	1.15	2.39
Total						15.60 cum

2. Laying of sand in the bed & foundation

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Side wall	2	1.70	1.00	0.10	0.340
2	Head wall	1	1.00	0.40	0.10	0.040
3	Head wall extension	2	2.10	0.80	0.10	0.336
4	Toe wall	1	1.00	0.80	0.10	0.080
5	Cut off wall	1	5.20	0.80	0.10	0.416
6	Apron	1	1.60	1.00	0.10	0.160
7	Wing wall	2	1.30	0.80	0.10	0.208
Total						1.580 cum

3. C.C.W. 1: 3: 6 in foundation

S.No.	Description of work	No.	L	B	D/H	Quantity

1	Side wall	2	1.70	1.00	0.15	0.510
2	Head wall	1	1.00	0.40	0.15	0.060
3	Head wall extension	2	2.10	0.80	0.15	0.378
4	Toe wall	1	1.00	0.80	0.15	0.120
5	Cut off wall	1	5.20	0.80	0.15	0.624
6	Apron	1	1.60	1.00	0.10	0.160
7	Wing wall	2	1.30	0.80	0.15	0.312
Total						2.164 cum

4. R/R Stone masonry

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Cut off wall	1	5.20	0.60	0.60	1.872
2	Head wall	1	1.00	1.00	0.90	0.900
		1	1.00	(0.40+1.00)/2	1.00	0.700
3	Side wall	2	1.70	1.00	0.45	1.530

		2	1.70	0.80	0.45	0.918
		2	1.70	0.80	0.60	1.020
		2	1.70	0.60	0.40	0.544
		2	(1.70+0.45)/2	0.40	0.50	0.430
4	Head wall extension	2	2.10	0.80	0.65	2.184
		2	2.10	0.60	0.45	1.134
		2	2.10	0.40	1.30	2.184
5	Wing wall	2	1.30	0.80	0.45	0.936
		2	1.30	0.60	0.45	0.702
		2	1.30	0.40	(1.00+0)/2	0.520
6	Toe wall	1	1.00	0.80	0.45	0.360
		1	1.00	0.60	0.45	0.270
7	Apron	1	1.70	1.00	0.45	0.765
8	Longitudinal sill	2	1.70	0.20	0.20	0.136
9	Transverse sill	1	1.00	0.20	0.20	0.040
Total						17.145 cum

5. C.C.W. 1:2:4 on the wall and Apron

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Head wall	1	1.00	0.40	0.025	0.010
2	Side wall	2	0.45	0.40	0.025	0.009
		2	1.35	0.40	0.025	0.027
3	Head wall extension	2	2.10	0.40	0.025	0.042
4	Wing wall	2	1.60	0.40	0.025	0.032
5	Longitudinal sill	2	1.70	0.20	0.025	0.017
6	Transverse sill	1	1.00	0.20	0.025	0.005
7	Apron	3	1.60	0.20	0.025	0.024
Total						0.166 cum

6. Raised Pointing 1:3

S.No.	Description of work	No.	L	B	D/H	Quantity
1	Head wall	1	1.00	-	1.00	1.00
		1	1.00	-	1.16	1.16
2	Side wall	2	0.45	-	1.50	1.35
		2	1.25	-	(1.50+1.00)/2	3.12
3	Wing wall	2	1.30	-	(1.00+0)/2	1.30
4	Head wall extension	2	2.10	-	1.00	4.20
Total						12.13 m^2

ESTIMATE OF MATERIALS

S.No.	Particulars	Quantity	Cement (Bags)	Sand (cum)	Khanda (cum)	G.S. Grit 25-40 mm (cum)	Grit 10-20 mm (cum)
1	Sand laying	1.580 cum	-	1.580	-	-	-
2	C.C.W. 1:3:6	2.164 cum	9.95	0.973	-	1.947	-
3	R/R Stone masonry	17.145 cum	41.14	5.829	17.145	-	-
4	C.C.W. 1:2:4	0.166 cum	1.01	0.069	-	-	0.141
5	Raised Pointing 1:3	12.13 m^2	0.55	0.057	-	-	-
	Total		**52.65**	**8.508**	**17.145**	**1.947**	**0.141**
	Say		**53 Bags**	**8.51 cum**	**17.15 cum**	**1.95 cum**	**0.14 cum**

COST OF MATERIALS

S.No	Name of materials	Quantity	Rate	Amount
1	Cement	53 Bags	255.00	13515.00
2	Course sand	8.51 cum	910.00	7744.10

3	Khanda	17.51 cum	1025.00	17578.75
4	G.S.B. 25-40 mm	1.95 cum	855.00	1667.25
5	G.S.Grit 10-20 mm	0.14 cum	1250.00	175.00
Total				**Rs. 40,680.10**

LABOUR CHARGE

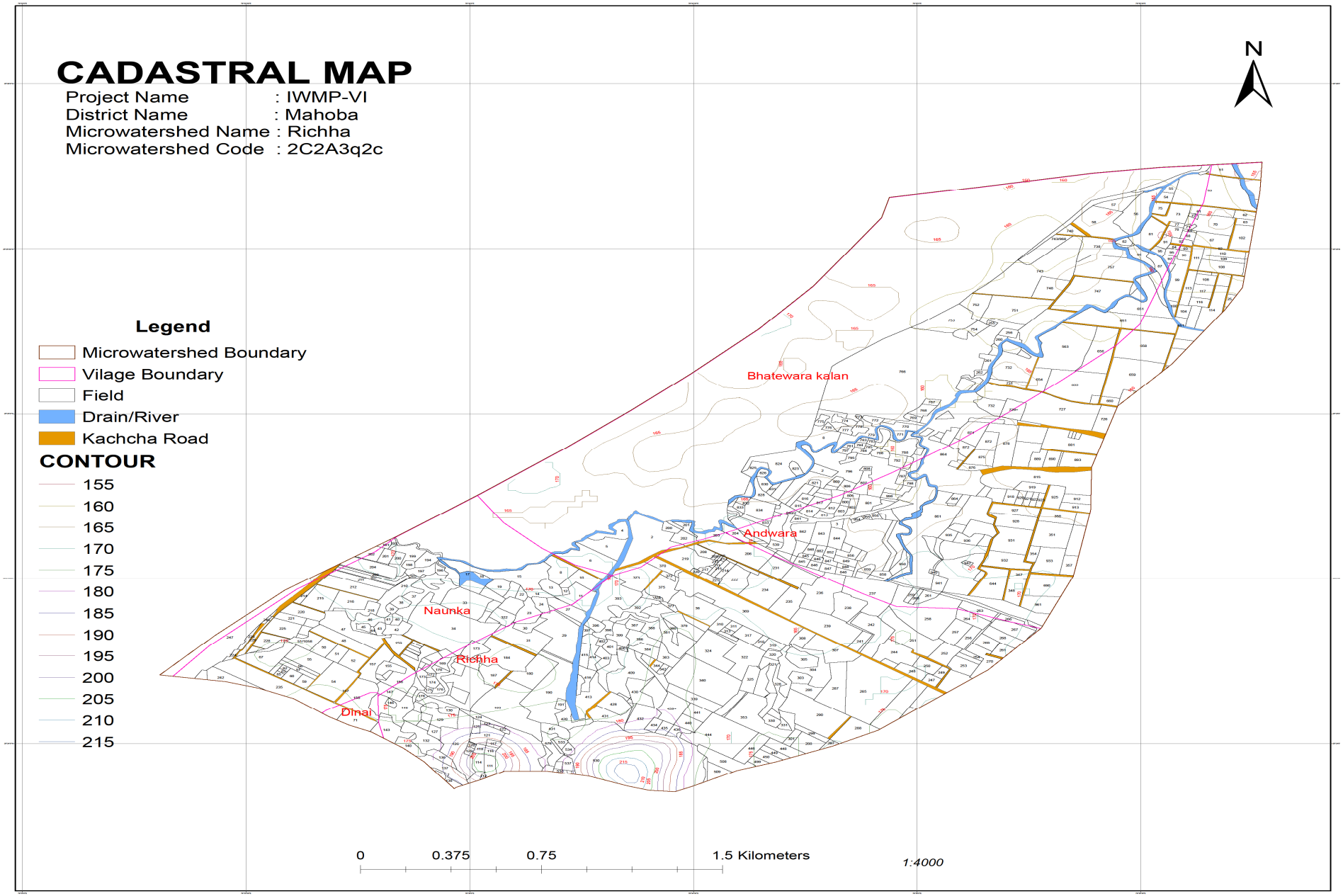
S.No.	Particulars	Quantity	Rate	Amount
1.	Earth work	15.60 cum	36.66/cum	571.89
2.	Sand Laying	1.580 cum	33.33/cum	52.66
3.	C.C.W. 1:3:6	2.164 cum	494/ cum	1069.01
4.	C.C.W. 1:2:4	0.166 cum	494/ cum	82.00
5.	Stone Masonry	17.145 cum	370/ cum	6343.65
6.	Raised Pointing	12.13 m^2	51.61/m^2	626.02
7.	Curing	17.145 cum	25.00/ cum	428.62
8.	Chowkidar	6 Man Days	100.00/Man Day	600.00

9.	Head Load & local transportation 10% cost of materials			4068.00
	Total			**Rs. 13,841.85**

Total Expenditure	
1. Cost of Materials	40680.10
2. Labour Charges	13841.85
Total	**Rs. 54,521.95**
	Say Rs. 54,550.00

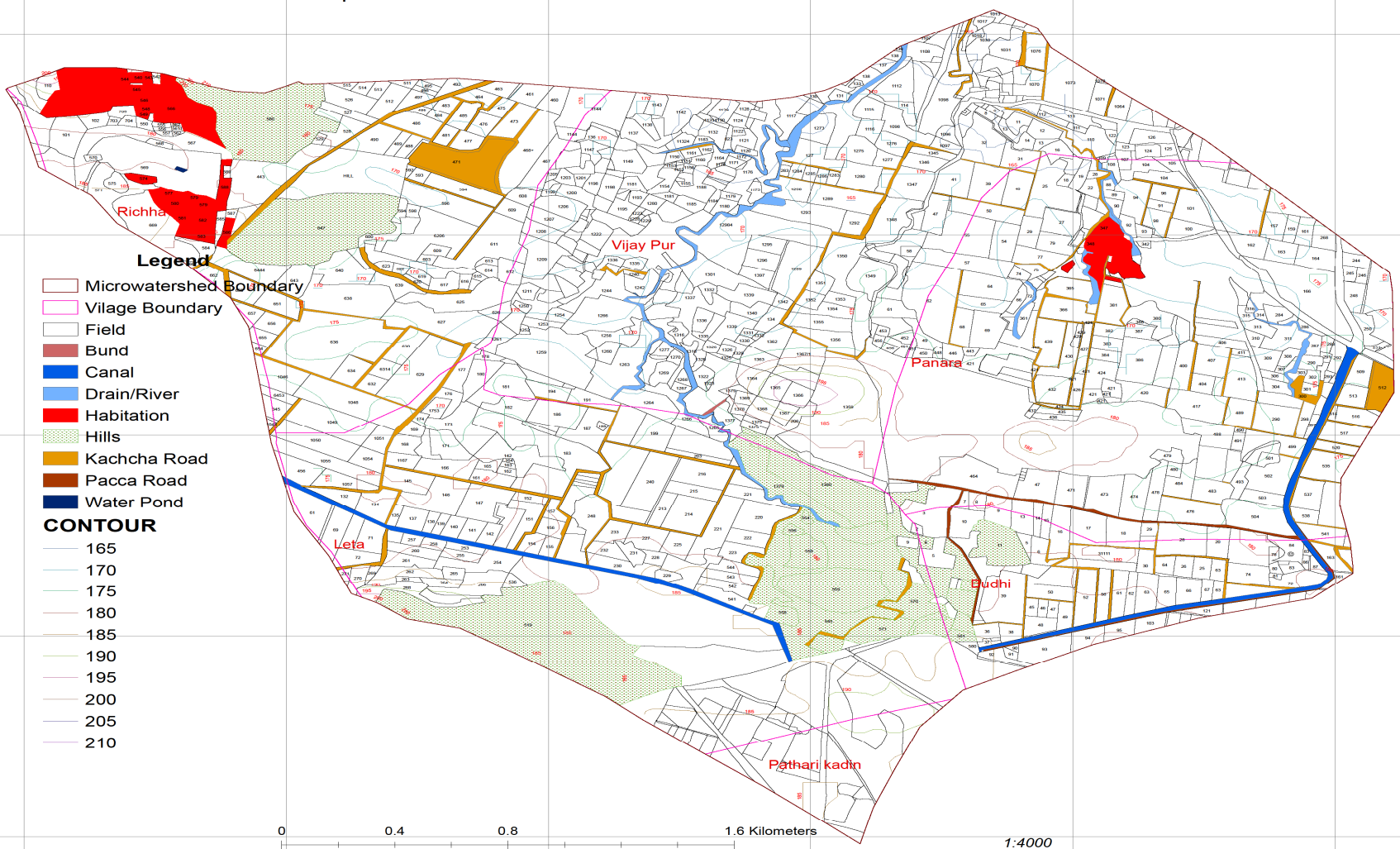
CADASTRAL MAP

Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Richha
Microwatershed Code : 2C2A3q2c



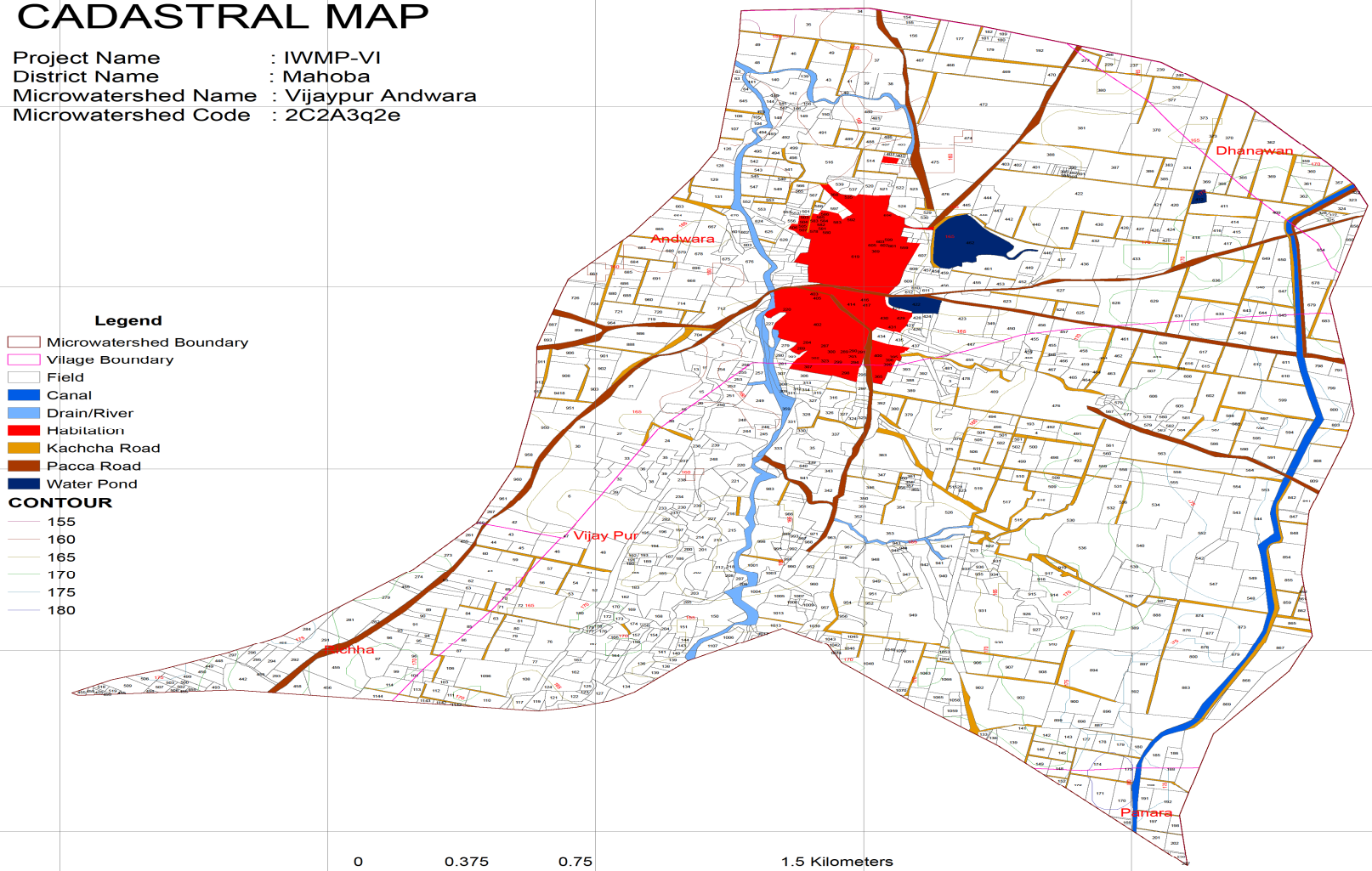
CADASTRAL MAP

Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Panara
Microwatershed Code : 2C2A3q2d



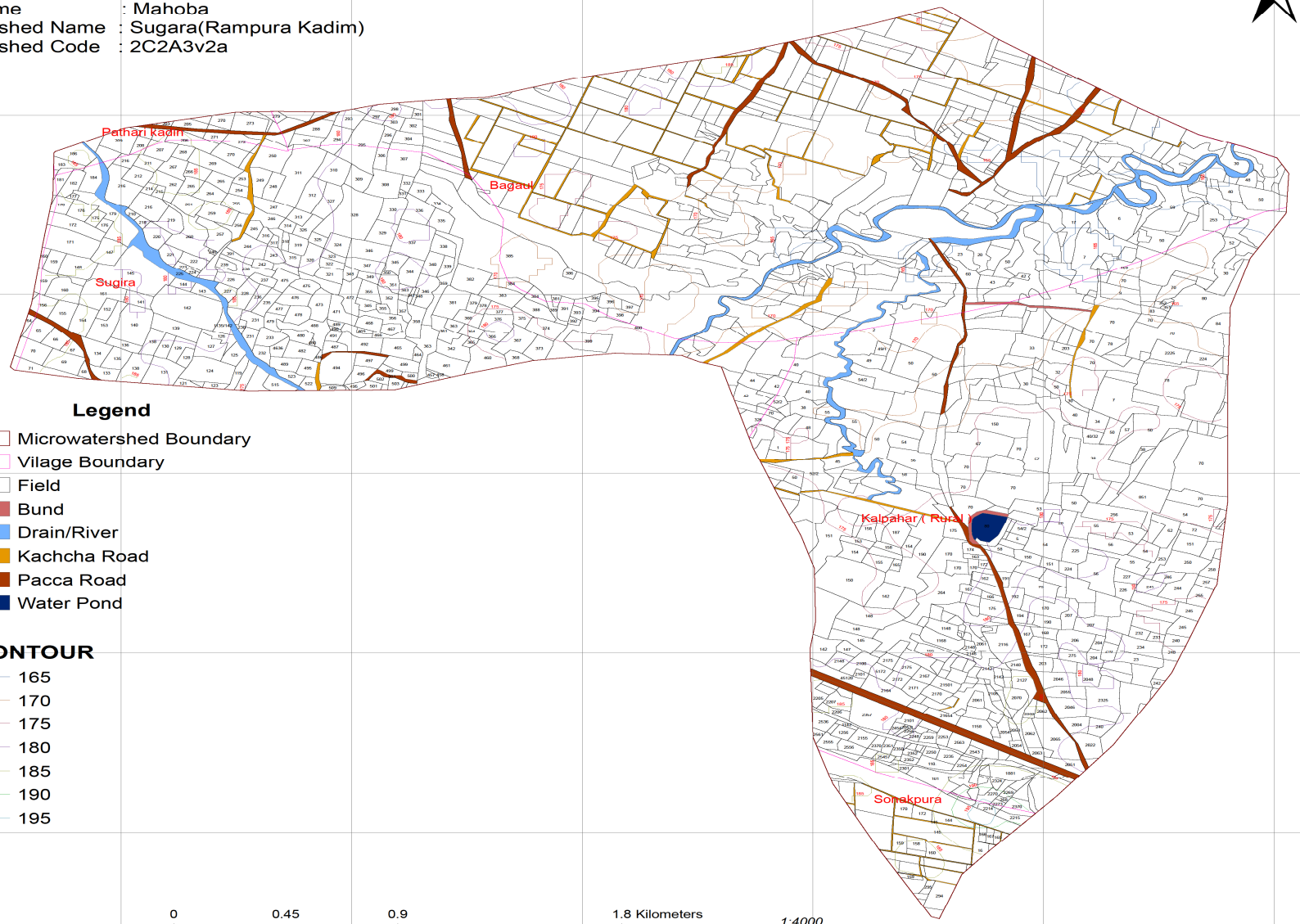
CADASTRAL MAP

Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Vijaypur Andwara
Microwatershed Code : 2C2A3q2e



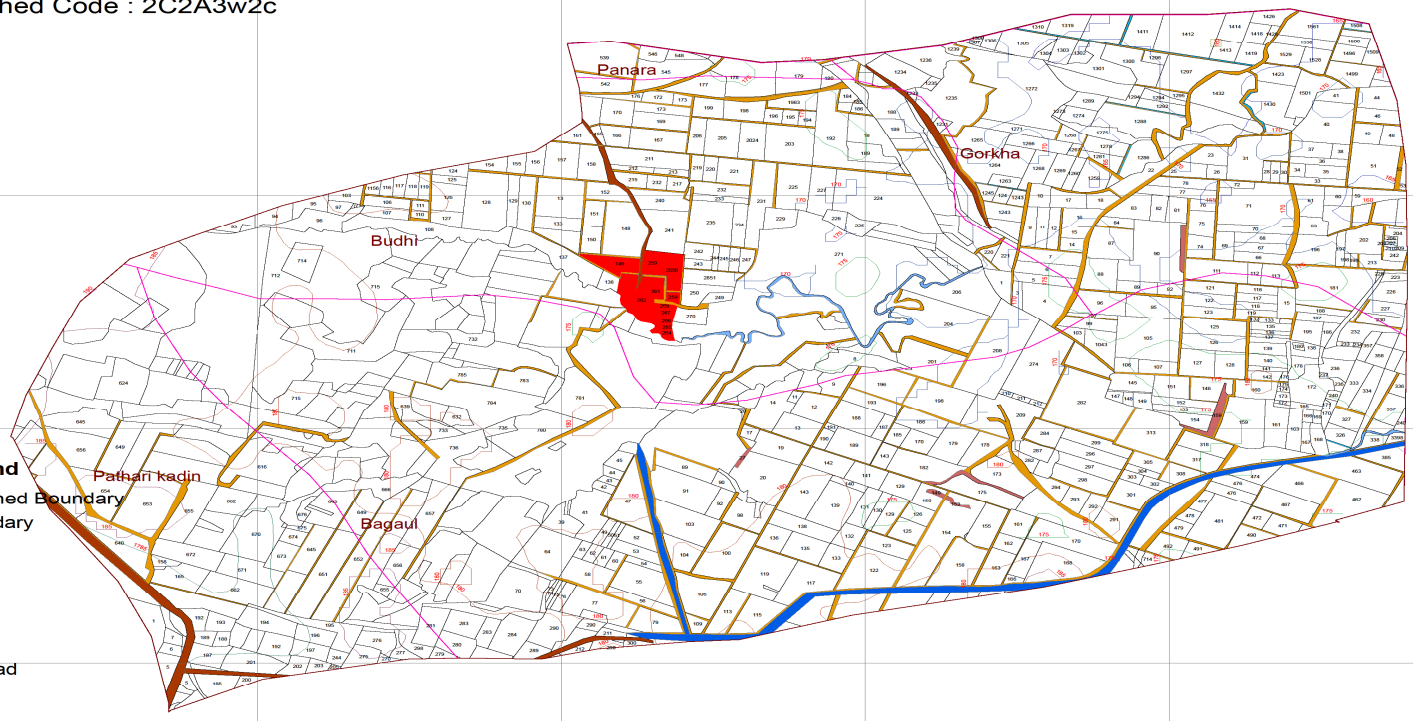
CADASTRAL MAP

Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Sugara(Rampura Kadim)
Microwatershed Code : 2C2A3v2a



CADASTRAL MAP

Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Bagaul
Microwatershed Code : 2C2A3w2c



Legend

- Microwatershed Boundary
- Vilage Boundary
- field
- Bund
- Canal
- Drain/River
- Habitation
- Kachcha Road
- Nali
- Pacca Road

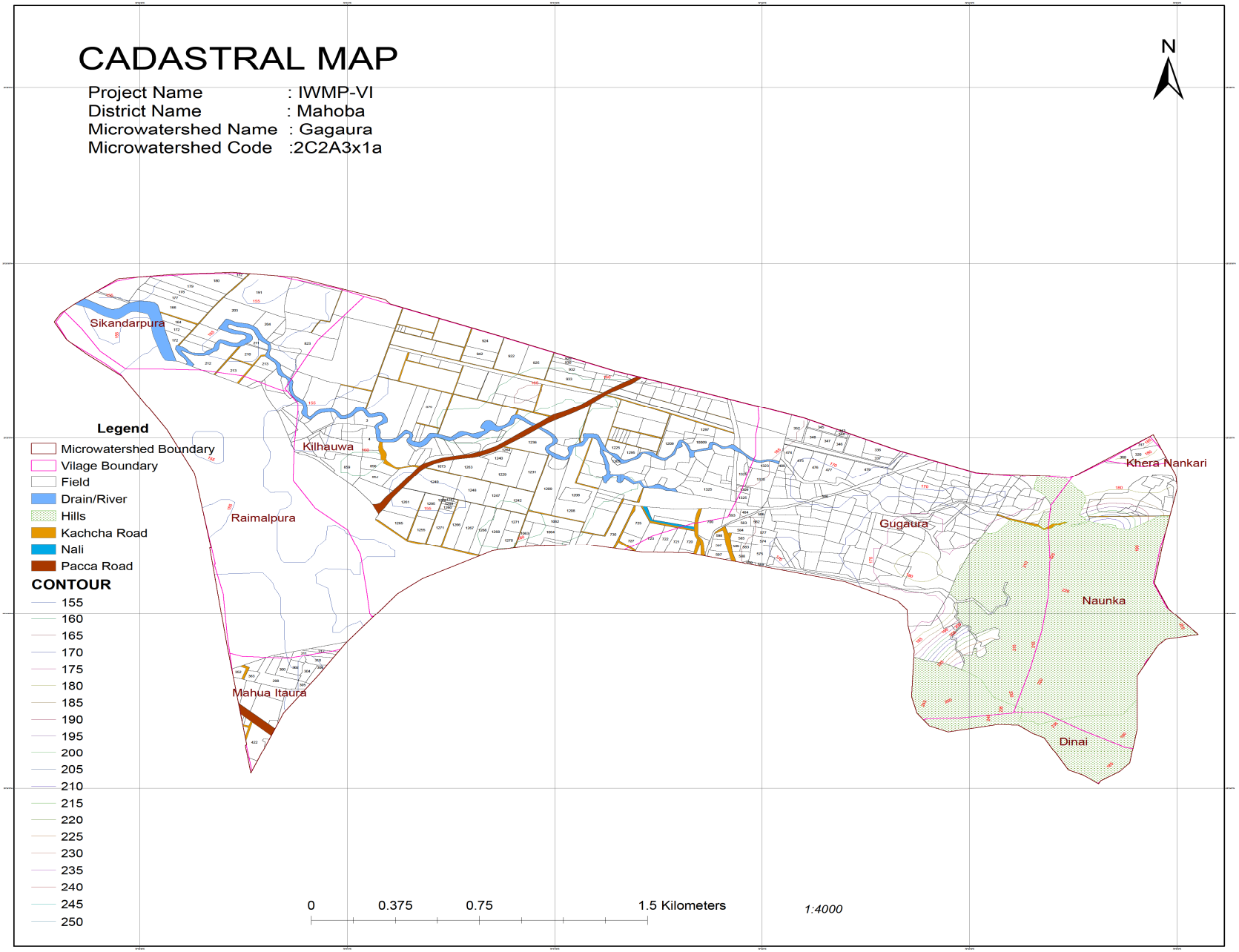
CONTOUR

- 160
- 165
- 170
- 175
- 180
- 185
- 190
- 1785

0 0.4 0.8 1.6 Kilometers

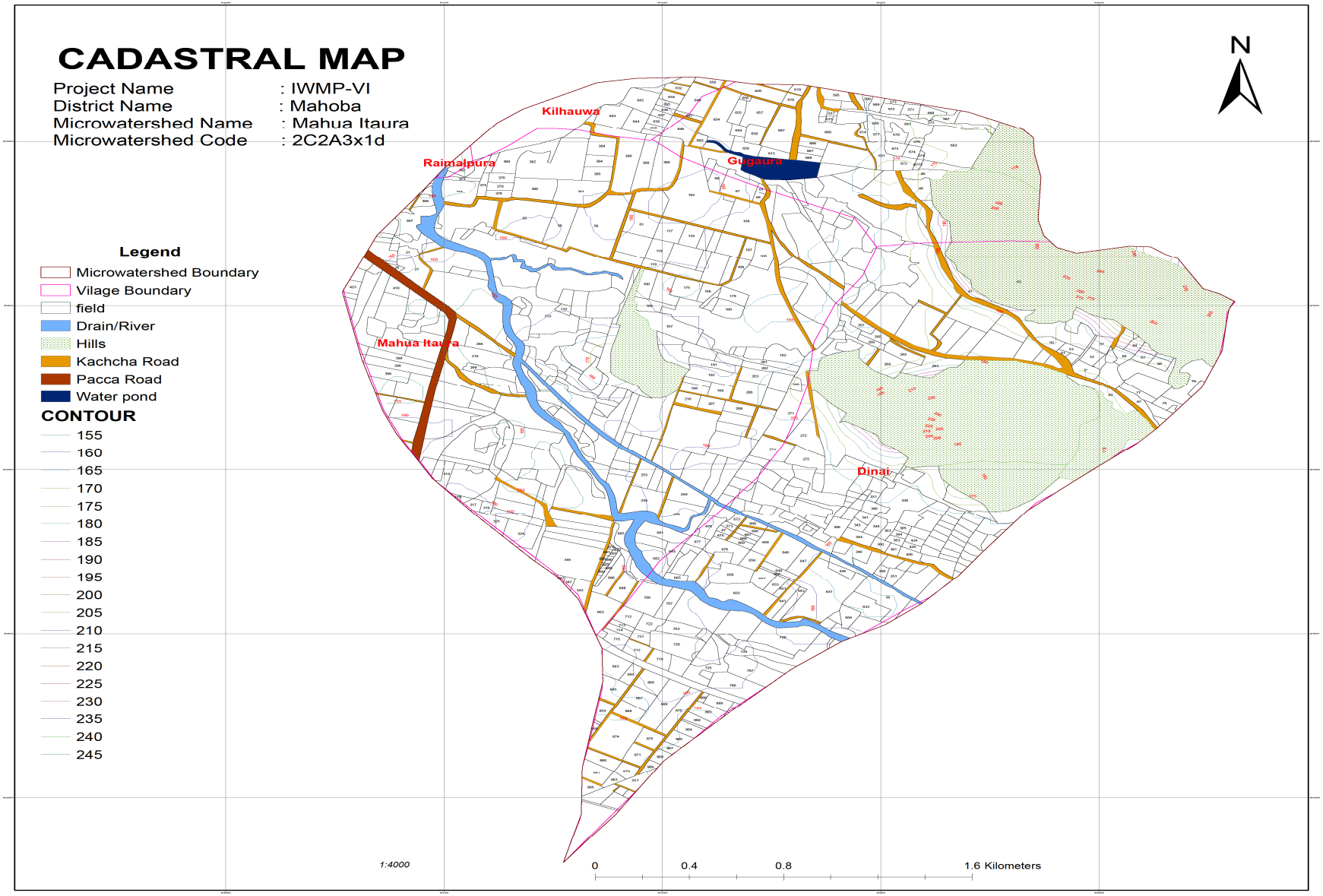
1:4000

N


CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Gagaura
Microwatershed Code :2C2A3x1a
N
Sikandarpura
Kilhauwa
Raimalpura
Mahua Itaura
Gugaura
Khera Nankari
Naunka
Dinai
Legend
Microwatershed Boundary
Vilage Boundary
Field
Drain/River
Hills
Kachcha Road
Nali
Pacca Road
CONTOUR
155
160
165
170
175
180
185
190
195
200
205
210
215
220
225
230
235
240
245
250
0
0.375
0.75
1.5 Kilometers
1:4000

CADASTRAL MAP

Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Mahua Itaura
Microwatershed Code : 2C2A3x1d

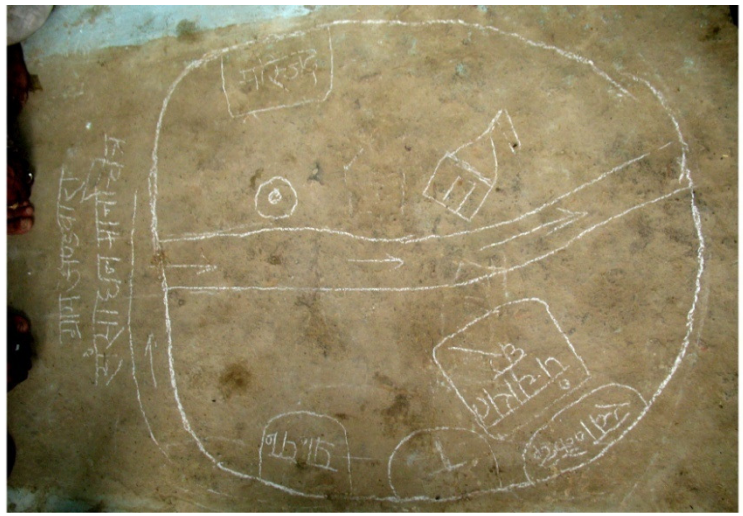


PHOTOGRAPHS OF P.R.A.

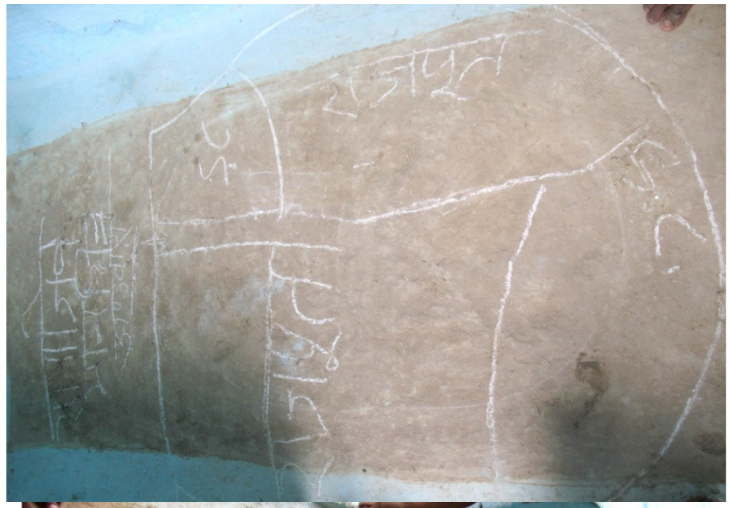

30 Km.

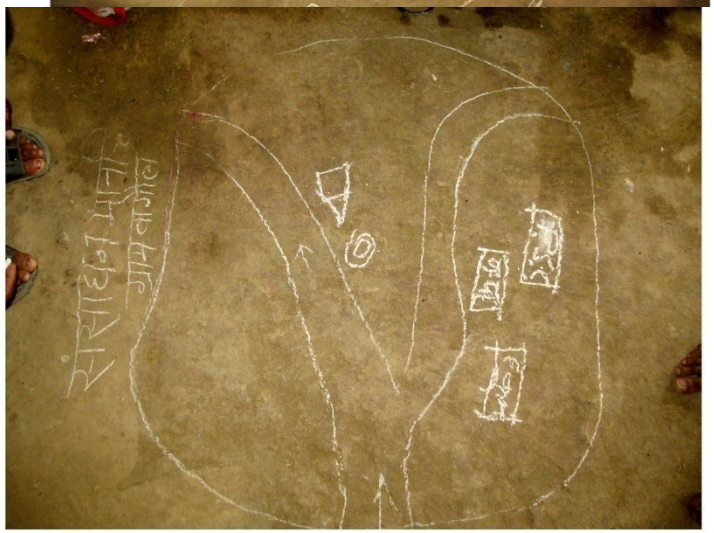

30 Km.
6 Km.

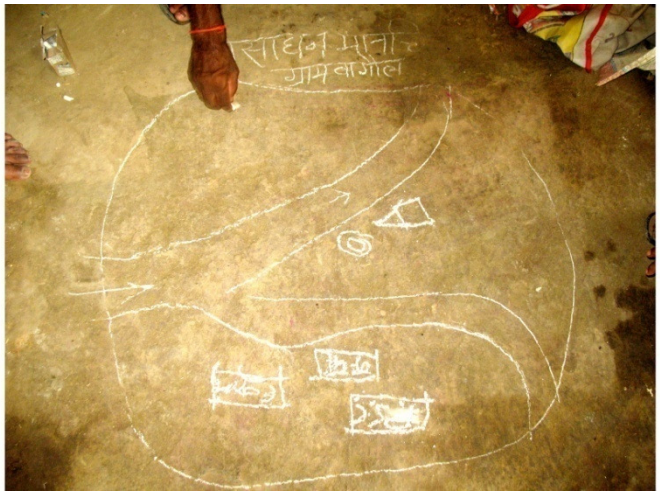

6 Km.
30 Km.



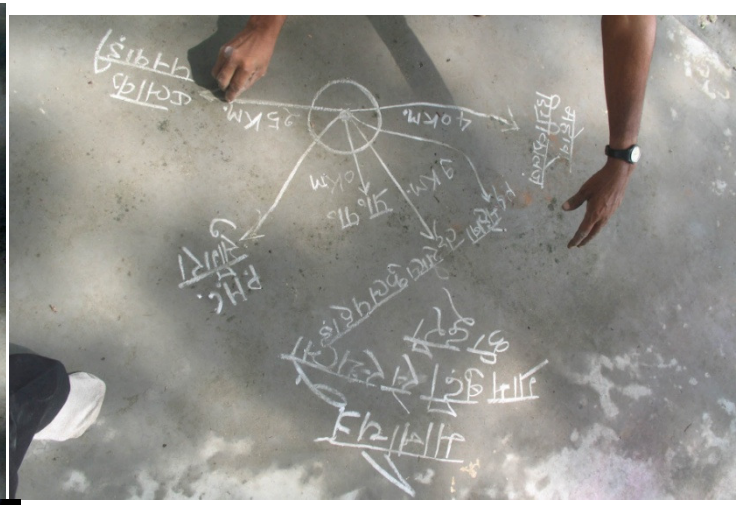




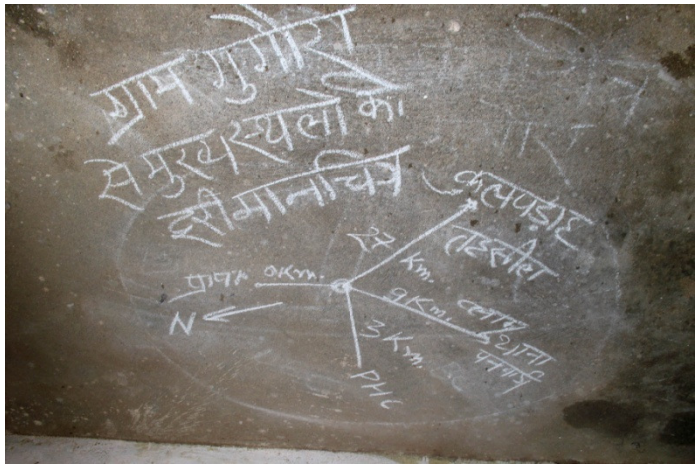


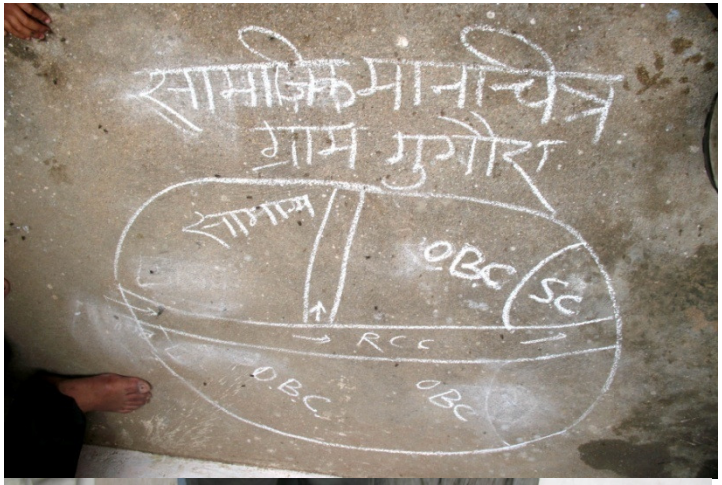

मानचित्र
ग्राम बुढ़ी से स्थानों की दूरी
PHC.
3KM.
6KM.
25KM.
40KM.
ब्लाक
पनवाड़ी

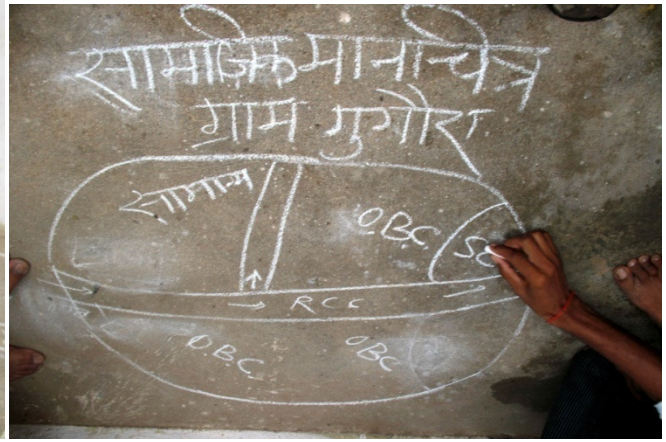


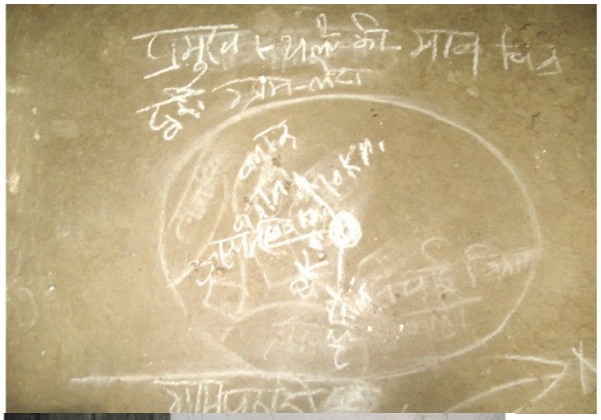

ग्रामवृद्धी
सामाजिकमानचित्र
O, B, C,
सामान्य
O, B, C
SC

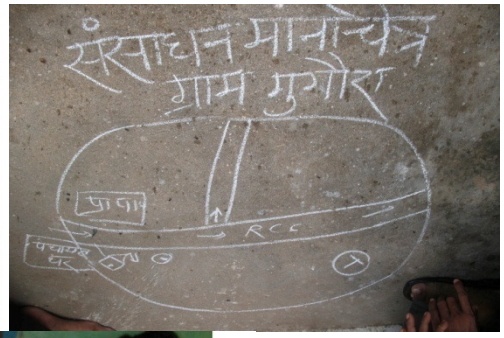

ग्रामबुढो
साधनमानचित्र
स्कुल
सडक

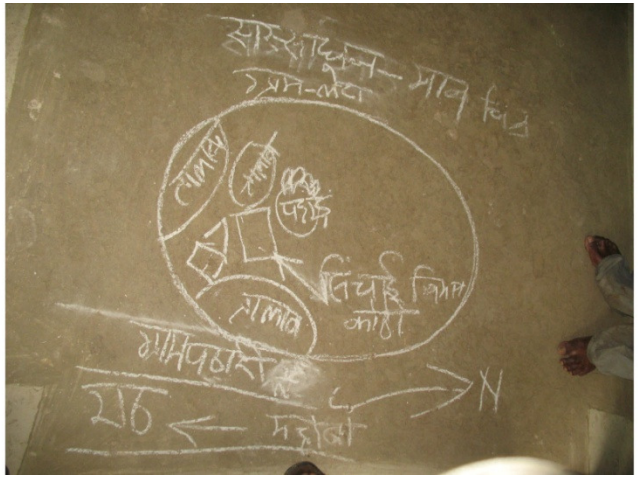

ग्राम गुंगेरा
समुदायस्थलों का
सीमानचित्र
N
3 Km.

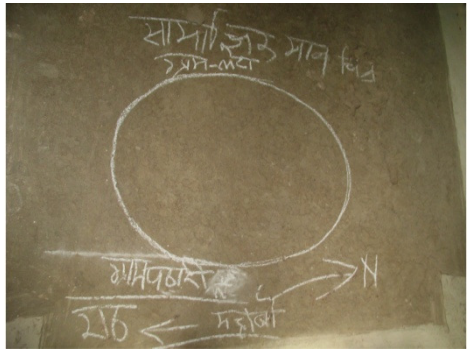

सामाजिकमानचित्र
ग्राम गुगोरा
OBC
SC
RCC
OBC
OBC

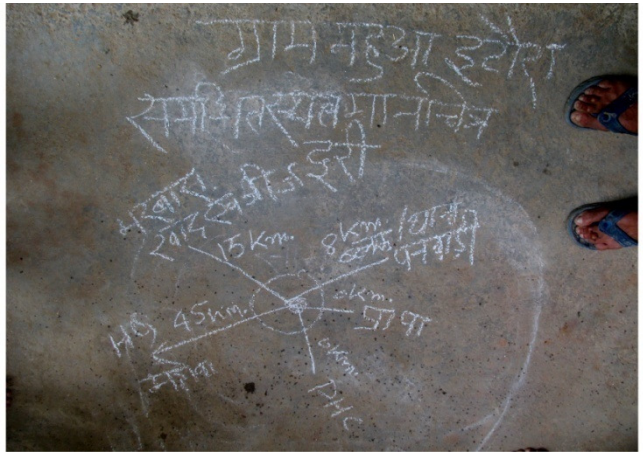

सामाजिकमानचित्र
ग्राम गुगोरा
OBC
SC
RCC
OBC
OBC

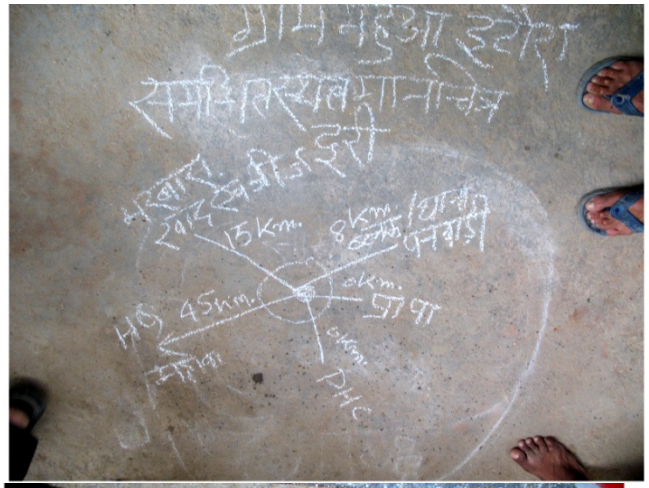



संसाधन मानचित्र
ग्राम गुगौरा





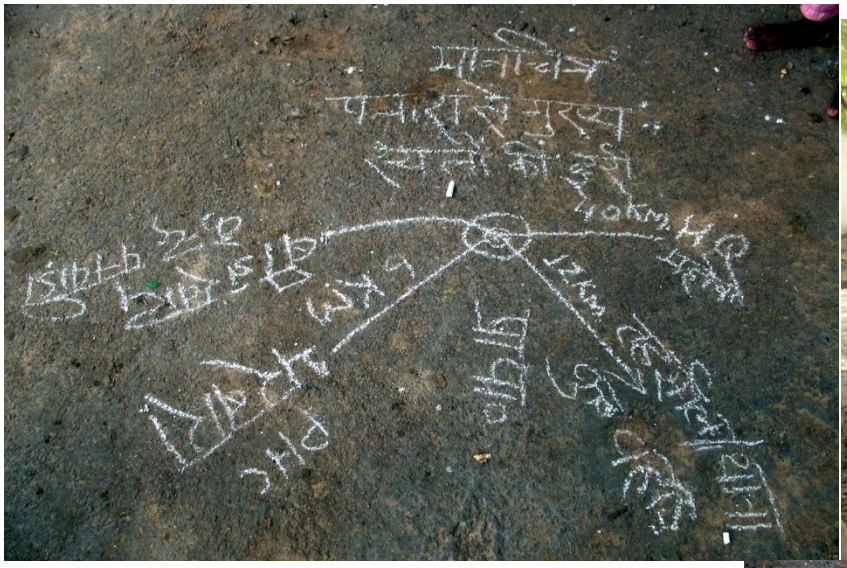

ग्राम नहुआ डेरा
15Km.
8km.
45km.
PHC


ग्राम नहुआ टोरा
सामाजिक मानचित्र
टोरा
15 km.
8 km.
45 km.
5 km.
5 km.
PHC


OBC
OBC
OBC

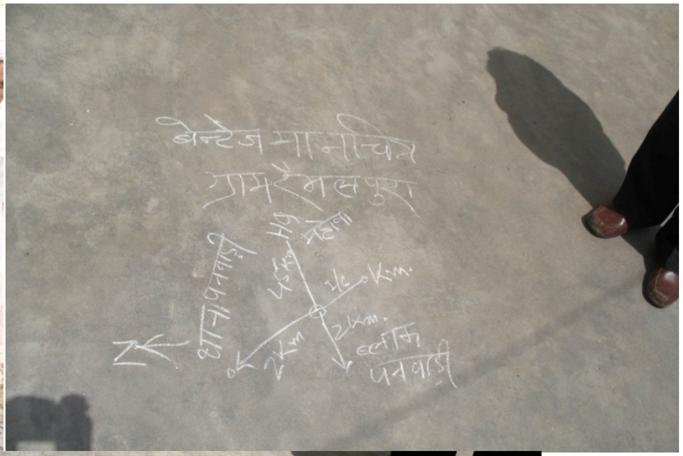

ग्राम नहुआ टोरा
सामाजिक मानचित्र
OBC
OBC
OBC


40km. HQ
12km




OBC
OBC
OBC
सामान्य
OBC

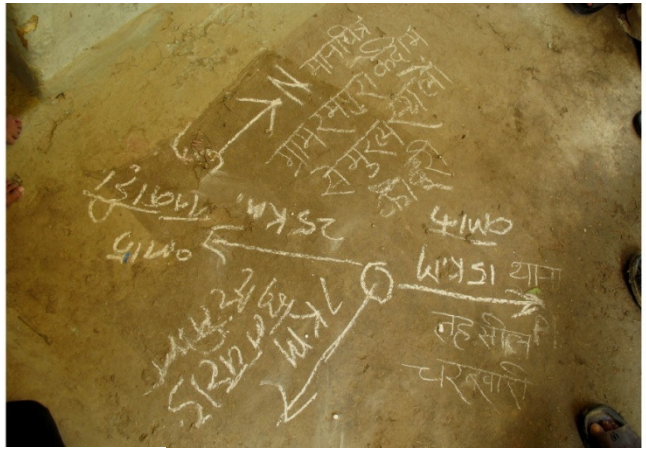

ग्राम पवारा



मानचित्र
Km.

सामाजिक मानचित्र
PHC

संसाधन मानचित्र
PHC

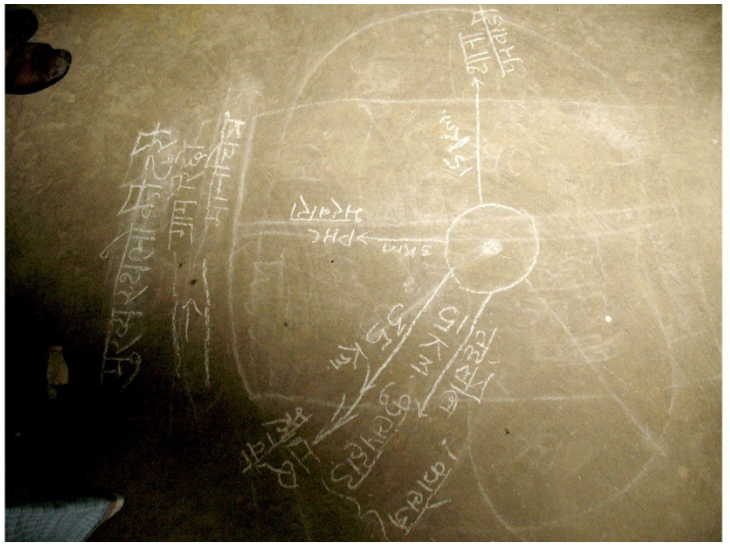



O.B.C
O.B.C
SC

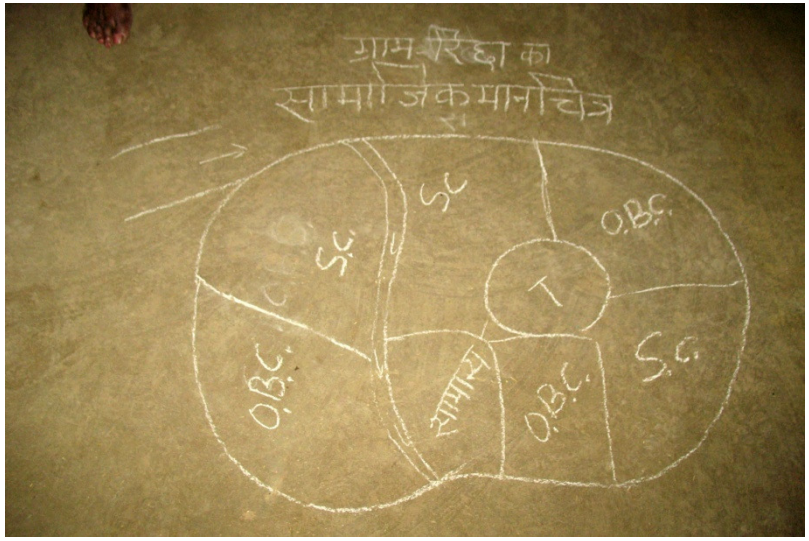

शुभागमन


शुभागमन


मुख्यस्थलो कोटरो
गाम रेखो
मानचित्र
PHC
अस्पताल
थाना
पसवाड़ो


PHC
अस्पताल

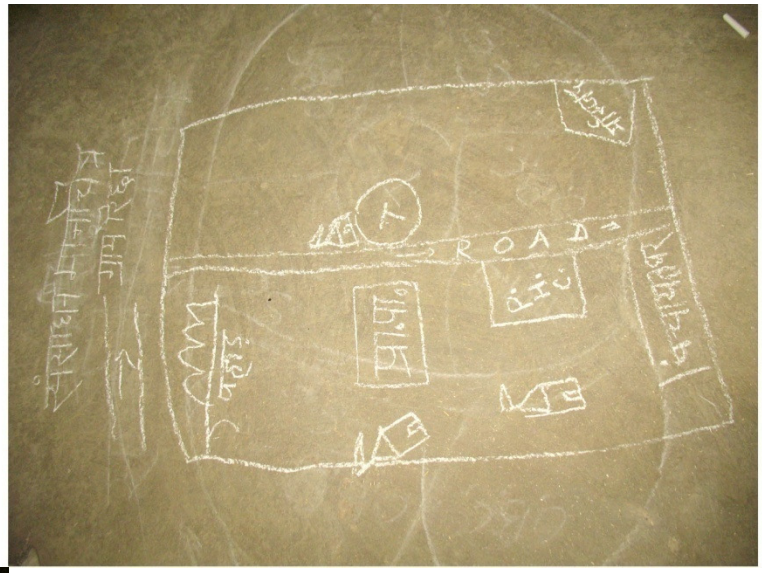

ROAD
T


ग्राम रेखा का
सामाजिक मानचित्र
SC
SC
OBC
T
OBC
SC
सामान्य
OBC


ग्राम रेखा का
सामाजिक मानचित्र
S.C.
S.C.
O.B.C.
T
O.B.C.
O.B.C.
S.C.
रामास


शभागमन


मुख्यस्थलो कोटरो
ग्राम रेखा
मानचित्र
थाना
पुलवाडे


ROAD

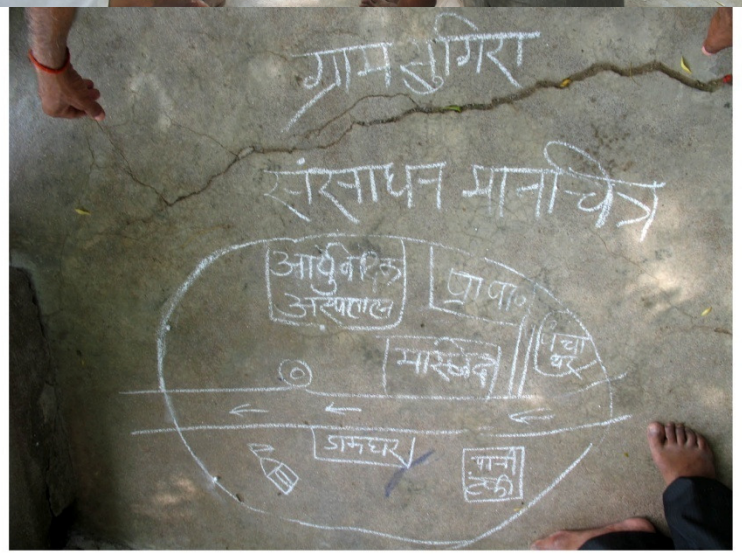

ग्राम रेखा का
सामाजिक मानचित्र
S.C.
S.C.
O.B.C.
O.B.C.
O.B.C.
S.C.


ग्राम रेखा का
सामाजिक मानचित्र
S.C.
S.C.
O.B.C.
T
O.B.C.
S.C.
O.B.C.


ग्राम रेखा का
सामाजिक मानचित्र
S.C.
S.C.
O.B.C.
T
O.B.C.
S.C.
O.B.C.


कुलपहाड
I/C/थाना/तहसील
महेवा
15 Km.
I/C
0 Km.


ग्रामगिरा
सामाजिक मानचित्र
O.B.C
अल्पसंख्यक
अल्पसंख्यक
S.C.
सामान्य


ग्राम सुगिरा
संसाधन मानचित्र
आयुर्वेदिक अस्पताल
प्राथ०
मार्केट
पंचा यत
डाकघर
पानी टंकी


विजयपुर ग्राम से
ग्राम्य-धातखला की
दूरी मानचित्र
0 KM.
0 KM.
20Km
40 Km.
19 Km.
25 km.
19 Km.
HQ महुवा
डिग्री कालेज
अस्पताल
शाला फल पहाड़
पनवाड़ी
ब्लाक H.Q.


0 KM.
0 KM.
20Km
40 Km.
19 Km.
25 km.
19 Km.
HQ महुवा
डिग्री कालेज
अस्पताल
शाला फल पहाड़
पनवाड़ी
ब्लाक H.Q.


RESOURCE MAP
POND
मंदिर


RESOURCE MAP
POND
मंदिर


RESOURCE MAP
मंदिर

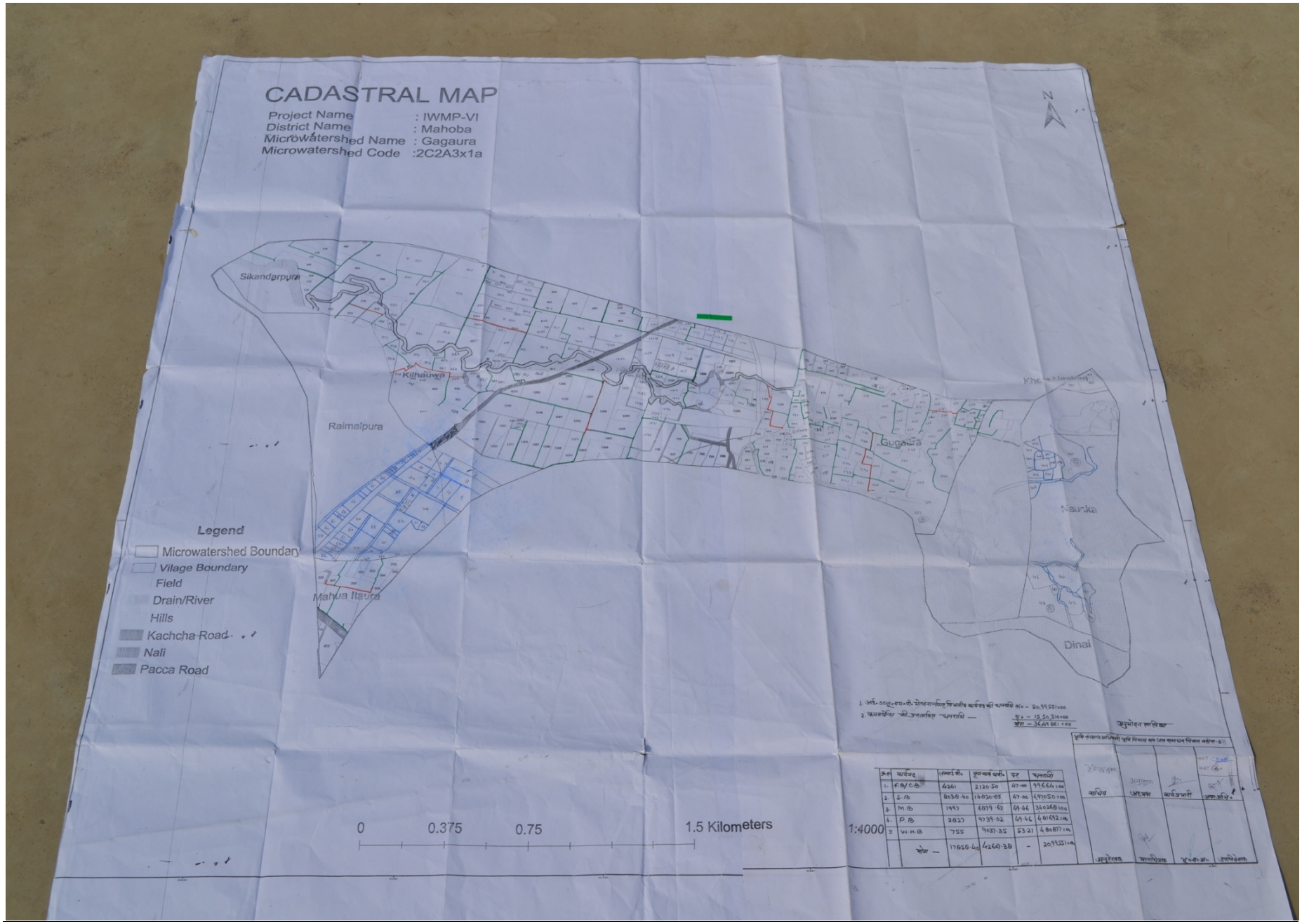

POND
मंदिर


RESOURCE MAP
POND
मन्दिर

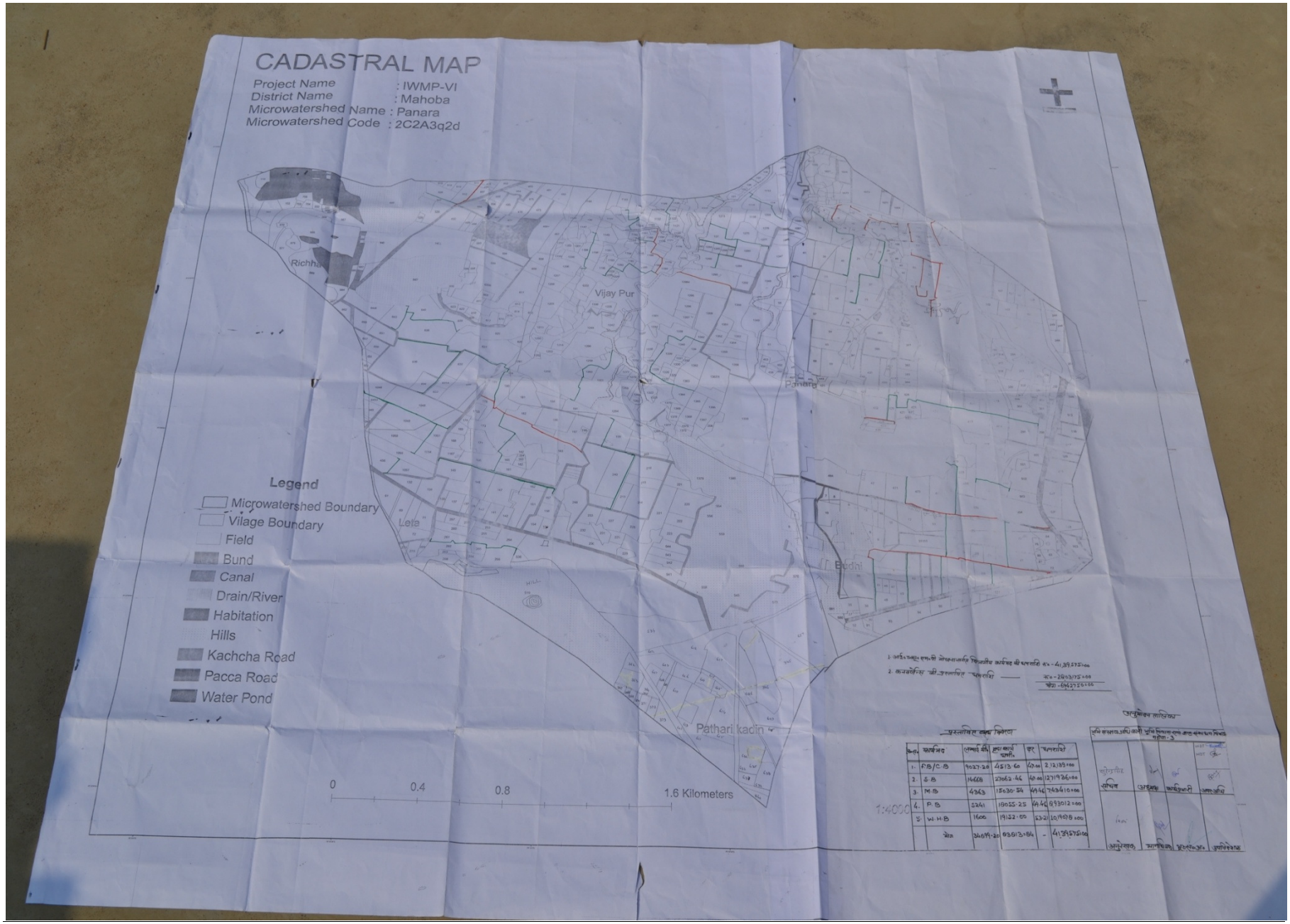

SOCIAL MAP
SC
OBC
GENERAL
SC
OBC

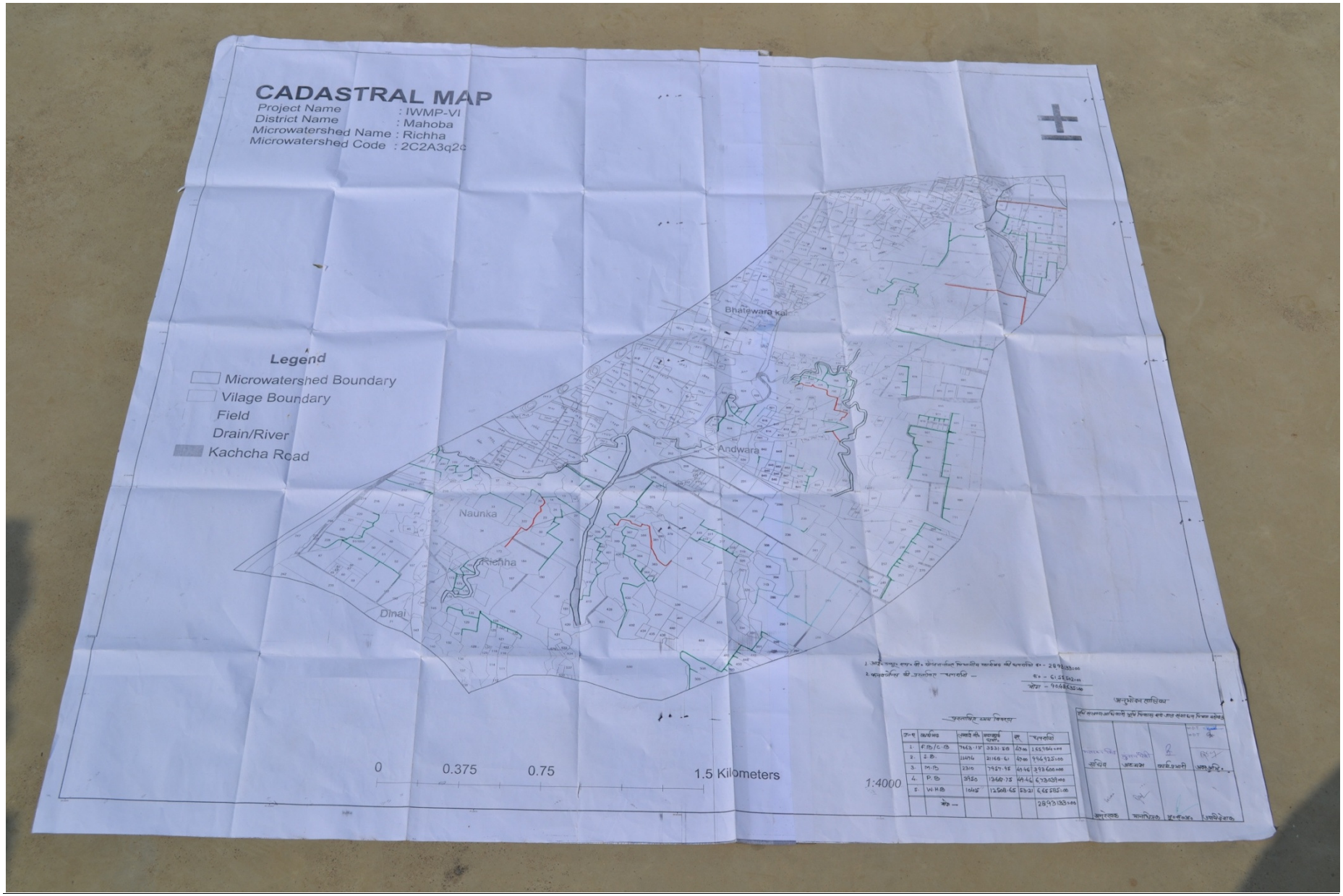

SOCIAL MAP
SC
OBC
GENERAL
OBC
SC


CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Mahua Itaura
Microwatershed Code : 2C2A3x1d
N
Legend
Microwatershed Boundary
Vilage Boundary
field
Drain/River
Hills
Kachcha Road
Pacca Road
Water pond
1:4000
0
0.4
0.8
1.6 Kilometers

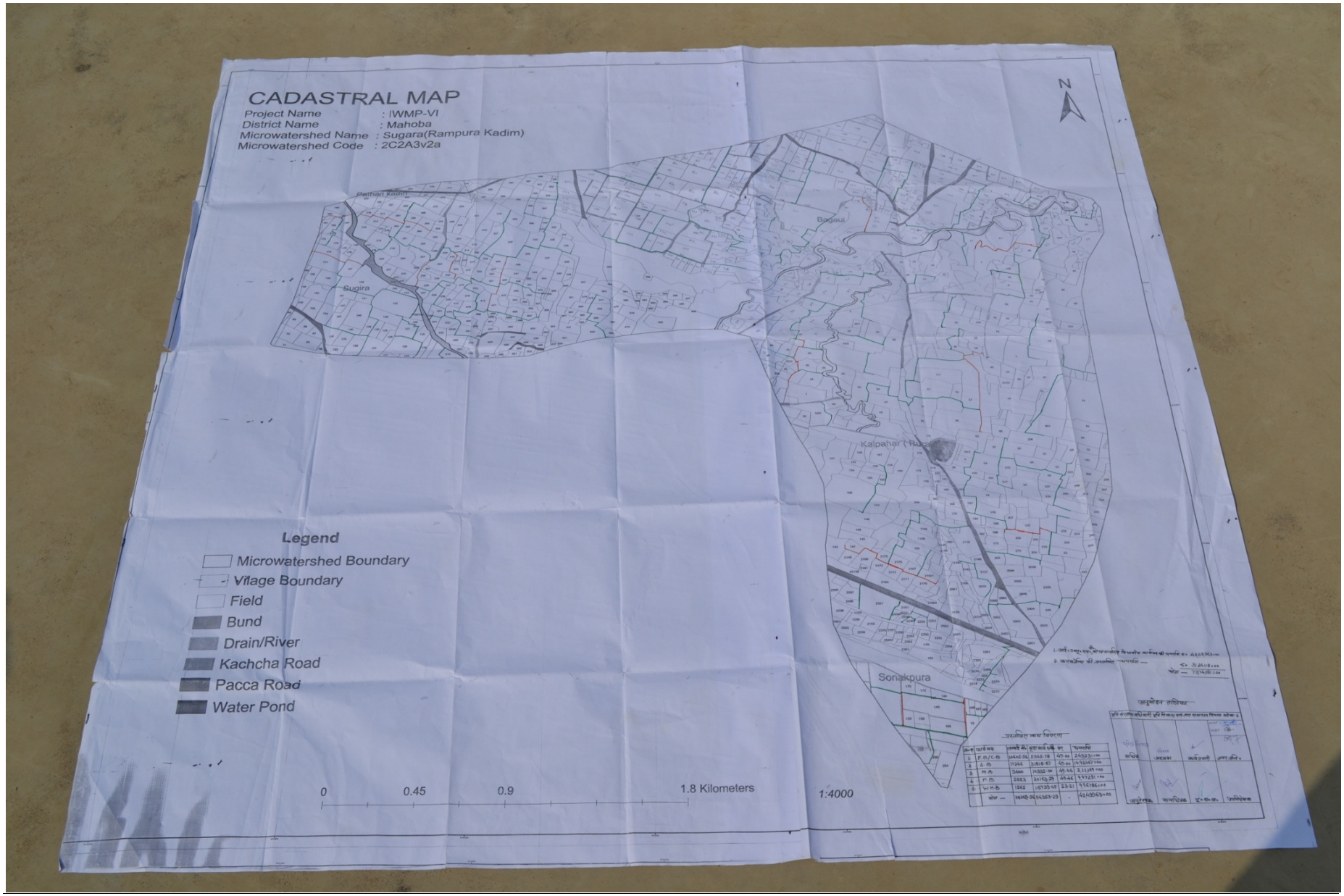

CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Gagaura
Microwatershed Code :2C2A3x1a
Sikandarpura
Kithauwa
Raimalpura
Gugaura
Naurika
Dinai
Mahua Itaura
Legend
Microwatershed Boundary
Vilage Boundary
Field
Drain/River
Hills
Kachcha Road
Nali
Pacca Road
0
0.375
0.75
1.5 Kilometers
1:4000


CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Vijaypur Andwara
Microwatershed Code : 2C2A3q2e
Legend
Microwatershed Boundary
Vilage Boundary
Field
Canal
Drain/River
Habitation
Kachcha Road
Pacca Road
Water Pond
Andwara
Vijay Pur
Pahara
0
0.375
0.75
1.5 Kilometers
1:4000


CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Panara
Microwatershed Code : 2C2A3q2d
Richha
Vijay Pur
Panara
Lete
Baldni
Pathari kadin
Legend
Microwatershed Boundary
Vilage Boundary
Field
Bund
Canal
Drain/River
Habitation
Hills
Kachcha Road
Pacca Road
Water Pond
0
0.4
0.8
1.6 Kilometers
1:4000


CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Richha
Microwatershed Code : 2C2A3q2c
Legend
Microwatershed Boundary
Vilage Boundary
Field
Drain/River
Kachcha Road
Bhatewara Kal
Andwara
Naunka
Richha
Dinai
0
0.375
0.75
1.5 Kilometers
1:4000


CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Bagaul
Microwatershed Code : 2C2A3w2c
N
Panara
Gorkha
Budhi
Pathari kadin
Bagaul
Legend
Microwatershed Boundary
Vilage Boundary
field
Bund
Canal
Drain/River
Habitation
Kachcha Road
Nali
Pacca Road
0
0.4
0.8
1.6 Kilometers
1:4000


CADASTRAL MAP
Project Name : IWMP-VI
District Name : Mahoba
Microwatershed Name : Sugara(Rampura Kadim)
Microwatershed Code : 2C2A3v2a
N
Pathari Kalan
Sugira
Bagaul
Kalpahar (Rura
Sonakpura
Legend
Microwatershed Boundary
Village Boundary
Field
Bund
Drain/River
Kachcha Road
Pacca Road
Water Pond
0
0.45
0.9
1.8 Kilometers
1:4000