

**RURAL DEVELOPMENT
AND
PANCHAYATI RAJ DEPARTMENT
WATERSHED DEVELOPMENT
AND
SOIL CONSERVATION**

Detailed Project Report

: SCHEME :

***Integrated Watershed
Management Programme***

WATERSHED	-	DAULATPURA-GOTHRA 4/10-11
MACRO/ MICRO NO.	-	11/10, 11, 12, 14,16,13/2
PROJECT AREA	-	5718 HA.
TREATABLE AREA	-	4438 HA.
ESTIMATED COST	-	532.56 Lacs
SANCTION YEAR	-	2010-11
PROJECT PERIOD	-	2010-11 TO 2016-17
PANCHAYAT SAMITI	-	KHANDAR
DISTRICT	-	SAWAI MADHOPUR

* PRESENTED BY *

PROJECT IMPLEMENTING AGENCY
INTIGRATED WATERSHED MANAGEMENT PROGRAMME
PANCHAYAT SAMITI KHANDAR, DISTT, SAWAI MADHOPUR (RAJ.)

CHAPTER- I

INTRODUCTION

Location.

S.Madhapur 4/10-11 Project is located in Khandar Block of SWM district. The project area is between the latitudes 26 degree 18' to 26 degree 22' & longitudes. It is at a distance of 60 km from its Block head quarters and 40 Kms from the district head quarters. There are 13 no. of habitations in the Project area and other details are given below.

General features of watershed

S.No.	Name of Project(as per GOI)	S.Madhapur 4/10-11
(a)	Name of Catchment	S.Madhapur 4/10-11
(b)	Name of watershed area (local name)	Doltpura goathra
©	Project Area	5718 Ha
(d)	Forest Area	1280 Ha
e)	Net treatable Area	4438 Ha
f)	Cost of Project	532.56 lacs
g)	Cost/hectare	12000/-
h)	Year of Sanction	2010-11
i)	Watershed Code	-
j)	No. of Gram Panchayats in project area	04
k)	No. of villages in project area	13
l)	Type of Project	Desert/other
m)	Elevation (metres)	38 Meter
n)	Major streams	Chambal river
(o)	Slope range (%)	1% to 4%

Macro/micro	Name of Gram Panchayat	Name of Villages Covered	Census code of villages	Area
11/10	Maikalan	sawalpur	01337700	298.00
11/11	Maikalan	maikalan	01334800	60.00
		Mai khurd	01334900	145.00
11/16	Gandawar	bohna	01338000	245.00
		binjari	01338100	105.00
11/14	Gandawar	Gandawar	01338200	890.00
13/02	Gandawar	piplada	01338300	1151.00
	barnawada	barod	01338400	258.00
	gothra	gothra	01334700	842.00
		kamokhri	01334600	20.00
		mukhandpura	01334500	09.00
11/12	gothra	rawara	01334000	185.00
		jaishingpura	01334200	205.00
		ishapura	01334300	15.00
		chakishapura	01334400	10.00

The watershed falls in Agroclimatic Zone 3-B The soil texture is Clayloam The average rainfall is 40 cm . The temperatures in the area are in the range between 40-45 centigrade during summer and 10-20 centigrade during winter. The major crops in the area are Mustard , Wheat, Bajra , & Gram 90.85% land is under cultivation 9.70% land fallow, 1.96% land is wasteland. 36.75% land is irrigated through Tubwells . 315 No of households are BPL(15.96% households) 463 are landless households(23.71% households) and 1230 household are small and marginal farmers(54.61 %household) .Average land holding in the area is 2.94 ha. 63.27% area is single cropped area and 36.72% is double cropped. The main source of irrigation is Tubwells The average annual rainfall (5 years) in the area is 420.2 mm. The Major streams in the Watershed are CHAMBAL RIVER. The major festivals in the village are DIPAWALI, DESHARA & GANESH POOJA . At present the villages of W/S having 13315 population with Communities like Meena,gurjar, bairwa and muslim. all datas are on the basis of Baseline survey enclosed at annexure-1.

Village wise Area Covered by Different Gram Panchayat

S.No.	Gram Panchayat		village	Area	Area for treatment
1	Maikalan	1	sawalpur	298	298.00
		2	Maikalan	360	60.00
		3	Mai khur	210	145.00
			Total	868	503.00
2	Gandawar	1	bohna	245	245.00
		2	binjari	105	105.00
		3	Gandawar	890	890.00
		4	piplada	1151	1151.00
			Total	2391	2391.00
3	gothra	1	gothra	842	842.00
		2	kamokhri	20	20.00
		3	mukhandpura	09	09.00
		4	rawara	504	185.00
		5	jaishingpura	522	205.00
		6	ishapura	154	15.00
		7	chakishapura	150	10.00
			Total	2201	1286
4	barnawada	1	barod	258	258.00
			Total	258	258.00
			Total	5718	4438.00

PRESENT LAND USE												
S. No.	Name of W/S	Village	Effective Area (ha.)	Govt. land/Non Arable Land				Private Land / Arable Land			Grand Total (A+B)	Area available for treatment
				Forest land (ha.)	Pasture Land (ha.)	Govt. Land (ha.)	Total (ha.)	Irrigated Land (ha.)	Unirrigated Land (ha.)	Total (ha.)		
1	Maikalan	sawalpur	298			39	39	64.75	194.25	259		298
		maikalan	360	300		15	15	11.25	33.75	45		60
		Mai khurd	210	65		20	20	31.25	93.75	125		145
2	Gandawar	bohna	245			28	28	54.25	162.75	217		245
		binjari	105			10	10	23.75	71.25	95		105
		Gandawar	890		20	70	70	200	600	800		890
		piplada	1151			151	151	250	750	1000		1151
3	barnawada	barod	258			58	58	50	150	200		258
4	gothra	gothra	842		160	82	82	150	450	600		842
		kamokhri	20			5	5	3.75	11.25	15		20
		mukhandpura	9			2	2	1.75	5.25	7		9
		rawara	504	319		25	25	40	120	160		185
		jaishingpura	522	317		15	15	47.50	142.50	190		205
		ishapura	154	139		5	5	2.50	7.50	10		15
		chakishapura	150	140		2	2	2	6	8		10
		Total	5718	1280	180	527	527	932.75	2798.25	3731		4438

Climatic and Hydrological information

1	Average Annual Rainfall(mm)		
	Year	Average Annual Rainfall(mm)	
1	2000-2001	472	
2	2001-2002	483	
3	2002-2003	124	
4	2003-2004	421	
5	2004-2005	423	
6	2005-2006	327	
7	2006-2007	284	
8	2007-2008	524	
9	2008-2009	387	
10	2009-2010	567	
2	Average Monthly rainfall (last ten years)		
	Month	Rainfall(mm)	
i)	June	45.8	
ii)	July	135.90	
iii)	August	119.50	
iv)	September	42	
3	Maximum rainfall intensity (mm)		
	Duration	rainfall intensity(mm)	
	i) 15 minute duration	65 mm	
	ii) 30 minute duration	72 mm	
	iii) 60 minute duration	100 mm	
4	Temperature (Degree C)		
	Season	Max	Min
	i) Summer Season	45	40
	ii) Winter Season	30	7
	iii) Rainy Season	35	25
5	Potential Evaporation Transpiration (PET) (mm/day)		
	Season	PET	
	i) Summer	8	
	ii) Winter	1	
	iii) Rainy	0.50	
6	Runoff		
	i) Peak Rate (cum/hr)	609.875	
	ii) Total run off volume of rainy season (ha.m.)	2500	
	iii) Time of return of maximum flood	5 years	10 years
	iv) Periodicity of Drought in village area	-	yes
			In-Year
			2003-07

Other Development Schemes in the project area

S.No	Scheme	Name of the department	Key interventions under the Scheme	Targeted Beneficiaries	Provisions under the Scheme
1	NERGA	R.D.	N.R.M.	SC,ST,BPL	-
2	BRGF	P.R.I.	COMMUNITY	INHAVITANT	-
3	IAY	R.D	N.R.M	SC,ST,BPL	-

Details of infrastructure in the project areas

(As per Baseline Survey Annexure-I)

Parameters		Status			
(i)	No. of villages connected to the main road by an all-weather road	11			
(ii)	No. of villages provided with electricity	12			
(iii)	No. of households without access to drinking water	-			
(iv)	No. of educational institutions :	(P)	(S)	(HS)	(VI)
	Primary(P)/ Secondary(S)/ Higher Secondary(HS)/ vocational institution(VI)	13	1	0	0
(v)	No. of villages with access to Primary Health Centre	4			
(vi)	No. of villages with access to Veterinary Dispensary	1			
(vii)	No. of villages with access to Post Office	3			
(viii)	No. of villages with access to Banks	1			
(ix)	No. of villages with access to Markets/ mandis	-			
(x)	No. of villages with access to Agro-industries	-			
(xi)	Total quantity of surplus milk	-			
(xii)	No. of milk collection centres	(U)	(S)	(PA)	(O)
	(e.g. Union(U)/ Society(S)/ Private agency(PA)/ others (O))	4	-	-	-
(xiii)	No. of villages with access to Anganwadi Centre	13			
(xiv)	Any other facilities with no. of villages (please specify)	-			
(xv)	Nearest KVK		Karmoda		
(xvi)	cooperative society		1		
(xvii)	NGOs		-		
(xviii)	Credit institutions		-		
	(i) Bank		-		
	(ii) Cooperative Society		2		
(xix)	Agro Service Centre's				

Institutional arrangements (SLNA,DWDU,PIA,WDT,WC, Secretary)

DWDU Details

1	2	3
S.No	Particulars	Details of DWDU
1.	PM ,DWDU	Sh. C.P. Goyal
2.	Address with contact no., website	Z.P. SWM 9414297033
3.	Telephone	07462-220486
4.	Fax	-
5.	E-mail	Dwdu.s.madhopur@gmail.com

PIA particulars

1	2	3
S.No	Particulars	Details of PIA
6.	Name of PIA	P.L. Bansiwai
7.	Designation	Aen. P.S. Khandar
8.	Address with contact no., website	P.S. Khandar 9828549008
9.	Telephone	-
10	Fax	-
11	E-mail	-

WDT Particulars:

1	2	3	4	5	6	7	8
S.No	Name of WDT member	M/F	Age	Qualification	Experience in watershed(Yrs)	Description of professional training	Role/ Function
1	Sanjay kumar varma	M	28	B.Sc. (Ag.)	1year		WDT Agriculture
2	Laxmi chand mahavar	M	25	LSA			WDT Vatanary
3	Devendra mathuriya	m	29	B.A Sociology	4year		WDT Social
4							

Details of Watershed Committees (WC)

S. N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy)	Designation	Name	M/F	SC/ST/OBC/General	Landless/MF/SF/BF	Name of UG/SHG	Educational qualification
1.	maik halan	25-7-11		President	Girraj jat	M	OBC		UG	8th
				Secretary	Chandra prakesh	M	OBC		UG	B.A.
				Member	Ramratan	M	OBC		SHG	8th
					vimla	F	OBC		UG	5th
					Radhashyam jat	M	OBC		UG	8th
					Chotu jat	M	OBC		UG	5th
					Ramnatha bairwa	M	SC		UG	7th
					Rathna bairwa	M	SC		UG	8th
					Sampatti	F	OBC		SHG	5 TH
					Ghanshyam jat	M	OBC	LL	UG	8 TH



जल ग्रहण कमेटी चुनाव

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1.	Gandawar	03.8.11		President	Shnbhu meena	M	ST		UG	5th
				Secretary	Kamlesh meena	M	ST		UG	B.A.
				Member	Ramesh	M	ST		UG	8th
					Ramdhyal	M	OBC		UG	8th
					Ramrashiya	F	ST		SHG	5th
					Mahaveer	M	ST		UG	5th
					Ramcharan	M	ST		UG	8th
					Jagdish	M	OBC		UG	8th
					Babu	M	ST	LL	UG	8th
					Gyatri	F	ST		SHG	5 TH
					Ajodaya	F	ST		SHG	5 TH



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Details of Watershed Committees (WC)

S. N.	Name of WCs	Date of Gram Sabha for WC	Date of Registration as a Society (dd/mm/yyyy)	Designation	Name	M/F	SC/ST/OBC/General	Landless/MF/SF/BF	Name of UG/SHG	Educational qualification
1.	Barnavda	27-7-2011		President	Gopal mathurya	M	GEN		UG	10th
				Secretary	Ghyanshyam bairawa	M	SC		UG	BA
				Member	Radhayshyam	M	SC		UG	8 th
					Radhamohan	M	ST		UG	5th
					Shanti devi	F	SC		SHG	5th
					Parashram meena	M	ST		UG	5th
					Narayan meena	M	ST		UG	5th
					Kailash	M	SC		UG	5th
					Mansaram	M	ST		UG	8 th
					Gopal	M	OBC	LL	UG	8 th
					Bagchand marora	M	SC		WDT	B.SC



जल ग्रहण कमेटी चुनाव

Problems and scope of improvement in the project area

The socio economic conditions of the area can be improved through increased production which can be achieved through expansion in cultivated area and productivity enhancement. 5718 ha land is arable wasteland and 527.00 ha is fallow can be brought under cultivation.

932.75 ha is only irrigated and with efforts this can be increased to 2000 ha. **The productivity gap of major crops in the area as compared with district and with areas in the same agro climatic zones indicate potential to increase the productivity. The demonstration of improved package of practices, improved varieties, increased irrigation facilities and soil conservation measures under the project can bridge this gap. Due to small land holdings in the area focus of the project would be on diversification in agriculture (horticulture, vegetables, green houses, Agro forestry, fodder crops)and diversification in Livelihoods(Agriculture, Animal husbandry, self employment)**

500 Quintal fodder scarcity can be met out through Pasture development .Improved animal Husbandry practices can increase the productivity of livestock. 1603 no of persons migrate due to Unemployment this migration can be checked through creation of employment opportunities in the project area through increase in production and diversification **in agriculture and Livelihoods as mentioned above.**

Mention specific problem of the area in land degradation, water , Agriculture and in Animal Husbandry

This area mainly specific causes land degradation are soil erosion are maximum. Mainly our project area clay loam soil found. This area presently condition of soil slope are more project area are affected by Chambal river water, agriculture and animal husbandry are affected. By atmosprice condition. The almosprice in season of maximum temp. & maximum winter season. This season causes minimum rainy season our project area area minimum rainy water available for agriculture crops minimum rainy water available causes affected are animal husbandry & agriculture.

Junior Engineer
I.W.M.P.
P.Samiti Khandar (SWM)

Assistant Engineer
I.W.M.P.
P.Samiti Khandar (SWM)

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CHAPTER – II**Socio economic Features, Problems and Scope****Table 2.1 Population & Household Details:** (As per baseline survey, annexure-I)

Total Population				
Male	Female	Total	SC	ST
7800	6307	13315	2900	2314

Household Details						
BPL household	L. Less	Small Farmer	M. Farmer	Total household	SC household	ST household
315	463	575	655	2348	406	316

Table 2.2 Development indicators

S. No.	Development Indicators	State	Project Area
1	Per capita income (Rs.)	16260	8750
2	Poverty ratio	0.22	16.22
3	Literacy (%)	0.604	62%
4	Sex Ratio	921	918
5	infant mortality rate	63	42.89
6	maternal mortality ratio	383	10

The table indicates poor socio economic conditions.

Table 2.3 Land Use

Land Use	Total area in Ha.				
	Private	Panchayat	Government	Community	Total
Agriculture Land	3731.00	-	-	-	3731
Temporary fallow	-	-	-	-	60.00
Permanent Fallow	-	-	-	-	140.50
Cultivated Rainfed	2798.25	-	-	-	2798.25
Cultivated irrigated	932.75	-	-	-	932.75
Net Sown Area	1363.18	-	-	-	1363.18
Net Area sown more than once	623.32	-	-	-	623.82
Forest Land	-	-	1280	-	1280
Waste Land	-	-	527	-	527
Pastures	-	-	180	-	180
Others	-	-	-	-	-
Total	5718.00		1987.00	0.00	7905.50

The project area has 4438.00 ha of cultivable wasteland . 527.00 ha of fallow land can be brought under cultivation if some irrigation source can be provided through Construction of WHS like Khadin, Tanka, Farm ponds etc. and also through demonstration of rainfed varieties of crops. Construction of WHS can also increase in area under irrigation which is only 38% 527.00 ha. (2 % of the project area)is under wastelands and can be brought under vegetative cover, with reasonable effort .Activities like Earthen check dams, Vegetative filter strip, V-ditches, staggered trenches ,WHS (Johad) Afforestation of wastelands and Pasture development will be taken up on these lands

Pasture development the land use table shows that there is 180 hectare pasture land (5.74%)This emphasizes the need for taking up pastureland development works through sowing of promising species of grasses and plantation

Table 2.4 .a Agriculture and Horticulture status and fuel availability.

Cropping Status												
S. No	Season	Crop Sown	Rain fed				Irrigated				Total	
			Varieties	Area (ha)	Production (Ton)	Productivity (kg/ha)	Varieties	Area (ha)	Production (Ton)	Productivity (kg/ha)	Area (ha)	Production (ton)
1	Kharif	Bajra	Proagro-9444	242	242	2600 kg	-	-	-	-	242	242
		Till	Laxmi	91	23	800 kg	-	-	-	-	91	23
		Groundnut	Deshi	17	9	1200 kg	-	-	-	-	-	-
2	Rabi	Wheat	-	-	-	-	Sonakalyan	128	33	4000	128	128
		Mustard	-	-	-	-	Arjun	267	210	2800	267	435
		Gram	-	-	-	-	Varuna	105	15	2200	105	33
3	Zaid	-	-	-	-	-	-	-	-	-	-	-
		-	-	-	-	-	-	-	-	-	-	-
	Total			350	274	4600	-	500	258	9000	833	861

Table 2.4.b Abstract of cropped Area(ha)	
Area under Single crop	3731.00
Area under Double crop	707.00
Area under Multiple crop	0.00

****Write for each crop:** The farmers are using proagro-9444 varieties of Bajra, whereas varieties like proagro-9444 can increase the production.

Crop Rotationwill vary from project to project**

Bajra	-	gram	-	Wheat
Bajra	-	moong	-	Fallow
Moong	-	Til	-	Mustered
Moong	-	gwar	-	Fallow
Fallow	-	gram	-	Taramera
Til	-	Vigna Mungo	-	Fallow

The table 2.3 shows that only 932.75 ha is (7.59%) is double cropped area. Also the crop rotation shows that fallow lands are there. This indicates that there is scope for change in crop rotation in fields where there are fallow lands through Soil and Water conservation measures, crop demonstration and diversification in agriculture.

Soil and Water conservation measures besides putting fallow lands under cultivation can change the area under single cropping to double and multiple cropping.

Table 2.4.c Productivity Gap Analysis (The table can also be given in bar chart form)

Name of the crop	Productivity kg/ha				
	India	Highest Average in Rajasthan	Highest Average of Agro climatic zone	District	Project Area
Mustard	1177	1232	2200	2000	1800
Wheat	2619	2762	3500	3200	4000
Bajra	802	655	635	625	615

Analysis of the above table indicate that besides national gap there is wide gap in productivity within state and even within same agro climatic zones.

The reasons for this variation are

- The farmers are using varieties proagro-9444 of Bajra Patel-547 whereas the recommended varieties like proagro-9444 provide 2800kg/ha yield (write for all crops)
- The farmers are using varieties sonakalyan of wheat arjun whereas the recommended varieties like sonakalyan provide 3500 kg/ha yield (write for all crops)
- The farmers are using varieties Varuna-10 of mustard Laxmi whereas the recommended varieties like Varuna-10 provide 1500 kg/ha yield (write for all crops)
- Lack of Availability of good quality seeds of desired crop and variety in adequate quantities and time to the farmers.
- Availability of water for cultivation(30% is irrigated table----

The productivity gap and reasons of it indicate potential to increase the productivity through crop demonstration .Crop demonstrations would be carried out on improved crops/ varieties, improved agronomic practices. INM, IPM, Mixed cropping, distribution of fodder seed mini kit. Demonstration of improved methods and economics of fodder crops cultivation and also distribution foundation seeds of Forage Crops for further multiplication, introduction of fodder crops in the existing crop rotations.

Activity	Area	Species	Varieties	Recommended varieties	Production
Horticulture	5 Ha	Guvava	L-49	Safeda	-
	5 Ha	Nibu	Gola	-	-
	-	-	-	-	-
Vegetables	0.10	Bhindi	-	-	-
	0.10	Loki	-	-	-
	0.10	Palak	-	-	-
Floriculture	0.05	Genda	-	-	-
	0.05	Rose	-	-	-
	-	-	-	-	-
Medicinal Plants	-	-	-	-	-

Table 2.6 Land holding Pattern in project area

Type of Farmer	Total House holds	Land holding (ha) irrigation source wise			Land holding (ha)Social group wise				
		Irrigated (source)	Rainfed	Total	General	SC	ST	OBC	BPL
(i) Large farmer	240	799.95	927.05	1727	253.15	527.40	615.20	375.25	258.25
(ii) Small farmer	575	289.50	545.50	835	150.25	252.20	125.30	215.50	9.75
(iii) Marginal farmer	655	261.05	463.15	725	204.10	150.15	120.25	125.15	00
(iv) Landless person	463	00	00	00	00	00	00	00	00
(V) No. of BPL households	315	168.75	275.25	444	55.65	85.25	64.25	44.10	00
Total	2248	1550.05	2210.95	3731	663.00	1015.00	925.00	760.00	268.00

23.06% land holdings belong to small and marginal farmers who own 0.75% of total cultivated area. Horticulture/vegetables could be more economical to Small and marginal farmers with irrigation source. For large farmers with no irrigation facility Horticulture/vegetables will be promoted in a part of land with farm pond/Tanka construction.

The following activities will be more beneficial for small land holdings and for diversification and income for large farmers

Horticulture plantation, Medicinal and Aromatic Crops, floriculture: As discussed earlier . Horticulture/vegetables could be more economical to Small and marginal farmers with irrigation source. Also the project area has good potential for medicinal & aromatic crops like Sonamukhi, Isabgol, Ashwagandha, Khus, Mehandi etc.

Agro forestry plantation: To increase the income of farmers and also for shelter belt plantation as wind velocity is high in the project area.

Setting of Vermi Compost Units - Keeping in view the side effect of residues of chemicals and fertilizers on human health the emphasis would be on cultivation of organic produce through motivating farmers and providing assistance for production of organic input, vermi compost.

Production and distribution of quality seed – There is need to ensure that good quality seed is available for cultivators for which adequate seed production would be initiated in watershed areas with the assistance of private sector and agriculture department technologies

Sprinklers and pipelines for efficient water management practices emphasis on demonstration of sprinklers with adequate financial support and convergence/private partnership.

Establishment of Green House - For growing off season vegetables seedlings and other horticultural crops under controlled atmospheric conditions of green house.

Establishment of nurseries: Most of the planting material is procured from other parts of the State/ country. The procurement of planting material from distant places causes damage to the planting material and often results in untimely supply. Hence nursery development activity in area.

Innovative hi-tech/ export oriented activities: innovative hi-tech/ export oriented projects like mushroom cultivation, floriculture, etc which are in negligible existence at present, can be implemented by individual farmers / private companies.

Drip irrigation Drip irrigation will be promoted in all horticulture plantations, vegetables, green houses and in nurseries for rational use of irrigation higher yields and quality produce.

Table 2.7 Livestock Status - animals/milk production / average yield.

S. No	Description of animals	Population in No.	Yield(milk/mutton/Wool)	Equ. cow units	Dry matter requirement per year (7Kg per animal.)	Total requirement in M.T.
1	Cows	1930	1500	1930	7Kg	4931.15
	Indigenous	1930		1930	7Kg	4931.15
	Hybrid	0		0	-	-
2	Buffaloes	2732	2500	2732	7Kg	6980.26
3	Goat	2640	2300	2640	7Kg	5876.50
4	Sheep	215	175	215	7Kg	549.325
5	Camel	20	0	20	7Kg	51.10
6	Poultry	50	30	50	7Kg	127.75
7	Piggery	40	0	40	7Kg	102.20
	Total	9557	6505	9557		

In spite of the large number of livestock, production is less hence increase in productivity across all species, is a major challenge. To reduce production of unproductive cattle and improve the productivity by improving the breeds by breeding management following activities will be taken up

- Castration
- Artificial insemination
- Distribution of superior Breeding bulls for use in Cattle and Buffalo
- Breeding distribution crossbred rams

Besides breed improvement other animal husbandry practices like better health, hygiene and feeding practices can increase productivity of livestock. Hence Activities like Animal health camps ,Urea-Molasses treatment demonstration ,demonstration of improved methods of conservation and utilization of Forage crops are proposed.

Table 2.8 Existing area under fodder (ha)

S.No	Item	Unit	Area/Quantity
1	Existing Cultivable area under Fodder	Ha	75 ha.
2	Production of Green fodder	Tonns/year 26.88	8
3	Production of Dry fodder	Tonns/ Year 96.4	67
4	Area under Pastures	Ha	50
5	Production of fodder	Tonns/year	-
6	Existing area under Fuel wood	Ha	20 ha
7	Supplementary feed	Kgs/ day	-
8	Silage Pits	No	-
9	Availability of fodder	Quintals	1233 q.
10	Deficiency/excess of fodder	Quintals 767 q.	Row5- total fodder requirement 2000 q. from table2.7

The table above shows there is fodder deficiency (Requirement is 2000 q. and availability 1233 q.) To minimize the large and expanding gap between feed and fodder resource availability and demand there is need for

- Increase in area under fodder crops
- Increase in productivity of fodder crops
- Development of pastures
- And reduction in large number of livestock production through replacement by few but productive animals

Table 2.9-Agriculture implements (As per Base line survey, annexure-1)

1	2	3
S. No	Implements	Nos.
1	Tractor	95
2	Sprayers-manual/ power	-
3	Cultivators/Harrows	75
4	Seed drill	65
5	Any Other	-

Farm mechanization and seed banks: As discussed earlier 1.388 % land holdings belong to small and marginal farmers who own only 13% of total cultivated area so owning of big farm implements by individual farmers is not economical so SHG would be promoted to buy farm implements and rent to farmer

Table 2.10-NREGA Status - No. of Card Holder, activities taken so far, employment status.

Sr. no.	Name of village	Total No .of job cards	Employment Status	Activity taken up so far
1	sawalpur	285	285	Working
2	maikalan	260	260	Working
3	Mai khurd	225	225	Working
4	bohna	292	292	Working
5	binjari	185	185	Working
6	Gandawar	1225	1225	Working
7	piplada	950	950	Working
8	barod	505	505	Working
9	gothra	750	750	Working
10	kamokhri	90	90	Working
11	mukhandpura	95	95	Working
12	rawara	185	185	Working
13	jaishingpura	150	150	Working
14	ishapura	-	-	
15	chakishapura	-	-	

Table 2.11 Migration Details

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)
sawalpur	60	280	Jivikoparjan	30 Km	Wagage	6-12lakh
maikalan	75	275	Jivikoparjan	35 Km	Wagage	4-7 lakh
Mai khurd	35	250	Jivikoparjan	35 Km	Wagage	2-2.50 lakh
bohna	30	210	Jivikoparjan	30 Km	Wagage	2-2.25 lakh
binjari	3	190	Jivikoparjan	40 Km	Wagage	50-75 lakh
Gandawar	400	270	Jivikoparjan	45 Km	Wagage	8-15 lakh
piplada	240	270	Jivikoparjan	25km	Wagage	3.5-6.5 lakh
barod	150	250	Jivikoparjan	30km	Wagage	4-7 lakh
gothra	300	290	Jivikoparjan	35km	Wagage	4-6 lakh
kamokhri	5	160	Jivikoparjan	20km	Wagage	4-7 lakh
mukhandpura	10	170	Jivikoparjan	15km	Wagage	2-2.50 lakh
rawara	30	135	Jivikoparjan	10km	Wagage	2.50-3 lakh
jaishingpura	80	150	Jivikoparjan	5km	Wagage	4-5 lakh
ishapura						
chakishapura						

The migration can be check by creation of employment opportunities, enhancing farm level economy, increases the income of the people engaged in animal husbandry by dairy, poultry and marketing and value addition. (As discussed earlier) and diversification in livelihoods . The existing livelihoods Village are given below

Table 2.12 (a) Major activities (On Farm)		
Name of activity	No of House holds	Average annual income from the
cultivators	1933	72000
Dairying	0	-
Poultry	0	0
Piggery	0	0
Landless Agri. Labourers	463	17000

Name of activity	Households/individuals	Average annual income from the
Artisans	3	17000
Carpenter	4	26000
Blacksmith	-	-
Leather Craft	-	-
Porter	20	27000
Mason	350	38000
Others specify (Cycle Repair ,STD,Craft etc)	6	30000

The efforts for increase in income through off farm activities will be made under livelihood component through assistance to SHG or individuals

Table 2.13(a) Status of Existing SHG

S.No	Name of SHG	Members	Activity involved	Monthly income	Fund available	Assistance available	Source of assistance	Training received
1	Kailadevi SHG	10	-	100	100	-	-	-
2	Indira Gandhi SHG	10	-	200	13000	-	-	-
3	Mamata SHG	10	-	200	14000	-	-	-
4	Laxmi SHG	10	-	200	12000	-	-	-
5	sarswati SHG	10	-	100	8900	-	-	-
6	Durga Ma SHG	10	-	100	7800	-	-	-
7	Jai Jagdamba SHG	10	-	100	3500	-	-	-
8	Kamla SHG	10	-	200	2700	-	-	-
9	Jai Bhavani SHG	10	-	100	5009	-	-	-
10	Shila SHG	10	-	100	20500	-	-	-
11	Maharani SHG	10	-	100	9011	-	-	-
12	Meenakshi SHG	10	-	200	4311	-	-	-
13	Jai Santoshi SHG	10	-	100	10000	-	-	-
14	Mashakti SHG	10	-	100	2511	-	-	-

The table indicates existence of number of groups in the area also these need to be strengthened through trainings and financial assistance

SHG'S UNDER IWMP SCHEME

S. No.	Panchayat	Village	Name of SHG	Category of SHG	Category of SHG Members					
					SC	ST	OBC	OTH.	TOT.	Ladies
1	Maikalan	sawalpur	Saphalta	Woman	-	-	5	10	15	15
		maikalan	Dev Narayan	Man	-	-	11	-	11	11
		Mai khurd	Rani Laxmi Bai	Woman	-	-	10	-	10	10
2	Gandawar	bohna	Subhash Chandra Bose	Woman	7	-	-	4	11	11
		binjari	Maa Sati	Woman	1	0	1	9	11	11
		Gandawar	Laxmi SHG	Woman	3	0	8	11	11	20
		piplada	sharda	man	2	2	1	6	11	11
3	banawada	barod	maashakti	woman	7	2	0	2	11	11
4	gothra	gothra	laxmi	woman	3	0	7	0	10	10
		kamokhri	gulabdevi	woman	5	0	5	2	12	12
		mukhandpura	vijaydharini	woman	7	0	3	2	12	12
		rawara	kamdhenu	woman	9	0	4	3	14	14
		jaishingpura	sheela	woman	2	0	7	6	15	15
		Ishapura			0	0	0	0	0	0
		Chakishapura			0	0	0	0	0	0

Users Group Information

S. No.	Name of Group	Total No. of UG	SC	ST	OBC	Gen.	Male	Fe-male
1	Arable land	3	3	5	15	3	20	1
2	Non Arable land	4	8	7	13	4	25	1
3	Production work	1	-	6	10	-	10	-
4	Animal Husbandry work	4	2	8	18	1	21	-
5	Arable land conservation measures.	3	-	9	17	-	17	-
6	Horticultural works	4	11	15	9	3	22	1
7	Forestry Plantation	2	4	2	5	1	10	-
8	Land less	2	1	3	7	3	11	-
	TOTAL	26	29	55	72	17	151	3

II. Technical Features

Table 2.14 Ground Water						
S.No	Source	No.	Functional depth	Dry	Area irrigated	Water availability(days)
i)	Dug wells	384	90	340	120	60
ii)	Shallow tube wells	180	120	50	257	365
iii)	Pumping sets	280	210	0	0	0
iv)	Deep Tube Wells	66	500	20	978	365
Total		882	920	410	1355	790

Table 2.15 Availability of drinking water

S. No	Name of the village	Drinking water requirement Ltrs/day	Present availability of drinking water Ltrs/day	No. of drinking water sources available	No. functional	No. requires repairs	No. defunct
1	sawalpur	2592	2592	20	15	3	2
2	maikalan	1752	1752	60	45	12	3
3	Mai khurd	2024	2024	30	20	8	2
4	bohna	736	736	20	18	1	1
5	binjari	612	612	12	27	1	2
6	Gandawar	3716	3716	95	17	2	1
7	piplada	2532	2532	30	35	2	3
8	barod	1192	20	10	1	1	1
9	gothra	2032	2032	40	37	2	6
10	kamokhri	452	452	45	102	10	2
11	Mukhandpura	840	840	30	25	3	2
12	rawara	513	513	25	20	2	1
13	jaishingpura	763	763	27	24	3	2
14	ishapura	0	0	0	0	0	0
15	chakishapura	0	0	0	0	0	0

Table 2.16 Water Use efficiency

Name of major crop	Area (Hectare)			
	through water saving devices(Drip/S sprinklers)	through water conserving agronomic practices [#]	Any other (pl. specify)	Total
Wheat	20 ha	175	0	195
Mustard	40 ha	130	0	170
Gram	10 ha	180	0	90
Total	70 ha	385	0	455

- The tables above indicate need for judicious use of available Water.
- Encouraging optimum use of water through installation of sprinklers on every operational wells

Table 2.17 Slope details.

Slope of Watershed		
S.No.	Slope percentage	Area in hectares
1	0 to 3%	3244.50
2	3 to 8%	1193.50
3	8 to 25%	-
4	> 25%	-

As most of the area has slope less than 3% construction of contour bunds can solve the problem of water erosion in agriculture fields and protect washing of top soil and manures/fertilisers

Table 2.18 Water Budgeting**Macro/ Micro No.****11/10, 11, 12, 14, 16, 13/2****(A) Area (Calculated from revenue record)**

1. Good Catchment where runoff is maximum & infiltration is minimum like hillocks, plateau etc
2. Average catchment – cultivated land, forest land with vegetation.
3. Bad catchment where runoff is minimum & infiltration is maximum e.g. Sandy soil

(B) AVERAGE ANNUAL RAINFALL DATA (AVAILABLE TEHSIL))

Proportion of Estimated Runoff of rainfall : To be worked out from strange's Table for Khandar tehsil Dist. Sawai Madhopur for 400mm total Mansoon rainfall.

(a) Percentage of runoff to rainfall from strange's table.

In Good Catchment	17.50 %	$400 \times 17.50 / 10 = 700$
In average catchment	12.60%	$400 \times 12.60 / 10 = 504$
In Bad Catchment	8.70%	$400 \times 8.70 / 10 = 348$

Type of W/S	Area of W/S	Factor Cum/ha	Expected Yeild Cum
Good	1250	700	875000
Average	3688	504	1858752
Bad	718	348	249864
Total	5718	2983616	

STORAGE OF RUNOFF BY EXISTING STRUCTURES

S.No.	Name of Structure	No./ Area	Storage Capacity
1	Tank/ Talab/ Nadi	1	30000
2	Anicut/WHS/Khadin	25	10000
3	Farm pond	6	21000
Total		32	61000

STORAGE OF RUNOFF BY PROPOSED STRUCTURES

S.No.	Name of Structure	No./ Area	Storage Capacity
1	ECD	174	870
2	Talai	5	3500
3	WHS(Talai)	3	10500
4	Gully plug	99	495
5	Anicut	4	3200
Total		285	18561

Total Runoff trapped = Existing Strs + Proposed Strs.= 61000+18565=79565

%Runoff trapped = $79565 \times 100 / 2983616 = 2.66\%$

Table 2.19 Soil details

Soil Profile		
S.No.	Major Soil Classes	Area in hectares
1	Sandy Clay Loam	2628
2	Sandy loam, loam	1810
Soil Depth :		
B	Depth (Cms.)	Area in hectares
1	0.00 to 7.50	-
2	7.50 to 45.00	2526
3	> 45.00	1912

C	Soil fertility Status	Kg/ha	Recommended
	N	160	90.76
	P	140	78
	K	80	20
	Micronutrients	PPM	0.90

The analysis of table shows need to improve and maintain soil fertility. Soil health card to every farmer every crop season will be provided, which will include the recommendation for Application micro nutrient and fertilizers.

Table 2.20 Erosion details

Erosion status in project Area					
Cause	Type of erosion	Area affected (ha)	Run off(mm/ year)	Average soil loss (Tonnes/ ha/ year)	
Water erosion					
a	Sheet	2200	175	-	0.50 to 1.50 ton per hq.
b	Rill	1508	175	-	-
c	Gully	530	175	-	-
Sub-Total					
Wind erosion		-	-	-	
Total for project		4438	175	-	

The need is:

- To check land degradation
- To reduce excessive biotic pressure by containing the number and increase of livestock
- To check cultivation on sloping lands without adequate precautions of soil and water conservation measures
- To discourage cultivation along susceptible nallah beds
- To check Faulty agriculture techniques
- To check Uncontrolled grazing and developed cattle tracks
- To check Deforestation of steep slopes
- To check erosive velocity of runoff, store Runoff, to arrest silt carried by runoff and to recharge Ground Water structures life Earthen check dams, gully plugs, Bank Stabilisation, Loose stone check Dams, Gabions, Earthen embankment (Nadi) and Anicuts would be taken up.

Junior Engineer
I.W.M.P.
P.Samiti Khandar (SWM)

Assistant Engineer
I.W.M.P.
P.Samiti Khandar (SWM)

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CHAPTER – III

Proposed Development Plan:

The Activities are indicative addition /deletion in activities will be as per local conditions

A) Preparatory phase activities Capacity Building Trainings and EPA

The IEC activities like Kalajathas, Group meetings, door to door campaign, slogans and wall writings etc. were carried out in all the habitations of 11/10, 11,12,14,16,13/2Micro Watershed. A series of meetings were conducted with GP members, community and discussed about the implementation of IWMP programme. User groups were also formed.

Grama Sabhas were conducted for approval of EPA (Village), for selecting the watershed committee and approval of DPR.

1	4	5	6	7	8	9	10	11
S. No.	Names of village	Amount earmarked for EPA	Entry Point Activities planned	Estimated cost	Expenditure incurred	Balance	Expected outcome	Actual outcome
1	sawalpur	1.43	Soler light, Drinking Water Tanki , Waundry Wall	1.43	-	-	Villagers are happy & trust to our project activities	-
2	maikalan	0.28	Soler light, Drinking Water Tanki	0.28	-	-	Villagers are happy & trust to our project activities	-
3	Mai khurd	0.96	Soler light, Drinking Water Tanki)	0.96	-	-	Villagers are happy & trust to our project activities	-
4	bohna	1.17	Soler light, Drinking Water Tanki	1.17	-	-	Villagers are happy & trust to our project activities	-
5	binjari	0.50	Soler light, Drinking Water Tanki, Waundry Wall	0.50	-	-	Villagers are happy & trust to our project activities	-
6	Gandawar	4.27	Soler light, Drinking Water Tanki	4.27	-	--	Villagers are happy & trust to our project activities	-
7	piplada	5.52	Soler light, Drinking Water Tanki , Waundry Wall	5.52	-	-	Villagers are happy & trust to our project activities	-
8	barod	1.23	Soler light, Drinking Water Tanki , Waundry Wall	1.23	-	-	Villagers are happy & trust to our project activities	-
9	gothra	4.04	Soler light, Drinking Water Tanki , Waundry Wall	4.04	-	--	Villagers are happy & trust to our project activities	-
10	kamokhri	0.096	Soler light, Drinking Water Tanki , Waundry Wall	0.096	-	-	Villagers are happy & trust to our project activities	-
11	mukhandpura	0.0432	Soler light, Drinking Water Tanki , Waundry Wall	0.0432	-	-	Villagers are happy & trust to our project activities	-
12	rawara	0.88	Soler light, Drinking Water Tanki , Waundry Wall	0.88	-	-	Villagers are happy & trust to our project activities	-
13	jaishingpura	0.98	Soler light, Drinking Water Tanki , Waundry Wall	0.98	-	-	Villagers are happy & trust to our project activities	-
14	ishapura	0.072	Soler light, Drinking Water Tanki , Waundry Wall	0.072	-	-	Villagers are happy & trust to our project activities	-

15	chakishapura	0.048	Soler light, Drinking Water Tanki , Waunday Wall	0.048	-	-	Villagers are happy & trust to our project activities	-
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EPA कार्य पानी की टंकी

सौर ऊर्जा

The PRA exercise was carried out in all the villages on the dates shown below:

S.no	Name of the village/Habitation	Date on which PRA conducted
1	sawalpur	03-05-2012
2	maikalan	05-05-2012
3	Mai khurd	07.05-2012
4	bohna	09-05-2012
5	binjari	11-05-2012
6	Gandawar	14-05-2012
7	piplada	16-05-2012
8	barod	18-05-2012
9	gothra	20-05-2012
10	kamokhri	22-05-2012
11	mukhandpura	24-05-2012
12	rawara	26-05-2012
13	jaishingpura	28-05-2012
14	ishapura	30-05-2012
15	chakishapura	01-06-2012





Transact walk were carried out involving the community for Social mapping, Resource mapping. Detailed discussions and deliberations with all the primary stakeholders were carried out.

Socio-economic survey was carried out during November 2011 to March 2012 (dates) period covering all the households and primary data on demography, Land holdings, Employment status, Community activities etc. was collected as mentioned in chapter 2.

State remote sensing department was assigned the work of preparing various thematic layers **using** Cartosat-1 and LISS-3 imageries for **Creation**, development and management of geo-spatial database depicting present conditions of land (terrain), water and vegetation with respect to watershed under different ownerships at village level.

Various thematic layers provided by SRSAC are :

- Delineation of Macro/Micro watershed boundaries.
- Digitised Khasara maps of the villages falling in project area.
- Network of Drainage lines, existing water bodies, falling in the project area.
- Base maps (transport network, village/boundaries, and settlements).
- Land Use / Land cover map.
- Contours at 1 meter interval, slope map

Based on GIS thematic layers, Field visits , PRA and analysis of benchmark data (as discussed in chapter 2) final Treatment plan on revenue map for implementation has been framed. Thus each intervention identified has been marked on revenue map (map enclosed in DPR as annexure-----).The GIS based intervention map, PRA based intervention map are annexed as -----.

Consolidate Quantification of Project Fund to be retained at each level under IWMP.

Name of Scheme : **I.W.M.P.**

Total Cost of Project:

532.56

Lacs

Area : 4438 Ha

Name of Project : **Sawai Madhopur-4 (dolatpura-gothra)**

Installment	Agency	Admi stration	Monitoring	Evaluation	EPA	I & CB	DPR	Watershed works	Livelihoods	Production system & Micro Enterprise (10%)	Consolidation	Total
		10%	1%	1%	4%	5%	1%	56%	9%		3%	100%
1st -20%	SLNA		0.266	1.597		0.266						2.130
	WCDC		0.266	-	-	3.994						4.260
	PIA	7.988	0.532			11.716	5.325					25.565
	WC	2.662	-		21.302	-	-	39.942	5.325	5.325		74.558
	Total	10.651	1.065	1.597	21.302	15.976	5.325	39.942	5.325	5.325	0.000	106.512
2nd -50%	SLNA		0.399	1.863								2.263
	WCDC		0.399			2.130						2.529
	PIA	21.302	1.331			5.858						28.491
	WC	7.455						161.631	31.953	31.953		232.955
	Total	28.758	2.130	1.863	0	7.988	0	161.631	31.953	31.953	0	266.280
Third -30%	SLNA		0.399	1.863							0.532	2.795
	WCDC		0.399			0.798					0.532	1.730
	PIA	7.988	1.331			1.863					1.065	12.248
	WC	5.858						96.659	10.651	15.976	13.846	142.992
	Total	13.846	2.130	1.863	0.000	2.662	0.000	96.659	10.651	15.976	15.976	159.768
Total -100%	SLNA	0.000	1.065	5.325	0.000	0.266	0.000	0.000	0.000	0.000	0.532	7.189
	WCDC	0.000	1.065	0.000	0.000	6.923	0.000	0.000	0.000	0.000	0.532	8.520
	PIA	37.279	3.195	0.000	0.000	19.438	5.325	0.000	0.000	0.000	1.065	66.303
	WC	15.976		0.000	21.302		0.000	298.233	47.930	53.256	13.846	450.545
	Total	53.256	5.325	5.325	21.302	26.628	5.325	298.233	47.930	53.256	15.976	532.56

Quantification of Project Fund to be retained at each level under IWMP.

Name of Scheme : **I.W.M.P.**
Name of Project : **maikhalan**

Total Cost of Project:

60.30

Lacs

Area : 503 Ha

Install ment	Agency	Admini stration	Monitoring	Evaluation	EPA	I & CB	DPR	Watershed works	Livelihoods	Production system & Micro Enterprise (10%)	Consolidation	Total
		10%	1%	1%	4%	5%	1%	56%	9%		3%	100%
1st -20%	SLNA		0.030	0.181		0.030						0.241
	WCDC		0.030			0.452						0.482
	PIA	0.905	0.060			1.327	0.603					2.897
	WC	0.301			2.414			4.527	0.603	0.603		8.450
	Total	1.207	0.120	0.181	2.414	1.810	0.603	4.527	0.603	0.603	0.000	12.072
2nd -50%	SLNA		0.045	0.211								0.256
	WCDC		0.045			0.241						0.286
	PIA	2.414	0.150			0.663						3.229
	WC	0.845						18.319	3.621	3.621		26.407
	Total	3.259	0.241	0.211	0.000	0.905	0.000	18.319	3.621	3.621	0.000	30.18
Third -30%	SLNA		0.045	0.211							0.060	0.316
	WCDC		0.045			0.090					0.060	0.196
	PIA	0.905	0.150			0.211					0.120	1.388
	WC	0.663						10.955	1.207	1.810	1.569	16.206
	Total	1.569	0.241	0.211	0.000	0.301	0.000	10.955	1.207	1.810	1.810	18.108
Total -100%	SLNA	0.000	0.120	0.603	0.000	0.030	0.000	0.000	0.000	0.000	0.060	0.814
	WCDC	0.000	0.120	0.000	0.000	0.784	0.000	0.000	0.000	0.000	0.060	0.956
	PIA	4.225	.0362	0.000	0.000	2.203	0.603	0.000	0.000	0.000	0.120	7.514
	WC	1.810	0.000	0.000	2.414	0.000	0.000	33.801	5.432	6.036	1.569	51.064
	Total	6.036	0.603	0.603	2.414	3.018	0.603	33.801	5.432	6.036	1.810	60.36

Quantification of Project Fund to be retained at each level under IWMP.

Name of Scheme : **I.W.M.P.**

Total Cost of Project:

286.92

Lacs

Area : 2391

Name of Project : **gandawar**

Installment	Agency	Admini stration	Monitoring	Evaluation	EPA	I & CB	DPR	Watershed works	Liveliho ods 9%	Production system & Micro Enterprise	Consoli dation	Total
		10%	1%	1%	4%	5%	1%	56%		(10%)	3%	100%
1st -20%	SLNA		0.143	0.860		0.143						1.147
	WCDC		0.143			2.151						2.295
	PIA	4.303	0.286			6.312	2.869					13.772
	WC	1.434			11.476			21.519	2.869	2.869		40.168
	Total	5.738	0.573	0.860	11.476	8.607	2.869	21.519	2.869	2.869	0.000	57.384
2nd -50%	SLNA		0.215	1.004								1.219
	WCDC		0.215			1.147						1.362
	PIA	11.476	0.717			3.156						15.350
	WC	4.016						87.080	17.215	17.215		125.527
	Total	15.493	1.147	1.004	0.000	4.303	0.000	87.080	17.215	17.215	0.000	143.460
Third -30%	SLNA		0.215	1.004							0.286	1.506
	WCDC		0.215			0.430					0.286	0.932
	PIA	4.303	0.717			1.004					0.573	6.599
	WC	3.156						52.075	5.738	8.607	7.459	77.038
	Total	7.45	1.147	1.004	0.000	1.434	0.000	52.075	5.738	8.607	8.607	86.076
Total - 100%	SLNA	0.000	0.573	2.869	0.000	0.143	0.000	0.000	0.000	0.000	0.286	3.873
	WCDC	0.000	0.573	0.000	0.000	3.729	0.000	0.000	0.000	0.000	0.286	4.590
	PIA	20.084	1.721	0.000	0.000	10.472	2.869	0.000	0.000	0.000	0.573	35.721
	WC	8.607	0.000	0.000	11.476	0.000	0.000	160.675	25.822	28.692	7.459	242.734
	Total	28.692	2.869	2.869	11.476	14.346	2.869	160.675	25.822	28692	8.607	286.92

Quantification of Project Fund to be retained at each**level under IWMP.**Name of Scheme : **I.W.M.P.**

Total Cost of Project:

30.96

Lacs

Area : 258

Name of Project : **barnawada**

Installment	Agency	Admini stration	Monitoring	Evaluation	EPA	I & CB	DPR	Watershed works	Livelihood s 9%	Production system & Micro Enterprise	Consoli dation	Total
		10%	1%	1%	4%	5%	1%	56%		(10%)	3%	
1st -20%	SLNA		0.015	0.092		0.015						0.123
	WCDC		0.015			0.232						0.247
	PIA	0.464	0.031			0.681	0.309					1.486
	WC	0.154			1.238			2.322	0.309	0.309		4.334
	Total	0.619	0.061	0.092	1.238	0.928	0.309	2.322	0.309	0.309	0.000	6.192
2nd -50%	SLNA		0.023	0.108								0.131
	WCDC		0.023			0.123						0.147
	PIA	1.238	0.077			0.340						1.656
	WC	0.433						9.396	1.857	1.857		13.545
	Total	1.671	0.123	0.108	0.000	0.464	0.000	9.396	1.857	1.857	0.000	15.48
Third -30%	SLNA		0.023	0.108							0.030	0.162
	WCDC		0.023			0.046					0.030	0.100
	PIA	0.464	0.077			0.108					0.060	0.772
	WC	0.340						5.619	0.619	0.928	0.804	8.312
	Total	0.804	0.123	0.108	0.000	1.154	0.000	5.619	0.619	0.928	0.928	9.288
Total -100%	SLNA	0.000	0.061	0.309	0.000	0.015	0.000	0.000	0.000	0.000	0.030	0.417
	WCDC	0.000	0.061	0.000	0.000	0.402	0.000	0.000	0.000	0.000	0.030	0.495
	PIA	2.167	0.185	0.000	0.000	0.130	0.309	0.000	0.000	0.000	0.060	3.854
	WC	0.928	0.000	0.000	1.238	0.000	0.000	17.337	2.786	3.096	0.804	26.192
	Total	3.096	0.309	0.309	1.238	1.548	0.309	17.337	2.786	3.096	0.928	30.96

Quantification of Project Fund to be retained at each**level under IWMP.**Name of Scheme : **I.W.M.P.**

Total Cost of Project:

154.32

Lacs

Area : 1286 Ha

Name of Project : **gothra**

Installment	Agency	Admini stration	Monitoring	Evaluation	EPA	I & CB	DPR	Watershed works	Livelihood s 9%	Production system & Micro Enterprise	Consoli dation	Total
		10%	1%	1%	4%	5%	1%	56%		(10%)	3%	
1st -20%	SLNA		0.077	0.462		0.077						0.617
	WCDC		0.077			1.157						1.234
	PIA	2.314	0.154			3.395	1.543					7.407
	WC	0.771			6.172			11.574	1.543	1.543		21.604
	Total	3.086	0.308	0.462	6.172	4.629	1.543	11.574	1.543	1.543	0.000	30.864
2nd -50%	SLNA		0.115	0.540								0.655
	WCDC		0.115			0.617						0.733
	PIA	6.172	0.385			1.697						8.256
	WC	2.160						46.836	9.259	9.259		67.515
	Total	8.333	0.617	0.540	0.000	2.314	0.000	46.836	9.259	9.259	0.000	77.16
Third -30%	SLNA		0.115	0.540							0.154	0.810
	WCDC		0.115			0.231					0.154	0.501
	PIA	2.314	0.385			0.540					0.308	3.549
	WC	1.697						28.009	3.086	4.629	4.012	41.434
	Total	4.012	0.617	0.540	0.000	0.771	0.000	28.009	3.086	4.629	4.629	46.296
Total -100%	SLNA	0.000	0.308	1.543	0.000	0.077	0.000	0.000	0.000	0.000	0.154	2.083
	WCDC	0.000	0.308	0.000	0.000	2.006	0.000	0.000	0.000	0.000	0.154	2.469
	PIA	10.802	0.925	0.000	0.000	5.632	1.543	0.000	0.000	0.000	0.308	19.212
	WC	4.629	0.000	0.000	6.172	0.000	0.000	86.419	13.888	15.432	4.012	30.554
	Total	15.432	1.543	1.543	6.172	7.716	1.543	86.419	13.888	15.432	4.629	154.32

CHAPTER-IV

Activity wise Abstract of Cost
Consolidated Proposed Development Plan Of Total Project

W/s. SWM-4 (dolthpura-gothra)

Gram Panchayat – maikhlan,gandawar,barnawada,gothra

Total Area of Project: 4438 Ha.

Total cost of Project- 532.56 Lacs

(A) Preparatory phase activities capacity building trainings & EPA (22%)

S. No.	Activity	Unit	Cost	Quantity	Total Cost	Cost from Project Fund	Convergence Fund	Beneficiary Contribution
1	Admn. 10%		53.256		53.256	53.256		
2	Monitoring 1%		5.325		5.325	5.325		
3	Evaluation 1%		5.325		5.325	5.325		
4	EPA 4%		21.302		21.302	21.302		
5	I & CB 5%		26.628		26.628	26.628		
6	DPR 1%		5.325		5.325	5.325		
	Total (A) 22%		117.163		117.163	117.163		

B) Natural Resources Management (56%)

Conservation Measures for arable land (Private Land)

1	Earthen Check Dam	No.	0.31 P No.	174	53.940	48.980	4.960	5-10% towards WDF 11.59263
2	Field Bundding/Medbandi	Km.	88/- P M	68422	60.211	54.739	5.472	
3	Talai with Waste Weir	No.	3.41 P No.	5	17.050	13.640	3.410	
4	Repair of existing structures	No.	0.20 P No.	145	29.000	26.400	2.600	
5	Waste Wear	No.	0.23 P No.	105	24.150	21.850	2.300	
	Total Arable (1)				184.351	165.609	18.742	

Pasture development

Pasture Development								
1	V – ditch	Ha.	43000 P.H.	10	4.300	3.870	0.430	
2	D.C.B. Fencing	Mt.	115 P.M.	2800	3.220	2.875	0.345	
3	Seed Sowing	Ha.	4600 P.H.	198	9.108	8.280	0.828	
4	Afforestation	No.	42 P.P.	7948	3.338	3.035	0.303	
5	Water Harvesting Structure (Talai)	No.	177 P.N.	3	5.310	3.540	1.770	
	TOTAL (2)				25.276	21.600	3.676	

2 Drainage line treatment

1	LSCD	No.	18000 P.No.	33	5.940	5.400	0.540	
2	Gully Plugs(ECD)	No.	48000 P.No.	99	47.520	43.200	4.320	
3	WHS (Anicut) 10 Meter	No.	8.36 P.No.	3	25.080	16.720	8.360	
4	WHS (Anicut) 15 Meter	No.	15.12 P.No.	1	15.120	15.120	0.000	
5	Bank Stablization	KM.	130 P.Mtr.	25878	33.642	30.583	3.058	
Total DLT (3)					127.320	111.023	16.278	
Total (B) (1+2+3) 56%					336.929	298.233	38.696	

(C-1) Production System (10%)**Production measures for arable land**

1	Horticulture plantation	No.	155 P.Plant	9520	14.756	11.576	3.180	10-20% WDF towards Project Cost 7.988
2	Vegetables kit distribution	No.	1000 P.No.	1500	15.000	12.000	3.000	
3	Crop Demonstration	No.	1000 P.No.	1200	12.000	10.000	2.000	
4	Animal Medical Camp	No.	24000 P.No.	44	10.56	7.680	2.880	
2	Breed Improvement	No.	25000 P.No.	20	5.000	4.000	1.000	
3	Fodder Demonstration	No.	500 P.No.	2000	10.000	8.000	2.000	
Total					67.316	53.256	14.060	

(D-1) Livelihood and Micro Enterprises 9%

1	Revolving fund to SHG	No.	25000	150	37.500	28.750	8.750	15.976
2	Revolving fund to Individual Enterprises	No.	25000	19	4.750	4.750		
3	Grand in aid to federation SHG	No.	3.000	6	18.000	14.430	3.570	
					60.250	47.930	12.320	
					15.976	15.976		
					597.63	532.56	65.07	

Junior Engineer
IWMP
P.Samiti Khandar

Assistant Engineer
IWMP
11.25 P.Samiti Khandar

CHAPTER – V**Consolidate Annual Action Plan**

Total Area- 4438 Ha.

Through Project Fund

Total Cost- 532.56 Lacs

(A)					Preparatory phase activities capacity building trainings & EPA															
Activity	Unit	QTY	Unit Cost	Total cost	1st year 2010-11		2nd year 2011-12		3rd year 2012-13		4th year 2013-14		5th year 2014-15		6th year 2015-16		7th year 2016-17		Total	
					Ph y	Fin	Ph y	Fin	Phy	Fin	Phy	Fin	Ph y	Fin	Ph y	Fin	Ph y	Fin	Phy	Fin
Admn. 10%				53.25		5.32		10.65		10.65		10.65		5.32		5.32		5.34		53.25
Monitoring 01%				5.32		0.53		1.06		1.06		1.06		0.53		0.53		0.55		5.32
Evaluation 01%				5.32				2.12				1.59				1.61				5.32
EPA 04%				21.30		21.30														21.30
I & CB 05%				26.62		5.32		5.32		5.32		5.32		2.66		1.33		1.35		26.62
DPR 01%				5.32		5.32														5.32
Total (A)				117.13		37.79		19.15		17.03		18.62		8.51		8.79		7.24		117.13
(B)					Natural resource management(56%)															
Conservation measures for arable land(private land)																				
Earthen Check Dam	No.	158	0.31 P No.	48.98	0	0	30	9.30	28	8.68	28	8.68	28	8.06	23	7.13	23	7.13	158	48.68
Field Bundding/Medbandi	PM	62204	88/- P M	54.73	0	0	12 40 0	10.912	10600	9.32	10600	9.32	10 60 0	8.712	93 04	8.272	9304	8.18 7	6220 4	54.73
Talai with Waste Weir	No.	4	3.41 P No.	13.74	0	0	0	0	4	13.6 4	0	0	0	0	0	0	0	0	4	13.64
Repair of existing structures	No.	132	0.20 P No.	26.40	0	0	26	5.20	23	4.60	23	4.60	23	4.40	10	3.80	19	3.80	132	26.40
Waste Wear	No.	95	0.23 P No.	21.85	0	0	18	4.14	16	3.68	16	3.68	16	3.45	15	3.45	15	3.45	95	21.85
Total (1)				165.60	0	0		29.55		39.92		26.28		24.62		22.65		22.56		165.60
Pasture development																				
Pasture Development																				
V – ditch	Ha.	9	43000 PH	3.87	0	0	1	.43	4	1.72	4	1.72	0	0	0	0	0	0	9	3.87
D.C.B. Fencing	Mt.	2500	115 PM	2.87	0	0	500	.57	625	.7	625	.71	500	0.57	150	0.17	100	0.11	2500	2.87
Seed Sowing	Ha.	180	4600 PH	8.28	0	0	40	1.84	40	1.84	30	1.38	30	1.38	20	0.92	20	0.92	180	8.28
Afforestation	No.	7226	42 PP	3.035	0	0	120 0	.50	1500	.63	1500	0.63	1200	0.50	926	0.38	900	0.37	7226	3.035
Water Harvesting Structure (Talai)	No.	2	177 PN	3.54	0	0	0	0	2	3.54	0	0	0	0	0	0	0	0	2	3.54

Total (2)				21.60				3.34		8.44		4.44		2.45		1.47		1.40		30.60
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Drainage line treatment

LSCD	No.	30	1800 0 P.No	5.40	0	0	6	1.08	6	1.08	6	1.08	6	1.08	3	0.54	3	0.54	30	5.40
Gully Plugs(ECD)	No.	90	4800 0 P.No	43.20	0	0	15	7.20	20	9.60	20	9.60	20	9.60	8	3.84	7	3.36	90	43.20
WHS (Anicut) 10 Meter	No.	2	8.36 P.No	16.72	0	0	0	0.00	2	16.72	00	0.00	0	0.00	0	0.00	0	0	2	16.72
WHS (Anicut) 15 Meter	No.	1	15.1 2 P.No	15.12	0	0	0	0.00	1	15.12	00	00	0	00	0	0.00	0	0	1	15.12
Bank Stablization	PM	23526	130 P.Mtr	30.58	0	0	50 00	6.50	4000	5.20	4000	5.20	4000	5.20	3526	4.58	3000	3.90	23526	30.58
Total (3)				111.02	0	0	0	14.78	0	47.72	0	15.88	0	15.88	0	8.96	0	7.80	0	111.02

(C)

Production System (10%)

Production measures for arable land

Horticulture plantation	No.	7467	155 P.Plant	11.57	0	0	0	0	2000	3.10	2000	3.10	2000	3.10	1000	1.55	4.67	.72	7467	11.57
Vegetables kit distribution	No.	1200	1000 P.No	12.00	0	0	0	0.00	300	3.00	300	3.00	300	3.00	150	1.50	150	1.50	1200	12.00
Crop Demonstration	No.	1000	1000 P.No	10.00	0	0	0	0.00	300	3.00	300	3.00	300	3.00	100	1.00	100	1.00	1000	10.00
Animal Medical Camps	No.	32	2400 0 P.No	7.68	0	0	0	0.00	8	1.92	8	1.92	8	1.92	8	1.92	0	0.00	32	7.68
Breed Improvement	No.	16	2500 0 P.No	4.00	0	0	0	0.00	4	1.00	4	1.00	4	1.00	4	1.00			16	4.00
Fodder Demonstration	No.	1600	500/ P.No	8.00	0	0	0	0.00	400	2.00	400	2.00	400	2.00	200	1.00	200	1.00	1600	8.00

			TOTAL	53.25	0.00	0.00	0.00	0.00	40	10.00	40	10.00	35	8.75	0	0.00	0	0.00	115	28.75
Livelihood and Micro Enterprise 9%																				
Revolving fund to SHG	No.	25000	115	28.75	0	0.00	0	0.00	40	10.00	40	10.00	35	8.75	0	0.00	0	0.00	115	28.75
Revolving fund to Individual Enterprises	No.	25000	19	4.75	0	0.00	0	0.00	0	0.00	10	2.50	9	2.75	0	0.00	0	0.00	19	4.75
Grand in aid to federation SHG	No.	3.00	5	14.43	0	0.00	0	0.00	0	0.00	2	6.00	2	6.00	0	2.43	0	0.00	5	14.43
Total D				47.93						10.00				17.00						47.93
Consolidation E 3%				15.97						0		18.50		0		2.43				15.97
Grand Total (A+B+C+D+E)				532.56																532.56

CHAPTER – VI**EXPECTED OUT COMES**

1	2	3	4	5	6
S. No.	Item	Unit of measurement	Pre-project Status	Expected Post-project Status	Remarks
1	Status of water table (Depth to Ground water level)	Meters	150-200 Ft.	140-190	
2	Ground water structures repaired/ rejuvenated	No.			
3	Quality of drinking water	Description	good	Very good	
4	Availability of drinking water	Description	Sufficient	Sufficient	
5	Change in irrigated Area	Ha	1619	2000	
6	Change in cropping/ land use pattern	Description	Improper	Proper	
7	Area under agricultural crop	Ha	-	-	
	I Area under single crop	Ha	3731	1731	
	ii Area under double crop	Ha	707	2707	
	iii Area under multiple crop	Ha	-		
8	Change in cultivated Area	Ha	4438	5000	
9 yield of major crops of area	Yield of Bajra	q/ha	9-10	12-14	
	Yield of Wheat	q/ha	35-40	40-45	
	Yield of Gram	q/ha	8-10	11-12	
	Yield of Mustard	q/ha	11-12	14-16	
10 production of major crops of area	Production of Bajra	ton	6550	8000	
	Production of Wheat	ton	11250	13500	
	Production of Gram	ton	1850	2100	
	Production of Mustard	ton	16170	20700	
11	Area under vegetation	Ha	-	-	
12	Area under horticulture	Ha	06	50	
13	Area under fuel	Ha	18	100	
14	Area under Fodder	Ha	73	150	
15	Fodder production	Q	75	150	
16	Milk production	Litres/day	3540	5000	
17	SHGs Active	No.	-	-	
18	No. of livelihoods	No.	-	-	
19	Income	Rs.in la	7550	12000	
20	Migration	No.	1430	500	
21	SHG Federations formed	No.	-	-	

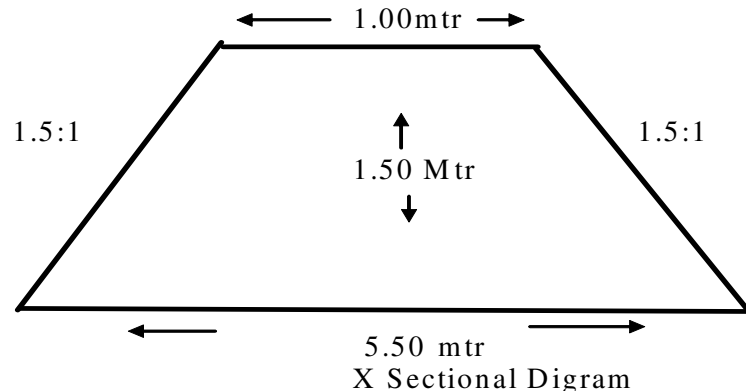
CHAPTER VII**TECHNICAL DESIGNS AND ESTIMATES**

- Technical designs and model estimates for proposed activities are enclosed
- For Estimates GKN-2012 and BSR Dated 01.04.2012 of the ps khandar has been used.
- For Production System activities of Agriculture, Horticulture & Animal Husbandry has been proposed as per Watershed beneficiaries demand and Unit rates were taken L.S. as per market.

Estimate

Name of Work - Construction of Earthen Checkdame in arable land Cost for 80mtr length

S.No	Particulars	No	Length	Width,	Height,	Quantity	Rate	Unit	Amount
1	Jungle Clearance (BSR Item No. 82)	1	80.00	5.50		80.00	1.20	Per Sqm	96.00
2	Earthwork for bund in hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	1	80.00	3.25	1.50	390.00	81.00	Per Cum	29250.00
3	Seeding of Ratan Jot on the top of Bund in 3 rows (BSR Item No. 114)	3	80.00	0.00	0.00	240.00	0.52	Per m	124.80
4	Seding of Grass stylo Ameta in 3 rows both side (BSR Item No. 114)	6	80.00	0.00	0.00	480.00	0.52	Per m	249.60
5	Cost of Ratan Jot Seed (0.2 Kg/100 Mtr.)	0	0.00	0.00	0.00	0.60	26.00	Per Kg	15.60
6	Cost of Stylo Ameta Seed	0	0.00	0.00	0.00	0.60	30.00	Per Kg	18.00
						Total			29754.00
	Add 3 % Contigency charges								892.62
						Grand Total			30646.62
						Say			31000.00

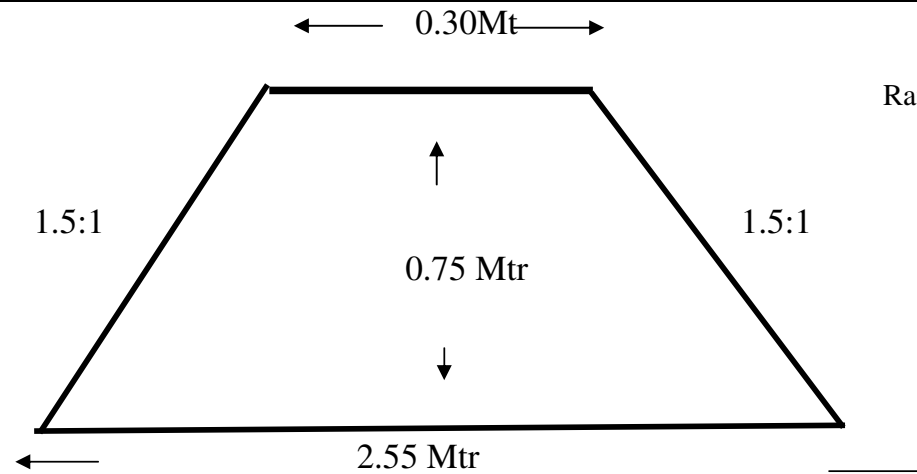


Estimate

Name of Work - Construction of Madebandi in Arable Land

Cost Per 100 M. Length

S.No	Particulars	No	Length	Width	Height	Quantity	Rate	Unit	Amount
1	Jungle clearing (BSR Item No. 82)	1	100.00	2.55		255.00	1.20	Per Sq m	306.00
2	Earthwork for bund hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	1	100.00	1.43	0.75	106.88	81.00	Per Cum	8015.63
3	Seeding of Ratan Jot on the Bund (BSR Item No. 114)	1	100.00			100.00	0.52	Per m	52.00
4	Seding of Grass stylo Ameta on Sides (BSR Item No. 114)	2	100.00			200.00	0.52	Per m	104.00
5	Cost of Ratan Jot Seed (0.2 Kg/100 Mtr.)					0.60	26.00	Per Kg	15.60
6	Cost of Stylo Ameta Seed					0.60	50.00	Per Kg	30.00
						Sub Total			8523.23
	Add 3 % Contigency charges								255.70
	All Rates are on the Basis of BSR khandar 01-04-2012					Grand Total			8778.92



Rates P.M. = 8778.92/100
= 87.78
Say Rs. 88.0

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ESTIMATE

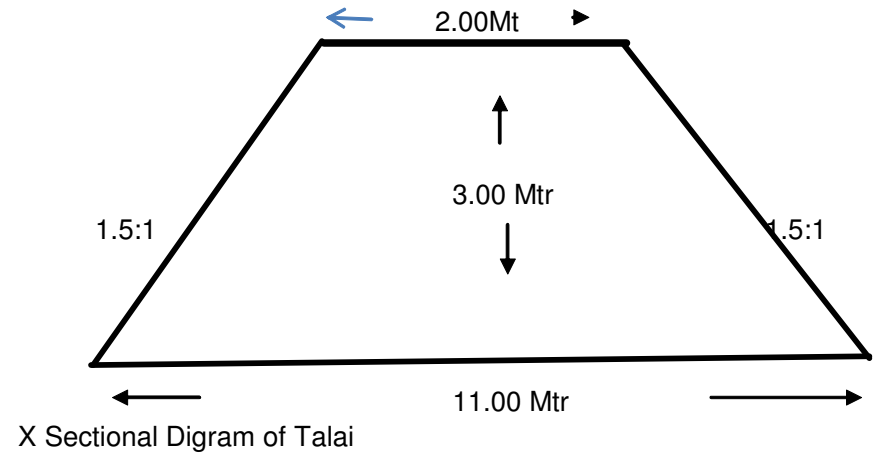
Name of work :Construction of new talai with west wear in Arable area

(A) Talai

S.no	ITEM	Length	Top Width	Bottom width	Ht/Depth	Qty	Unit	RATE	Amount
1	Jungle clearing (BSR Item No.82)	100		11		1100.00	Sqm	1.20	1320.00
2	Earthwork for bund in hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	100	2	11	3	1950.00	cum	75.00	146250.00
3	Lift (50%) (BSR Item No.2)	1				975.00	cum	10.00	9750.00
3	Lead (50%) (BSR Item No.4)	1				487.50	cum	29.75	14503.13
	Total								171823.13
	Add 3 % Contingency charges								5154.69
	Grand Total								176977.82
	Say								177000.00

(B) Construction of West Wear

S.No	Particulars	No	Length	Width, m	Height, m	Quantity	Rate	Unit	Amount
1	E/W in Excavation in foundation in hard Soil (BSR Irem No. 2 B)								
	Head Wall	1	10.00	0.90	2.00	18.00			
	Side Wall	2	4.50	0.60	2.00	10.80			
	Wing Wall (2x2)	4	3.00	0.60	1.20	8.64			
	Toi wall	1	10.00	0.60	0.90	5.40			
	Apron	1	10.00	3.00	0.75	22.50			
						65.34	81.00	Per Cum	5292.54
2	P/L C.C (1:4:8) with 40 MM. Grit including comp etc. (BSR Irem No. 11 B)								
	Head Wall	1	10.00	0.90	0.15	1.35			
	Head Wall	2	4.50	0.60	0.15	0.81			
	Wing Wall (2x2)	4	3.00	0.60	0.15	1.08			



Name of Work - Repair of Existing Earthen Structure in Arable Land.

Cost for 50mtr length

Bottom Width 4 Mtr. Top Width 2 Mtr.

S.No	Particulars	No	Length	Width,	Height,	Quantity	Rate	Unit	Amount
1	Earthwork for bund in hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	1	50.00	3.00	1.50	225.00	81.00	Per Cum	18225.00
2	One Extra Lift 50% of Item No. 1 (BSR Item Number-2)					225.00	10.00	Per Cum	2250.00
3	Seeding of Ratan Jot on the top of Bund in 3 rows (BSR Item No. 114)	3	50.00			150.00	0.52	Per m	78.00
4	Seding of Grass stylo Ameta in 3 rows both side (BSR Item No. 114)	6	50.00			300.00	0.52	Per m	156.00
5	Cost of Ratan Jot Seed (0.2 Kg/100 Mtr.)					0.60	26.00	Per Kg	15.60
7	Cost of Stylo Ameta Seed					0.60	30.00	Per Kg	18.00
						Total			20742.60
	Add 3 % Contigency charges								622.28
						Grand Total			21364.88
						Say			20000.00

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आई.डब्ल्यू.एम.पी.

पंचायत समिति खण्डार

सहायक अभियन्ता

आई.डब्ल्यू.एम.पी.

पंचायत समिति खण्डार

Estimate

Name of Work - Construction of Waste Wear in Arable Land

Length of Headwall 3 Mtrs

S.No	Particulars	No	Length	Width, m	Height, m	Quantity	Rate	Unit	Amount
1	E/W in Excavation in foundation in hard Soil (BSR Irem No. 2 B) HW	1	3.00	0.90	0.90	2.43	2.43		
	HWE	2	1.50	0.75	0.90	2.03			
	SW	2	1.00	0.60	0.90	1.08			
	Apron	1	3.00	1.00	0.45	1.35			
	TW	1	3.00	0.45	0.60	1.21			
						8.10	81.00	Per Cum	655.70
2	P/L C.C (1:4:8) with 40 MM. Grit including comp etc. (BSR Irem No. 11 B)	1	3.00	0.90	0.30	0.81			
		2	1.50	0.75	0.30	0.68			
		2	1.00	0.60	0.30	0.36			
		1	3.00	1.00	0.15	0.45			
		1	3.00	0.45	0.15	0.20			
						2.50	1973.00	Per Cum	4932.50
3	50 MM thick Cement Concret 1:2:4 mixed with 12 MM aggregate size (BSR Irem No. 58 A)	1	3.00	0.60		1.80			
		2	1.50	0.60		1.80			
		2	1.00	0.45		0.90			
		1	3.00	0.30		0.90			
						5.40	213.00	Per Sqm	1150.20

4	RR Stone Mensory in CM 1:6 for foundation & Plinth (BSR Irem No. 24A)	1	3.00	0.75	0.60	1.35			
		2	1.50	0.60	0.60	1.08			
		2	1.00	0.60	0.60	0.72			
		1	3.00	0.45	0.45	0.61			
		1	3.00	1.00	0.30	0.90			
						4.66	1686.00	Per Cum	7856.76
5	RR Stone Mensory in CM 1:6 for Super Structru (BSR Irem No. 26)	1	3.00	0.60	0.60	1.08			
		2	1.50	0.60	0.90	1.62			
		2	1.00	0.60	0.60	0.72			
		1	3.00	0.45	0.30	0.41			
						3.83	1857.00	Per Cum	7112.31
6	Flushed ruled pointing with CM 1:3 (BSR Irem No. 70 A)	1	3.00	0.60		1.80			
		4	1.50	0.60		3.60			
		2	1.00	0.60		1.20			
		2	3.00	0.30		1.80			
						8.40	47.60	Per Sqm	399.84
						Total			22107.31
	Add 3 % Contigency charges								663.21
	All Rates are on the Basis of BSR khandar 01-04-2012						G.Total		22770.52
							Say		22800.00

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MODEL ESTIMATE FOR 1 HA.

Construction of V-Ditch for Area Less than 8% SlopePit Size $1/2 \times 0.60 \times 0.20 = 0.06$ Sqm

CI- 10M

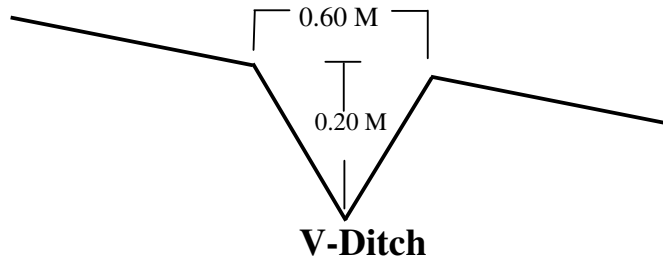
V-Ditch = 800 m/ha.

Total Volume= $0.06 \times 800 = 48$ Cum ($1/2 \times 0.60 \times 0.20$)

S.No.	Item	Unit	Quantity	Rate	Amount
1	Digging V-Ditch : Earth work for bund/ embankment in dry or moist soil including laying in layers of 15 cms breaking of clods, sorting of grass, pebbles etc. and dressing in required profile within initial lead of 50 mtr. and lift of 1.5m in hard soil (BSR-GKN SWM 17.03.11, Item No. 119 B.)	Cum	48.00	81.00	3600.00
2	Labour charges of sowing of Dhaman/ Stylo-Hameta/ Karad grass seed on contour furrow in three rows. (Item No. 114)	Rmt.	800.00	0.52	416.00
3	Cost of Dhaman / Stylo-Hameta/ Karad Grass Seed @ 4kg/ha.	Per kg/ha.	4.00 Kg.	50.00	200.00
Total					4216.00
Contingency Charges 3%					126.48
Grand Total					4342.48

Say Rs. 4300/Per Hact.

$$\frac{4342.48}{800} = 5.428 \text{ P.R.M. Or } 5.50 \text{ P.Rmt.}$$



Junior Engineer
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IWMP
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Construction of ditch Cum**Bund Fencing in Pasture Area**

Cross Section: 1.44 Sqm

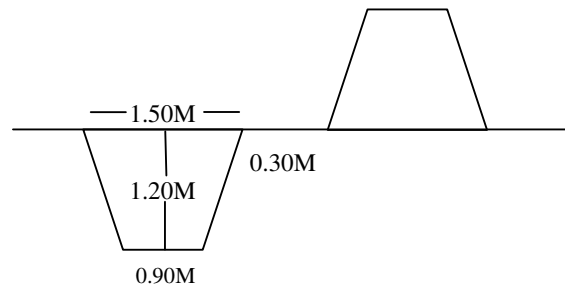
Top : 1.50 m

Bottom : 0.90 m

Depth : 1.20 m

(Per Mtr. Length)

S.No.	Item	Unit	Quantity	Rate	Amount
1	Earth work for bund/ embankment in dry or moisture soil including laying in layers of 15cms breaking of clods, sorting of grass, pebbles etc. and dressing in required profile within initial lead of 50 mtr. and lift of 1.5m in hard soil (BSR-GKN khandar, 17.03.11 Item No. 119-B)	Cum	1.44	81.00	108.00
2	Seed Sowing of forest seed in three rows. (BSR P.No. 14, I.No. 114)	Rmt.	3	0.52	1.56
3	Cost of Seed	L.S.	-	-	2.00
TOTAL					111.56
Contingency Charges 3%					3.346
G.TOTAL					114.91
SAY RS.					115.00



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P.Samiti Khandar

ESTIMATE

Name of work: Grass Seed Sowing in Pasture Area.

Cost for 1 ha.

Sr.No.	Item	Quantity	Rate	Amount
1	Ploughing of the area by tractor	1.0 ha.	L.S.	800.00
2	Spreading of grass seed palets	1.0 ha.	L.S.	135.00
3	Cost of Stylo Hemata Seeds	6.00 Kg.	30.00	180.00
4	Cost of Dhaman Seeds	2.00 Kg.	50.00	100.00
5	Cost of Mannure urea	50 Kg.	6.00	300.00
6	Cost of Compost Khad	½ Trolly	2000.00	1000.00
			TOTAL	2515.00
	Contigency charges of 3%			75.45
			G.TOTAL	2590.45
			SAY. Rs.	2600.00

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MODEL ESTIMATE
Plantation of Forestry Plants in Pasture

Pit Size : 0.45 x 0.45 x 0.45m = 0.091 Cum

S.No.	Item	Unit	Quantity	Rate	Amount
1	Digging of pits for plantation size 0.45 x 0.45 x 0.45m in hard Soil. (BSR-GKN SWM 17.03.11 Item No. 112 B.)	Nos.	1.00	6.00	6.000
2	Cost of Plant	P.No.	1.00	6.00	6.000
3	Transportation of plants from nursery to planting site including loading & unloading	Per No.	1.00	2.480	2.480
4	Planting of plants including cutting and removal of bag, backfilling and ramming of soil in ordinary soil. (Item No. 113-B)	Per No.	1.00	2.60	2.6000
5	Watering of plants available water in the plantation area minimum @15 liters per plant by earthen pots including carriage of water. (Item No. 115)	Per Plant	8 No.	1.50	12.000
6	Cost of Water	L.S.	-	-	1.500
7	Making of Semi circular thanwala of 50cm radius in ordinary soil (Item No. 117-B)	Nos.	1	1.50	1.500
8	Weeding and hoeing of plant in field to remove weeds around 15cm radius of plants at a depth of 10cm (Item No. 116)	Nos.	2	1.10	2.200
9	Watch & ward	L.S.	-	-	3.750
10	Cost of Fertilizer	Kg.	250 gm	4.00	1.000
11	Cost Insecticides (2ml per plant) twice in a year	Lit.	4ml	L.S.	1.000
TOTAL					40.030
Contingency Charges 3%					1.209
G.TOTAL					41.231
SAY RS.					42.00 Per Plant

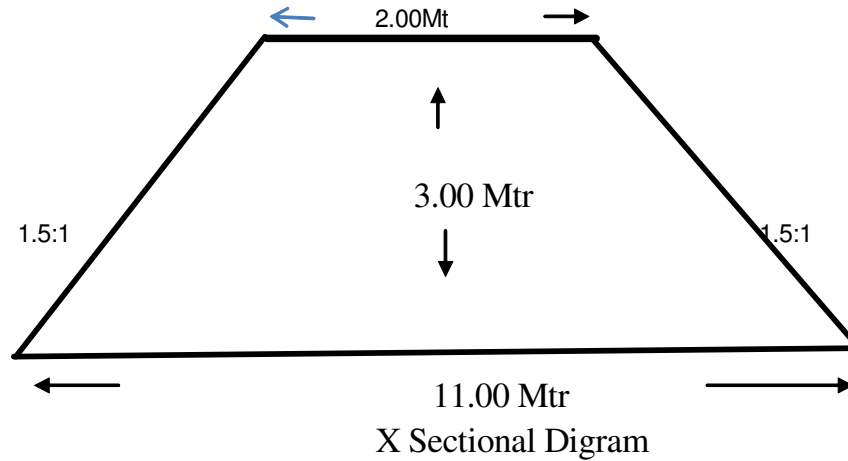
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Assistant Engineer
IWMP
P.Samiti Khandar

ESTIMATE**Name of work :Construction of new talai (WHS) in Non arable area**

S.no	ITEM	Length	Top Width	Bottom width	Ht/Depth	Qty	Unit	RATE	Amount
1	Jungle clearing (BSR Item No.82)	100		11		1100.00	Sqm	1.20	1320.00
2	Earthwork for bund in hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	100	2	11	3	1950.00	cum	81.00	146250.00
3	Lift (50%) (BSR Item No.2)	1				975.00	cum	10.00	9750.00
3	Lead (50%) (BSR Item No.4)	1				487.50	cum	29.75	14503.13
	Total								171823.13
	Add 3 % Contingency charges								5154.69
	Grand Total								176977.82
	Say								177000.00

All Rates are on the Basis of BSR khandar 01-04-2012



Estimate

Name of Work - Construction of L.S.C.D. in Non Arable Land

S.No	Particulars	No	Length	Width, m	Height, m	Quantity	Rate	Unit	Amount
1	E/W in Excavation in foundation in hard Soil (BSR Irem No. 2 B)	1	4.00	1.60	0.30	1.92	81.00	Per Cum	155.52
2	Dry stone masonry (BSR Irem No. 21 B)	1	4.00	3.00	0.30	3.60			
		1	4.00	1.60	0.30	1.92			
		1	4.00	1.30	0.30	1.56			
		1	4.00	1.00	0.30	1.20			
		1	4.00	0.70	0.30	0.84			
		1	1.50	1.60	1.80	4.32			
		1	1.50	1.60	1.80	4.32			
				Total		17.76	982.00	Per Cum	17440.32
							Total		17595.84
	Add 3 % Contingency charges								527.87
	All Rates are on the Basis of BSR khandar 01-04-2012						G.Total		18123.71
							Say		18125.00

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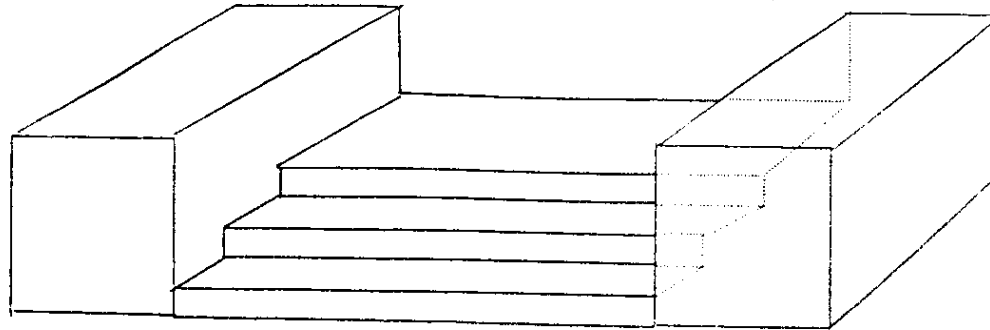
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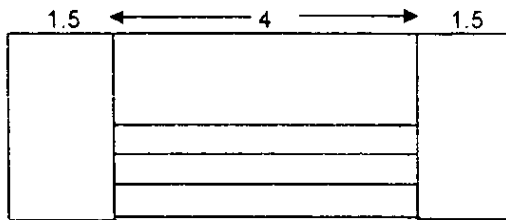
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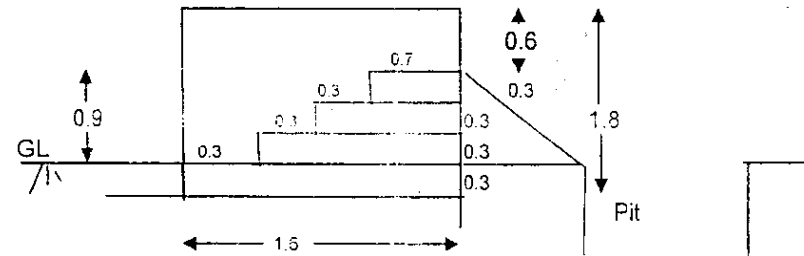
Design for LSCD



Plan

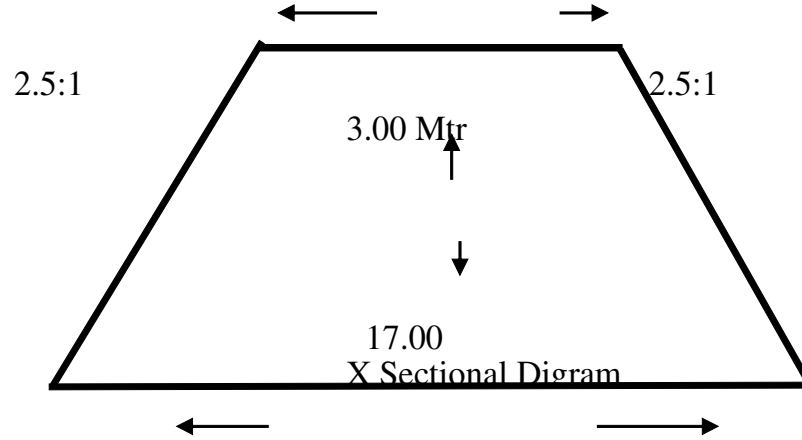


Elevation



2	Earthwork for bund in hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	1	20.00	9.50	3.00	570.00	81.00	Per Cum	46170.00
3	One Extra Lift 50% of Item No. 2 (BSR Item Number-2)					285.00	10.00	Per Cum	2850.00
4	Seeding of Ratan Jot on the top of Bund in 3 rows (BSR Item No. 114)	3	20.00			60.00	0.52	Per m	31.20
5	Seding of Grass stylo Ameta in 3 rows both side (BSR Item No. 114)	6	20.00			120.00	0.52	Per m	62.40
6	Cost of Ratan Jot Seed (0.2 Kg/100 Mtr.)					0.60	26.00	Per Kg	15.60
7	Cost of Stylo Ameta Seed					0.60	30.00	Per Kg	18.00
						Total			49555.20
	Add 3 % Contingency charges								1486.66
						Grand Total			51041.86
						Say			48000.00

2.00mtr



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पंचायत समिति खण्डार

सहायक अभियन्ता
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पंचायत समिति खण्डार

ABSTRACT OF COST**Name of work ; Construction of water harvesting structure (Anicut) in Drainage Line.**

For 10 Mtr. Headwall

S. No.	Detail of Work	QTY	RATE	AMT	UNIT
1	Earth work for foundaton and trenches in hard soil with internal lead of 50 M . (BSR Item No. 2B)				
		290.00	81.00	23490.00	Cum
2	Cement concrete well mixed in 1:4:8 laying in position complete including curring with max six aggregate up to 20mm (BSR Item No. 11B)				
		44.70	1973.00	88193.10	Cum
3	RR stone masonry in cm 1:6 for foundation and plinth .(BSR Item No. 24A)				
		209.88	1686.00	353857.68	Cum
4	RR stone masonry for super structure in cm 1:6 (BSR Item No. 26)				
		168.74	1857.00	313350.18	Cum
5	25mm thick cement plaster in U/s in cement 1:4 (as per Ajmer) (BSR Item No. 67A)				
		125.50	146.00	183223.00	Sqm
6	50MM thick coping in cm 1:2:4 (BSR Item No. 58A)				
		2.45	213.00	523.995	Sqm
7	Earth work bund in dry or Moisture soil including laying layers of 15 cm breaking of closs and dressing in reyuirel profile worth minnally with initial lead of 30cm of 1.5m(BSR Item No. 119B)				
		500.00	75.00	37500.00	Cum
				835235.81	
			Say.	8.36 lacs	
Rates are on the basis of GKN khandar 01.04.2012 835236.00					

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Panchayat Samiti,
Khandar

DETAIL OF WORK**Name of work ; Construction of water harvesting structure (Anicut) in Non Arable Area .**

For 10 Mtr. Headwall

S. No.	Detail of Work	No.	L	B	H	QTY	UNIT
1	Earth work for foundaton and trenches in hard soil with internal lead of 50 M . (BSR Item No. 2B)						
	HW	1	10.00	3.50	2.50	87.50	Cum
	HWE	2	4.50	2.50	2.50	56.25	Cum
	SW	2	4.50	2.50	2.50	56.25	Cum
	WW	2	3.50	2.00	2.50	35.00	Cum
	APRON	1	10.00	4.50	1.00	45.00	Cum
	TW	1	10.00	1.00	1.00	10.00	Cum
						290.00	Cum
2	Cement concrete well mixed in 1:4:8 laying in position complete including curring with max six aggregate up to 20mm (BSR Item No. 11B)						
	HW	1	10.00	3.50	0.30	10.50	Cum
	HWE	2	4.50	2.50	0.30	6.75	Cum
	SW	2	4.50	2.50	0.30	6.75	Cum
	WW	2	3.50	2.00	0.30	4.20	Cum
	APRON	1	10.00	4.50	0.30	13.50	Cum
	TW	1	10.00	1.00	0.30	3.00	Cum
						44.70	Cum
3	RR stone masonry in cm 1:6 for foundation and plinth .(BSR Item No. 24A)						
	HW	1	10.00	3.00	2.20	66.00	Cum
	HWE	2	4.50	2.00	2.20	39.60	Cum
	SW	2	4.50	2.00	2.20	39.60	Cum
	WW	2	3.50	1.70	2.20	26.18	Cum
	APRON	1	10.00	4.50	0.70	31.50	Cum
	TW	1	10.00	1.00	0.70	7.00	Cum
						209.88	Cum
4	RR stone masonry for super structure in cm 1:6 (BSR Item No. 26)						
	HW	1	10.00	3+1.5/2	2.00	45.00	Cum
	HWE	2	4.50	2+1.5/2	3.50	55.12	Cum
	SW	2	4.50	2+1/2	3.50+2.50/2	40.50	Cum
	WW	2	3.50	1.70+1/2	2.50	23.62	Cum
	TW	1	10.00	1.00	0.45	4.50	Cum
						168.74	Cum

5	25mm thick cement plaster in U/s in cement 1:4 (as per Ajmer) (BSR Item No. 67A)							
	HW	1	10.00			2.00	20.00	Cum
	SW	2	4.50			3.50+2.50/2	27.00	Cum
	HW D/S		10.00			2.50	25.00	Cum
	HWE	2	4.50			3.50	31.50	Cum
	WW	2	3.50			2.50	17.50	Cum
	TW	1	10.00			0.45	4.50	Cum
							125.50	Cum
6	50MM thick copping in cm 1:2:4 (BSR Item No. 58A)							
	HW		10.00	1.50		0.05	0.75	Cum
	HWE	2	4.50	1.50		0.05	0.68	Cum
	SW	2	4.50	1.50		0.05	0.68	Cum
	WW	2	3.50	1.00		0.05	0.35	Cum
							2.46	Cum
7	Earth work bund in dry or Moisture soil including laying layers of 15 cm breaking of closs and dressing in reyuirel profile worth minnally with initial lead of 30cm of 1.5m(BSR Item No. 119B)							
							500.00	cum

Junior Engineer
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Assistant Engineer
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Panchayat Samiti,
Khandar

ABSTRACT OF COST

Name of work ; Construction of water harvesting structure (Anicut) in Drainage Line.

For 15 Mtr. Headwall

S. No.	Detail of Work	QTY	RATE	AMT	UNIT
1	Earth work for foundaton and trenches in hard soil with internal lead of 50 M and list 1.5m . (BSR Item No. 2B)				
		517.50	81.00	41917.50	Cum
2	Cement concrete well mixed in 1:4:8 laying in position complete including curring with max six aggregate up to 20mm (BSR Item No. 11B)				
		57.75	1973.00	113940.75	Cum
3	RR stone masonry in cm 1:6 for foundation and plinth .(BSR Item No. 24A)				
		423.30	1686.00	713683.80	Cum
4	RR stone masonry for super structure in cm 1:6 (BSR Item No. 26)				
		311.56	1857.00	578566.92	Cum
5	25mm thick cement plaster in U/s in cement 1:4 (as per Ajmer) (BSR Item No. 67A)				
		180.75	146.00	266389.50	Sqm
6	50MM thick copping in cm 1:2:4 (BSR Item No. 58A)				
		2.95	213.00	628.35	Sqm
7	Earth work bund in dry or Moisture soil including laying layers of 15 cm breaking of closs and dressing in reyuirel profile worth minnally with initial lead of 30cm of 1.5m(BSR Item No. 119B)				
		500.00	75.00	37500.00	Cum
				1512626.70	
			Say.	15.126 Lacs	
Rates are on the basis of GKN khandar 01-04-2012					

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DETAIL OF WORK**Name of work ; Construction of water harvesting structure (Anicut) in Non Arable Area .**

For 15 Mtr. Headwall

S. No.	Detail of Work	No.	L	B	H	QTY	UNIT
1	Earth work for foundaton and trenches in hard soil with internal lead of 50 M . (BSR Item No. 2B)						
	HW	1	15.00	4.50	3.00	202.50	Cum
	HWE	2	5.00	4.50	3.00	135.00	Cum
	SW	2	5.50	2.50	3.00	82.50	Cum
	WW	2	4.50	2.50	3.00	67.50	Cum
	APRON	1	15.00	1.00	1.00	15.00	Cum
	TW	1	15.00	1.00	1.00	15.00	Cum
						517.50	Cum
2	Cement concrete well mixed in 1:4:8 laying in position complete including curring with max six aggregate up to 20mm (BSR Item No. 11B)						
	HW	1	15.00	4.50	0.30	20.25	Cum
	HWE	2	5.00	4.50	0.30	13.50	Cum
	SW	2	5.50	2.50	0.30	8.25	Cum
	WW	2	4.50	2.50	0.30	6.75	Cum
	APRON	1	15.00	1.00	0.30	4.50	Cum
	TW	1	15.00	1.00	0.30	4.50	Cum
						57.75	Cum
3	RR stone masonry in cm 1:6 for foundation and plinth .(BSR Item No. 24A)						
	HW	1	15.00	4.20	2.70	170.10	Cum
	HWE	2	5.00	4.20	2.70	113.40	Cum
	SW	2	5.50	2.20	2.70	65.34	Cum
	WW	2	4.50	2.20	2.70	53.46	Cum
	APRON	1	15.00	1.00	0.70	10.50	Cum
	TW	1	15.00	1.00	0.70	10.50	Cum
						423.30	Cum
4	RR stone masonry for super structure in cm 1:6 (BSR Item No. 26)						
	HW	1	15.00	4.00+2/2	2.00	90.00	Cum
	HWE	2	5.00	4+1/2	4.50	106.25	Cum
	SW	2	5.50	2+1/2	4.25+3/2	59.81	Cum
	WW	2	4.50	2+1/2	3.00	40.50	Cum
	TW	1	15.00	1.00	1.00	15.00	Cum
						311.56	Cum

5	25mm thick cement plaster in U/s in cement 1:4 (as per Ajmer) (BSR Item No. 67A)						
	HW	1	15.00		2.00	30.00	Cum
	SW	2	5.00		4.25+3/2	36.25	Cum
	HW D/S	1	15.00		2.00	30.00	Cum
	HWE	2	5.00		4.25	42.50	Cum
	WW	2	4.50		3.00	27.00	Cum
	TW	1	15.00		1.00	15.00	Cum
						180.75	Cum
6	50MM thick copping in cm 1:2:4 (BSR Item No. 58A)						
	HW	1	15.00	2.00	0.05	1.50	Cum
	HWE	2	5.00	1.00	0.05	0.50	Cum
	SW	2	5.00	1.00	0.05	0.50	Cum
	WW	2	4.50	1.00	0.05	0.45	Cum
						2.95	Cum
7	Earth work bund in dry or Moisture soil including laying layers of 15 cm breaking of closs and dressing in reyuirel profile worth minnally with initial lead of 30cm of 1.5m(BSR Item No. 119B)						
						1000.00	cum

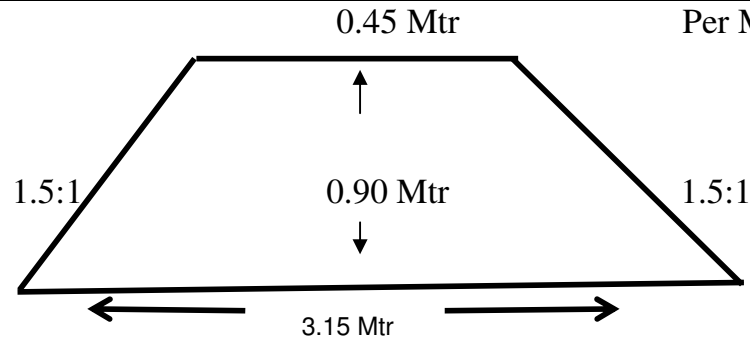
Junior Engineer
IWMP
Panchayat Samiti, Khandar

Assistant Engineer
IWMP
Panchayat Samiti, Khandar

Estimate

Name of Work - Construction of Bank Stabilization in non arable Land of Existing Nala
Cost Per 100 Mtr Length

S.No	Particulars	No	Length	Width	Height	Quantity	Rate	Unit	Amount
1	Jungle clearing (BSR Item No. 82)	1	100.00	3.15		315.00	1.20	Per Sqm	378.00
2	Earthwork for bund in hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	1	100.00	1.80	0.90	162.00	75.00	Per Cum	12150.00
3	Seeding of Ratan Jot on top the Bund in 1 row (BSR Item No. 114)	1	100.00			100.00	0.52	Per m	52.00
4	Seding of Grass stylo Ameta in one row of both side (BSR Item No. 114)	2	100.00			200.00	0.52	Per m	104.00
5	Cost of Ratan Jot Seed (0.2 Kg/100 Mtr.)					0.60	26.00	Per Kg	15.60
6	Cost of Stylo Ameta Seed					0.60	50.00	Per Kg	30.00
						Total			12729.60
	Add 3 % Contigency charges								381.89
	All Rates are on the Basis of BSR khandar 01-04-2012						G.Total		13111.49
						Say			13000.00



कनिष्ठ अभियन्ता
आई.डब्ल्यू.एम.पी. पं.समिति खण्डार

X Sectional Digram

सहायक अभियन्ता
आई.डब्ल्यू.एम.पी. , पं.स. खण्डार

Estimate**Name of Work - Horticulture Plantation****Cost Per
Plant :**

S.No	Particulars	No	Length	Width	Height	Quantity	Rate	Unit	Amount
1	Earthwork for bund in hard Soil with compation in 15 Cm layera etc. (BSR Item No. 119B)	1	0.90	0.90	0.90	0.73	81.00	Per Cum	59.05
2	Apply of Mannure								
	(a) Compost Khad					5.00	0.40	Per Kg	2.00
	(b) S.S.P. (16%)					1.00	4.00	Per Kg	4.00
	© Endosulphan (4%)					0.10	30.00	Per Kg	3.00
3	Mixing with Soil & filling Pit	1	0.90	0.90	0.75	0.61	30.00	L.S.	30.00
4	Planting of Plant (BSR Item No. 113B)	1				1.00	2.60	Per Plant	2.60
5	Cost of Plant at site including transportastion	1				1.00	50.00	L.S.	50.00
									Total
									150.65
	Add 3 % Contingency charges								4.52
	All Rates are on the Basis of BSR khandar 01-04-2012								
								G.Total	155.17
									Say
									155.00

Note : Farmer will be traird for Horticulture plantation in treaning programme be conducted by watershed (PIA)
Farmer will ensured for watch and ward by himself as well as total maintenance after plantation

कनिष्ठ अभियन्ता
आई.डब्ल्यू.एम.पी.
पंचायत समिति खण्डार

सहायक अभियन्ता
आई.डब्ल्यू.एम.पी.
पंचायत समिति खण्डार

गाँववार कन्सोलिडेटेड बेस लाइन सर्वे की स्थिति,

जलग्रहण क्षेत्र : खण्डार--दोलतपुरा.गोटड़ा			योजना : आई.डब्ल्यू.एम.पी.								पंचायत समिति: खण्डार (स.मा.)					
क्र. सं.	गाँव का नाम	ग्राम पंचायत	परिवारों की संख्या					कृषक श्रेणी					बीपीएल परिवारों की संख्या	मकान की स्थिति		
			SC	ST	OBC	GEN	Total	सीमान्त	लघु	वृहद	भूमिहीन परिवार	Total		कच्चा	पक्का	Total
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
1	sawalpur	maikalan	11	7	84	23	125	45	37	25	18	125	15	77	63	140
2	maikalan		35		125	80	240	90	70	45	35	240	7	135	112	247
3	Mai khurd		90		30	5	125	25	36	45	19	125	35	88	72	160
4	bohna	Gandawar	51	23	80	32	186	85	35	17	13	186	23	114	95	209
5	binjari		4	6	15	10	35	10	16	14	8	35	15	27	23	50
6	Gandawar		10	119	53	75	257	98	88	66	36	257	32	158	131	289
7	piplada		7	68	14	63	152	75	43	18	13	152	27	98	81	179
8	barod	barnawada	102	88	84	45	319	102	78	63	76	319	57	206	170	376
9	gothra	gothra	6	5	145	73	229	114	43	48	24	229	32	143	118	261
10	kamokhri		9		25	18	52	10	25	12	5	52	15	36	31	67
11	mukhandpura		5		10	10	25	5	7	8	5	25	17	23	19	42
12	rawara		53		16	21	90	15	27	12	6	90	20	63	52	115
13	jaishingpura		23		45	30	98	36	43	28	21	98	15	62	70	113
14	ishapura															
15	chakishapura															
	Total		406	316	726	485	1933	655	575	240	463	1933	315	1349	899	2248

क्र. सं.	गाँव का नाम	ग्राम पंचायत	गाँव का पेयजल स्रोत	घरेलू साधन टी.वी., फ्रीज, कूलर, गैस चूल्हे	वाहन	चारे की उपलब्धता	कुओं में पानी की गहराई (फिट में)	खेती के उपकरण				पशुधन			
								हल	इंजन	ट्रेक्टर	शेसर	गाय	भैंस	बकरी	ऊँट
1	2	3	18	19	20	21	22	23	24	25	26	27	28	29	30
1	sawalpur	maikalan	नल	गैस चूल्हा-35 टीवी-55, फ्रीज-11	मोटर साईकिल-125 साईकिल-75 फोर व्हीलर-05 जेसीबी-02	पर्याप्त	195	-	6	10	-	60	171	150	2
2	maikalan		हैण्डपम्प	टी.वी.-30, गैस-6, फ्रीज-05	मोटर साईकिल-55 साईकिल-45 फोर व्हीलर-02	पर्याप्त	85	2	23	8	-	75	195	225	1
3	Mai khurd		हैण्डपम्प	टी.वी.-15 , गैस-2, फ्रीज-03	मोटर साईकिल-30 साईकिल-25 फोर व्हीलर-01 जेसीबी-01	पर्याप्त	75	-	16	2	-	38 1	115	125	3
4	bohna	Gandawar	हैण्डपम्प	टी.वी.-60, , गैस-25, फ्रीज-07	मोटर साईकिल-150 साईकिल-90 फोर व्हीलर-07 जेसीबी-02	पर्याप्त	60	-	2	3	-	23 5	212	215	5
5	binjari		कुआँ	गैस-2,	मोटर साईकिल-123 साईकिल-82 फोर व्हीलर-05 जेसीबी-03	पर्याप्त	65	-	3	2	-	73	220	205	2
6	Gandawar		कुआँ	टी.वी.-05, , गैस-14,	मोटर साईकिल-10 साईकिल-15	पर्याप्त	65	-	-	10	1	63	198	198	2
7	piplada		हैण्डपम्प	गैस चूल्हा-35 टीवी-55, फ्रीज-11	मोटर साईकिल-125 साईकिल-75 फोर व्हीलर-05 जेसीबी-02	पर्याप्त	60	2	2	15		10 8	270	299	
8	barod	barnawada	हैण्डपम्प	टी.वी.-30, गैस-6, फ्रीज-05	मोटर साईकिल-55 साईकिल-45 फोर व्हीलर-02	पर्याप्त	55	3	3	17		35 3	362	272	3

9	gothra	gothra	हैण्डपम्प	टी.वी.-15 , गैस-2, फ्रीज-03	मोटर साईकिल-30 साईकिल-25 फोर व्हीलर-01 जेसीबी-01	पर्याप्त	70	1	4	12		12 5	170	180	1
10	kamokhri		हैण्डपम्प	टी.वी.-60, , गैस-25, फ्रीज-07	मोटर साईकिल-150 साईकिल-90 फोर व्हीलर-07 जेसीबी-02	पर्याप्त	65	2	6	19		95	263	273	1
11	mukhandpura		हैण्डपम्प	टी.वी.-65, , गैस-24, फ्रीज-08	मोटर साईकिल-123 साईकिल-82 फोर व्हीलर-05 जेसीबी-03	पर्याप्त	80	5	2	4		85	100	294	
12	rawara		हैण्डपम्प	टी.वी.-05, , गैस-14,	मोटर साईकिल-10 साईकिल-15	पर्याप्त	75	4	4	3		12 3	153	204	
13	jaishingpura		हैण्डपम्प	गैस चूल्हा-35 टीवी-55, फ्रीज-11	मोटर साईकिल-125 साईकिल-75 फोर व्हीलर-05 जेसीबी-02	पर्याप्त	65	6	7	2		23 9	230	104	
14	ishapura														
15	chakishapura														

Socio economic parameters

क्र. सं.	गाँव का नाम	ग्राम पंचायत	गाँव में परिवारों की औसत वार्षिक आय (हजार में)	गाँव में परिवार के सदस्यों का विवरण				गाँव में परिवार के सदस्यों की रोजगार की स्थिति				गाँव में शिक्षा की स्थिति		
				पुरुष	महिला	बच्चे	योग	मजदूरी	सेवा	स्वरोजगार	कृषि	शिक्षित	अशिक्षित	कुल योग
1	2	3	31	32	33	34	35	36	37	38	39	40	41	42
1	sawalpur	maikalan	55000	234	198	201	633	27	2	27	142	348	285	633
2	maikalan		40000	605	575	481	1661	15	2	10	238	1913	748	1661
3	Mai khurd		60000	390	278	274	942	23	2	4	125	518	424	942
4	bohna	Gandawar	55000	332	290	209	831	28	1	7	131	457	374	831
5	binjari		30000	105	92	66	263	17	0	2	30	144	129	263
6	Gandawar		70000	563	490	532	1585	57	5	57	247	871	714	1585
7	piplada		65000	457	378	380	1215	47	2	21	221	668	547	1215
8	barod	barnawada	55000	597	488	545	1630	78	3	23	208	896	734	1630
9	gothra	gothra	75000	765	647	454	1866	63	7	11	125	1026	840	1866
10	kamokhri		30000	304	275	155	734	35	2	2	117	403	331	734
11	mukhandpura		35000	125	88	140	353	30	0	0	63	194	159	353
12	rawara		40000	263	178	331	772	23	1	2	108	397	325	722
13	jaishingpura		55000	378	298	154	830	25	3	3	178	456	374	830
14	ishapura													
15	chakishapura													

Other Development Schemes in the Project area

S.No.	Scheme	Name of the department	Key interventions under the Scheme	Targeted Beneficiaries	Provisions under the Scheme
1	MNREGA	पंचायती राज		38.696	
2	NHM	कृषि विभाग		8.18	
3	ANIMAL HUSBANDRY	पशु पालन विभाग		5.88	
4	LIVELIHOOD	महिला एवं बाल विकास		12.320	
	Total			65.07	

Household and economic activity

S. No.	Description of	Total No. of household	Population No.				SC		S.T.		Total	
			M	F	Ch	Total	No. of H.H.	Members	No. of H.H.	Members	No. of H.H.	Members
1	Cultivators	1933	3504	3066	2190	8760	223	1538	121	847	344	2385
2	Dairying	0	0	0	0	0	0	0	0	0	0	0
3	Poultry	0	0	0	0	0	0	0	0	0	0	0
4	Piggery	0	0	0	0	0	0	0	0	0	0	0
5	Landless Agri Labourers	463	700	612	438	1750	118	875	97	697	215	1512
6	Artisans	0	0	0	0	0	0	0	0	0	0	0
7	BPL	315	870	761	544	2175	62	510	73	438	135	948
8	Others (Specify) Shopkeeper, tuition etc.	115	252	220	158	630	3	37	25	332	28	369
	Total	2248	5326	4659	3330	13315	406	2900	316	2314	722	5214

बेसिक सूचनाएँ

क्र.सं.	1 गाँव का नाम	2 ग्राम पंचायत	3 सरकारी स्कूल	4 टवबनजपवदंस देजपजनजम	5 बिजली	6 मेन रोड से जुड़ाव	7 PHC Hospital	8 Veterary Hospital	9 पोस्ट ऑफिस	10 बैंक	11 मार्केट/ मण्डी	12 No of milk Collection				13 आंगनवाडी
												Union	Society	Private	othe r	
1	sawalpur	maikalan	प्रा.स्कूल	नहीं है	है	नहीं है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
2	maikalan		सै.स्कूल	नहीं है	है	है	है	है	है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
3	Mai khurd		प्राइमरी स्कूल	नहीं है	है	है	है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
4	bohna	Gandawar	प्राइमरी स्कूल (राजीव गांधी)	नहीं है	है	नहीं है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
5	binjari		प्राइमरी स्कूल	नहीं है	नहीं है	नहीं है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
6	Gandawar		उच्च प्राथमिक विद्यालय सै.स्कूल	गीतेश पब्लिक स्कूल, नेहरु पब्लिक स्कूल है	है	है	है	नहीं है	है	है		नहीं	नहीं	नहीं	नहीं	है
7	piplada		उच्च प्राथमिक विद्यालय	अराधना पब्लिक स्कूल	है	है	है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है

8	barod	barnawad a	उच्च प्राथमिक विद्यालय	नहीं है	है	है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
9	gothra	gothra	सै.स्कूल	मार्डन पब्लिक स्कूल,	है	है	है	नहीं है	है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
10	kamokhri		उच्च प्राथमिक विद्यालय	नहीं है	है	नहीं है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
11	mukhandpura		उच्च प्राथमिक विद्यालय	नहीं है	है	नहीं है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
12	rawara		उच्च प्राथमिक विद्यालय	नहीं है	है	है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
13	jaishingpura		उच्च प्राथमिक विद्यालय	नहीं है	है	है	नहीं है	नहीं है	नहीं है	नहीं है		नहीं	नहीं	नहीं	नहीं	है
14	ishapura															
15	chakishapura															

जलग्रहण क्षेत्र के लाभान्वित परिवारों की सामान्य जानकारी

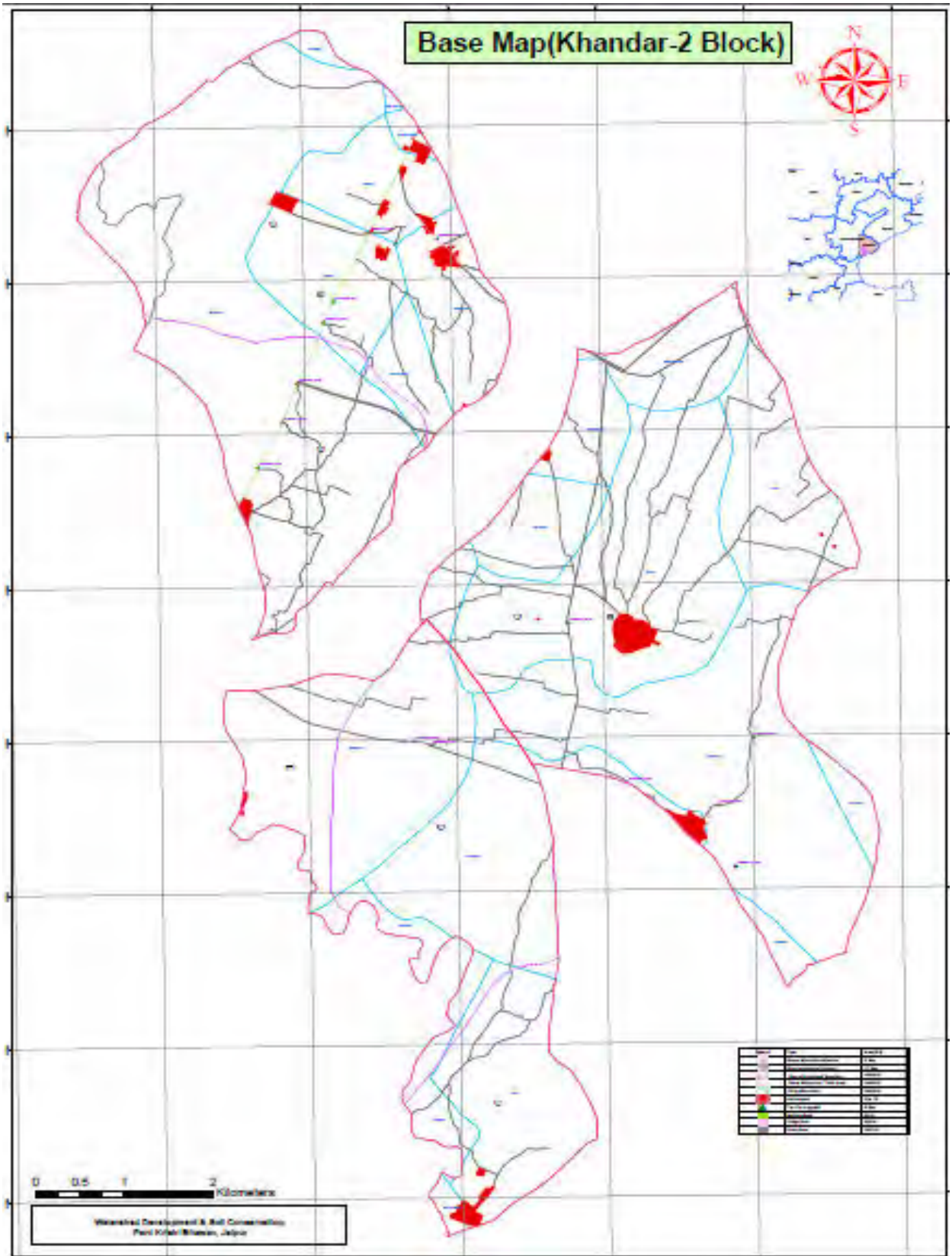
क्र. सं.	परिवारों का विवरण	परिवारों की संख्या	कुल जनसंख्या
1	बी.पी.एल.	315	2175
2	अनुसूचित जाति	316	2314
3	अनुसूचित जनजाति	406	2900
4	ओ.बी.सी.	726	2915
5	सामान्य जाति	485	2511
6	कुल	2248	13315

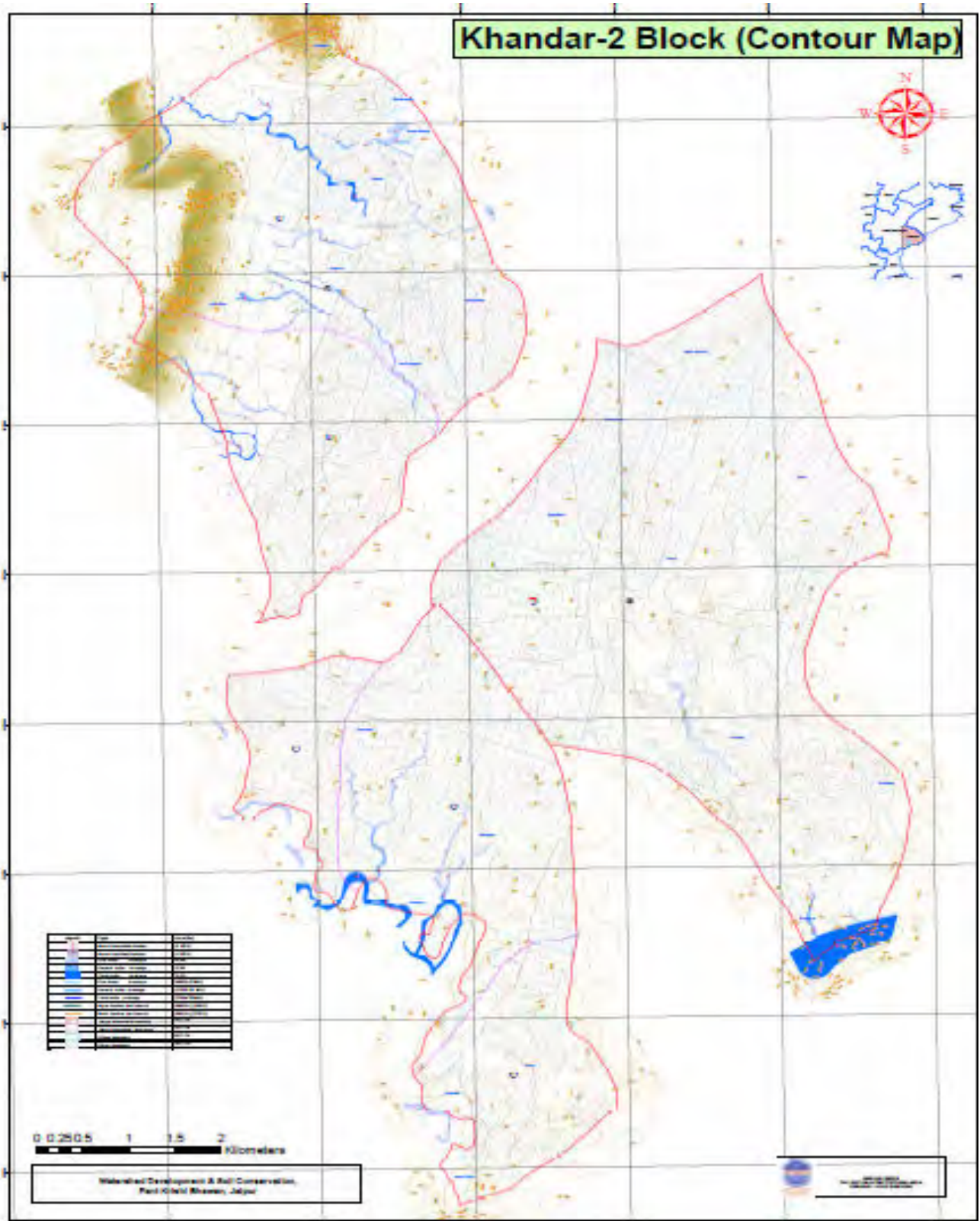
जलग्रहण क्षेत्र के अन्तर्गत श्रेणीवार एवं ग्रामवार परिवारों की संख्या एवं जनसंख्या का विवरण												
क्र. सं.	ग्राम	ग्रा. पंचायत	बी.पी.एल.		अनुसूचित जाति		सामान्य		अन्य पि.वर्ग		अनुसूचित जनजाति	
			परिवार	जनसंख्या	परिवार	जनसंख्या	परिवार	जनसंख्या	परिवार	जनसंख्या	परिवार	जनसंख्या
			1	sawalpur	maikalan	15	103	11	66	23	110	84
2	maikalan		7	182	35	325	80	440	125	796		
3	Mai khurd		35	102	90	115	5	120	30	102		
4	bohna	Gandawar	25	197	51	411	32	81	80	239	23	238
5	binjari		23	40	4	24	10	15	15	60	6	30
6	Gandawar		15	302	10	72	75	215	53	186	109	1190
7	piplada		32	130	7	54	63	526	14	263	68	606
8	barod	barnawada	27	188	102	36	45	110	84	202	88	676
9	gothra	gothra	57	386	6	502	73	525	145	901	5	30
10	kamokhri		32	104	9	105	18	75	25	68		
11	mukhandpura		15	94	5	95	10	35	10	75		
12	rawara		7	137	53	210	21	34	16	40		
13	jaishingpura		15	210	23	305	30	225	45	285		
14	ishapura											
15	chakishapura											

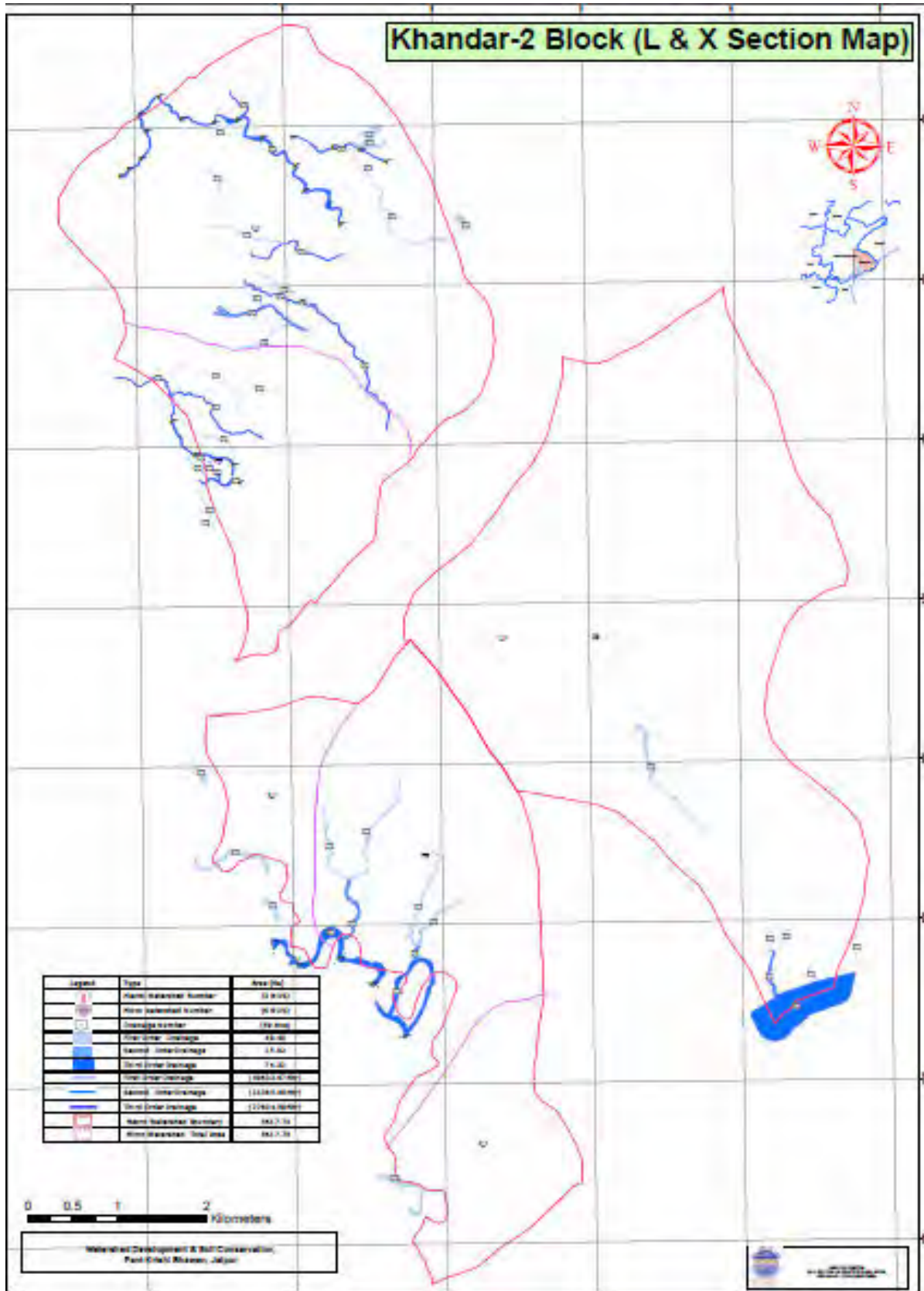
SOCIAL GROUP WISE DETAILS OF AGRICULTURE LAND

Sr. No.	Gen. House Holds	Area (ha)	S.C. Household	Area (ha)	ST Household	Area (ha)	OBC household	Area (ha)	Total
1	485	663	406	1015	316	926	726	760	3364









Khandar-2 Block LULC Map

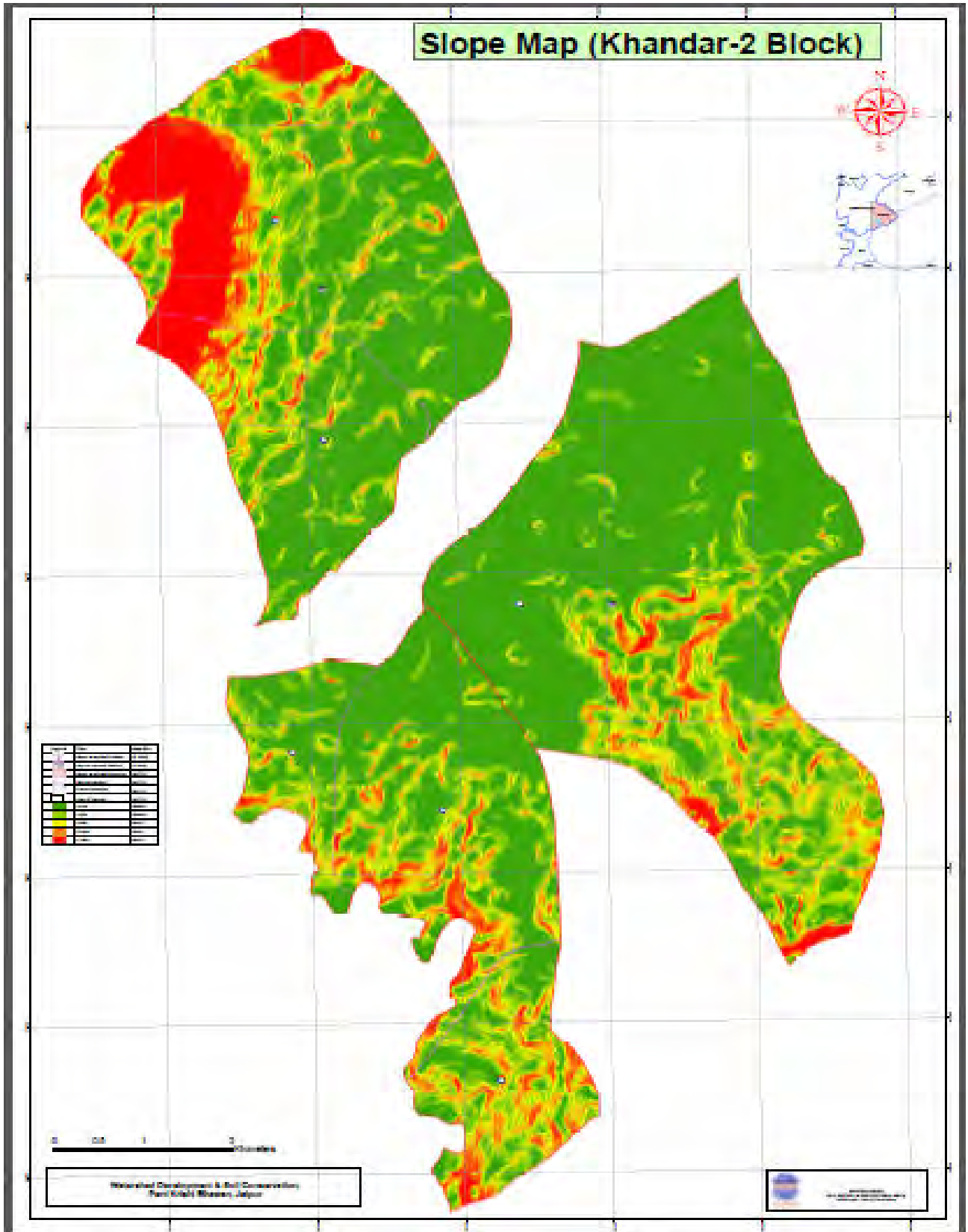


Color	Land Use/Land Cover Class	Area (Hectares)
Dark Green	Forest	1250
Light Green	Barren Land	850
Yellow	Barren Land	1500
Orange	Barren Land	1000
Red	Barren Land	500
Blue	Water	100
White	Barren Land	1000
Grey	Barren Land	500
Black	Barren Land	100



Watershed Development & Soil Conservation,
Rust Kshatri Mission, Jaipur





LAND USE DETAILS OF MICRO WATERSHEDS
PANCHAYAT SAMITI-KHANDAR
DISTRICT-SAWAI MADHOPUR

(Total Geographical area 958 Sq. Km.)

Macro Watersheds					Micro Watersheds										Macro Watersheds					Micro Watersheds										
S. No.	Code No.	Name	Area (ha.)	Priority rating	S. No.	Code No.	Area (ha.)	Major land use (Area in ha.)					RE-MA-RKS	S. No.	Code No.	Name	Area (ha.)	Priority rating	S. No.	Code No.	Area (ha.)	Major land use (Area in ha.)					RE-MA-RKS			
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26					
1	071201	Kush-tala	3900.0	D	1	07120101	425.0	400.0	-	25.0	-	D	RA	8	090308	Awa-nd-II	2573.0	E	1	09030801	460.0	256.0	-	-	204.0	D				
					2	07120102	1645.0	1625.0	-	20.0	-	D	RA					2	09030802	402.0	162.0	-	-	240.0	E					
					3	07120103	480.0	465.0	-	15.0	-	D	RA					3	09030803	640.0	312.0	-	-	328.0	D					
					4	07120104	760.0	630.0	40.0	90.0	-	D	RA					4	09030804	267.0	107.0	-	-	160.0	D					
					5	07120105	590.0	390.0	180.0	20.0	-	D	RA					5	09030805	367.0	50.0	-	-	317.0	E					
																		6	09030806	437.0	172.0	-	-	265.0	B					
2	071202	Jetpur	10277.0	E	1	09030201	1415.0	605.0	170.0	600.0	40.0	D	-	9	090309	Jahpura	10903.0	G	1	09030901	2285.0	-	2285.0	-	-	G	RA			
					2	09030202	487.0	327.0	-	160.0	-	C	-					2	09030902	317.0	-	317.0	-	-	G	RA				
					3	09030203	1130.0	913.0	-	217.0	-	C	RA					3	09030903	945.0	-	945.0	-	-	G	-				
					4	09030204	840.0	816.0	-	24.0	-	D	RA					4	09030904	877.0	-	877.0	-	-	G	-				
					5	09030205	1735.0	1675.0	-	35.0	25.0	C	RA					5	09030905	215.0	-	-	-	215.0	G	-				
					6	09030206	705.0	685.0	-	20.0	-	D	-					6	09030906	307.0	-	180.0	-	127.0	G	-				
					7	09030207	230.0	148.0	-	10.0	72.0	D	-					7	09030907	450.0	-	250.0	-	200.0	G	RA				
					8	09030208	460.0	26.0	434.0	-	-	F	-					8	09030908	450.0	-	180.0	-	270.0	G	RA				
					9	09030209	630.0	103.0	490.0	-	-	E	-					9	09030909	275.0	-	275.0	-	-	G	-				
					10	09030210	1170.0	395.0	560.0	35.0	180.0	E	-					10	09030910	500.0	-	500.0	-	-	G	-				
					11	09030211	665.0	230.0	330.0	65.0	40.0	E	-					11	09030911	348.0	-	348.0	-	-	G	-				
					12	09030212	810.0	260.0	430.0	90.0	30.0	E	-					12	09030912	468.0	25.0	428.0	-	15.0	G	-				
3	090303	Boopur	3507.0	F	1	09030301	610.0	-	610.0	-	-	G	-				13	09030913	256.0	-	256.0	-	-	G	-					
					2	09030302	598.0	110.0	460.0	-	28.0	E	-					14	09030914	451.0	-	331.0	-	120.0	G	-				
					3	09030303	355.0	125.0	270.0	-	-	F	-					15	09030915	570.0	145.0	260.0	-	165.0	D	-				
					4	09030304	412.0	182.0	130.0	80.0	20.0	E	-					16	09030916	900.0	453.0	-	-	147.0	C	-				
					5	09030305	642.0	22.0	620.0	-	-	G	-					17	09030917	230.0	25.0	-	-	205.0	F	-				
					6	09030306	850.0	-	850.0	-	-	G	-					18	09030918	435.0	15.0	-	-	420.0	F	-				
4	090304	Toda-I	6375.0	F	1	09030401	745.0	127.0	618.0	-	-	E	-				19	09030919	737.0	177.0	-	-	560.0	F	-					
					2	09030402	595.0	430.0	110.0	20.0	35.0	B	-					20	09030920	187.0	-	-	-	187.0	G	-				
					3	09030403	535.0	238.0	212.0	15.0	70.0	D	RA					10	090310	Daulat-pura-I	3420.0	B	1	09031001	1025.0	400.0	-	-	625.0	D
					4	09030404	560.0	-	560.0	-	-	G	-					2	09031002	790.0	260.0	-	-	530.0	E					
					5	09030405	385.0	10.0	375.0	-	-	G	-					3	09031003	880.0	355.0	-	-	525.0	E					
					6	09030406	520.0	290.0	170.0	15.0	45.0	D	-					4	09031004	725.0	357.0	-	-	368.0	E					
					7	09030407	495.0	220.0	275.0	-	-	D	-					11	090311	Daulat-pura-II	1176.0	D	1	09031101	2070.0	1585.0	465.0	20.0	-	C
					8	09030408	455.0	20.0	345.0	-	90.0	F	-					2	09031102	565.0	288.0	277.0	-	-	D					
					9	09030409	685.0	150.0	242.0	-	293.0	E	-					3	09031103	680.0	680.0	-	-	-	D					
					10	09030410	380.0	80.0	220.0	-	80.0	E	-					4	09031104	905.0	167.0	633.0	-	105.0	E					
					11	09030411	690.0	110.0	410.0	-	170.0	E	-					5	09031105	560.0	44.0	130.0	-	386.0	B					
					12	09030412	330.0	40.0	190.0	-	100.0	F	-					6	09031106	430.0	400.0	-	-	30.0	D					
5	090305	Toda-II	1100.0	G	1	09030501	1100.0	-	1100.0	-	-	G	RA				7	09031107	305.0	60.0	-	-	245.0	E						
6	090306	Toda-III	1570.0	D	1	09030601	450.0	290.0	125.0	-	35.0	C	-				8	09031108	975.0	140.0	805.0	-	30.0	E						
					2	09030602	1015.0	325.0	95.0	-	595.0	B	-				9	09031109	868.0	157.0	711.0	-	-	E						
					3	09030603	105.0	20.0	-	-	85.0	B	-					10	09031110	298.0	176.0	-	-	122.0	D					
7	090307	Awa-nd-I	11069.0	G	1	09030701	443.0	-	443.0	-	-	G	RA				11	09031111	570.0	183.0	365.0	-	22.0	E						
					2	09030702	599.0	-	599.0	-	-	G	-				12	09031112	1330.0	265.0	915.0	-	150.0	E						
					3	09030703	130.0	-	130.0	-	-	G	-					13	09031113	555.0	555.0	-	-	-	D					
					4	09030704	242.0	-	242.0	-	-	G	-				14	09031114	896.0	681.0	20.0	219.0	C							
					5	09030705	365.0	70.0	250.0	-	45.0	F	RA				15	09031115	435.0	305.0	-	-	130.0	C						
					6	09030706	248.0	97.0	126.0	-	25.0	F	-				16	09031116	350.0	215.0	-	-	135.0	C						
					7	09030707	710.0	198.0	402.0	-	110.0	F	-					12	090312	Gonda-war	1112.0	D	1	09031201	605.0	172.0	-	433.0	E	
					8	09030708	150.0	-	150.0	-	-	G	-					2	09031202	385.0	120.0	-	265.0	E						
					9	09030709	975.0	305.0	602.0	20.0	45.0	B	-					3	09031203	122.0	102.0	-	20.0	D						
					10	09030710	270.0	-	270.0	-	-	G	-					13	090313	Gathra-I	3400.0	C	1	09031301	1120.0	838.0	-	142.0	140.0	D
					11	09030711	430.0	-	430.0	-	-	G	-					2	09031302	2280.0	1968.0	-	160.0	152.0	C					
					12	09030712	202.0	-	202.0	-	-	G	-					14	090314	Gathra-II	1542.0	D	1	09031401	668.0	115.0	-	553.0	E	
					13	09030713	475.0	-	475.0	-	-	G	-					2	09031402	317.0	35.0	-	-	282.0	E					
					14	09030714	140.0	-	140.0	-	-	G	-					3	09031403	557.0	340.0	-	-	217.0	D					
					15	09030715	135.0	-	135.0	-	-	G	-					15	071215	Padra	2460.0	C	1	07121501	720.0	415.0	-	190.0	115.0	C

CHAPTER V

Consolidate Annual Action Plan

Total Cost- 532.56 Lacs

Through Project Fund

Total Area- 4438 Ha.

Activity	1st year 2010-11		2nd year 2011-12		3rd year 2012-13		4th year 2013-14		5th year 2014-15		6th year 2015-16		7th year 2016-17		Total	
	Ph	Fin	Ph	Fin	Ph	Fin	Ph	Fin	Ph	Fin	Ph	Fin	Ph	Fin	Ph	Fin
Admn.		53.25		10.65		10.65		10.65		5.32		5.32		5.34		53.25
Monitoring		5.32		1.06		1.06		1.06		0.53		0.53		0.55		5.32
Evaluation		5.32		2.12				1.59				1.61				5.32
EPA		21.30		5.32		5.32		5.32		2.66		1.33		1.35		26.62
I & CB		5.32		5.32		5.32		5.32		5.32		8.79		7.24		5.32
DPR		117.13		37.79		17.03		18.62		8.51		8.79		7.24		117.13
Total (A)																

Natural resource management(56%)


Activity	No.	Unit	Conservation measures for arable land/private land		No.	Unit	No.	Unit	No.	Unit	No.	Unit	No.	Unit	No.	Unit	Total	
			Ph	Fin														Ph
Earthen Check Dam	158	0.31 P.No.	0	0	28	8.68	128	18.68	28	8.68	10	3.18	93	29.04	23	7.13	158	48.68
Field Bunding/Medbandi	62204	88/- P.M	0	0	10600	9.34	10600	9.34	60	8.712	0	0	0	0	0	0	62204	54.73
Talai with Waste Weir	4	3.41 P.No.	0	0	23	4.60	23	4.60	23	4.60	0	0	0	0	0	0	4	13.64
Repair of existing structures	132	0.20 P.No.	0	0	16	3.68	16	3.68	16	3.68	16	5.08	16	5.08	16	5.08	132	26.40
Waste Wear	95	0.23 P.No.	0	0	16	3.68	16	3.68	16	3.68	16	5.08	16	5.08	16	5.08	95	21.85
Total (1)			0	0	29.55	39.92	26.28	26.28	26.28	39.92	0	0	0	0	0	0	165.60	165.60

Activity	No.	Unit	Pasture development		No.	Unit	No.	Unit	No.	Unit	No.	Unit	No.	Unit	No.	Unit	Total	
			Ph	Fin														Ph
Pasture Development	8	49000 PH	0	0	4	1.72	4	1.72	0	0	0	0	0	0	0	0	8	3.87
V - ditch	2500	115 PM	0	0	7	825	7	825	600	6.57	150	0.17	100	0.11	2500	0.11	2500	2.87
D.C.B. Fencing	480	4600 PH	0	0	40	1.84	40	1.84	30	1.36	30	1.36	20	0.92	180	0.92	180	8.28
Seed Sowing	7226	42 PP	0	0	120	5.04	1500	6.3	1500	6.3	1200	5.04	926	0.38	900	0.37	7226	3.035
Afforestation	2	177 PN	0	0	2	3.54	0	0	0	0	0	0	0	0	0	0	2	3.54
Water Harvesting Structure (Talai)			0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Handwritten notes and signatures in blue ink, including dates like '45' and various official stamps and signatures.

कार्यालय ग्राम पंचायत मेई कलौ

पंचायत समिति खण्डार, जिला सवाई माधोपुर (राज.)

<p>श्रीमती कान्तादेवी सरपंच ग्राम पंचायत मेईकलौ मो. 9929125266</p>		<p>प्रेषिति :- श्रीमान <u>सहायक आयुक्ता</u> <u>I W M P. खण्डार</u></p>
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क्रमांक SP1

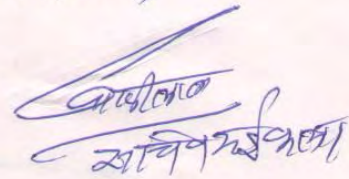
दिनांक 28-6-2019

विषय! - ग्राम पंचायत के ठेक DPR अनुमोदन कि सूचना बाबत

इसके विषय अन्तर्गत निवेदन डीके-5-6-2019

दिनांक के प्रस्ताव संख्या-4 पर सर्वसम्मति से
I W M P परियोजना ग्राम पंचायत मेई कलौ की DPR एवं
वेध-5-प्रजेक्ट इवलेमेंट प्लान सहित केस
की सर्व सम्मति से अनुमोदन किया गया

मान्य
सरपंच
ग्राम पंचायत मेईकलौ
खण्डार (रा.मा.)


सचिव

कार्यालय ग्राम पंचायत बरनावदा

पंचायत समिति खण्डार, जिला सवाई माधोपुर (राज.)

देवीराम बैरवा

सरपंच
ग्राम पंचायत बरनावदा
मो. 9610736073



प्रेषिति :-

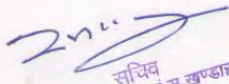
श्रीमान सहायक इंजीनियर
मलमल विभाग एचएचए
प न २७५५

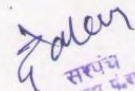
क्रमांक : ४०६

दिनांक २०/०१/१२

विषय :- ग्राम पंचायत बैठक में WPR अनुमोदन की
सूचना कोष

उपरोक्त विषयान्वयित निवेदन है कि दिनांक २०/१/१२
को पुस्ताव संख्या ०३ पर सर्व सहमति के IWP
परिपोजना ग्राम पंचायत बरनावदा की WPR एवं
पेक्टर ५ प्रोजेक्ट डवलपमेंट प्लान जर्नल
कोरम की सर्व सहमति के अनुमोदन किया गया।


सचिव
ग्र.पं. बरनावदा प.स. खण्डार


सरपंच
ग्र.पं. बरनावदा प.स. खण्डार

कार्यालय ग्राम पंचायत गोठड़ा

पंचायत समिति खण्डार, जिला सवाई माधोपुर (राज.)

<p>मोतीलाल जाट सरपंच ग्राम पंचायत गोठड़ा मो. 9414553188</p>		<p>श्रीमान् सहायक अभियन्ता जल उपकरण विभाग १९ क्षेत्र ५९ प.स. खण्डार</p>
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क्रमांक : १००-१

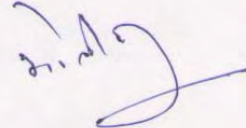
दिनांक २०.६.१२

विषय :- ग्राम पंचायत के एक से DPR अनुमोदन की सूचना
बाबत,

महोदय,

उपरोक्त विषयान्तर्गत विवेदन है कि दि० २०.६.२०१२
के उस्ताव सं० ३ पर सर्वसम्मति से IWMP परियोजना
ग्राम पंचायत गोठड़ा की DPR एवं-चेयर ५ प्रोजेक्ट
इवोलपमेन्ट प्लान सहित कोरम की सर्वसम्मति से
अनुमोदन किया गया।


सचिव
ग्रा.पं.गोठड़ा पं.स.खण्डार


सहायक
ग्रा.पं.गोठड़ा पं.स.खण्डार
१९६९

ग्राम - रावबरा

ग्राम गोठडा

रावबरा

मेन रोड रावबरा

आवाजीवेला



स्कूल

राजीव गांधी



आवाजी



आवाजी

- कृषिश्रमि -

ग्राम - कंगोखेडी

ग्राम पंचायत - गोहडा

खण्डार्

पृथिवी भूमि

मेनरोड

अक्षयपुरा

रावरा

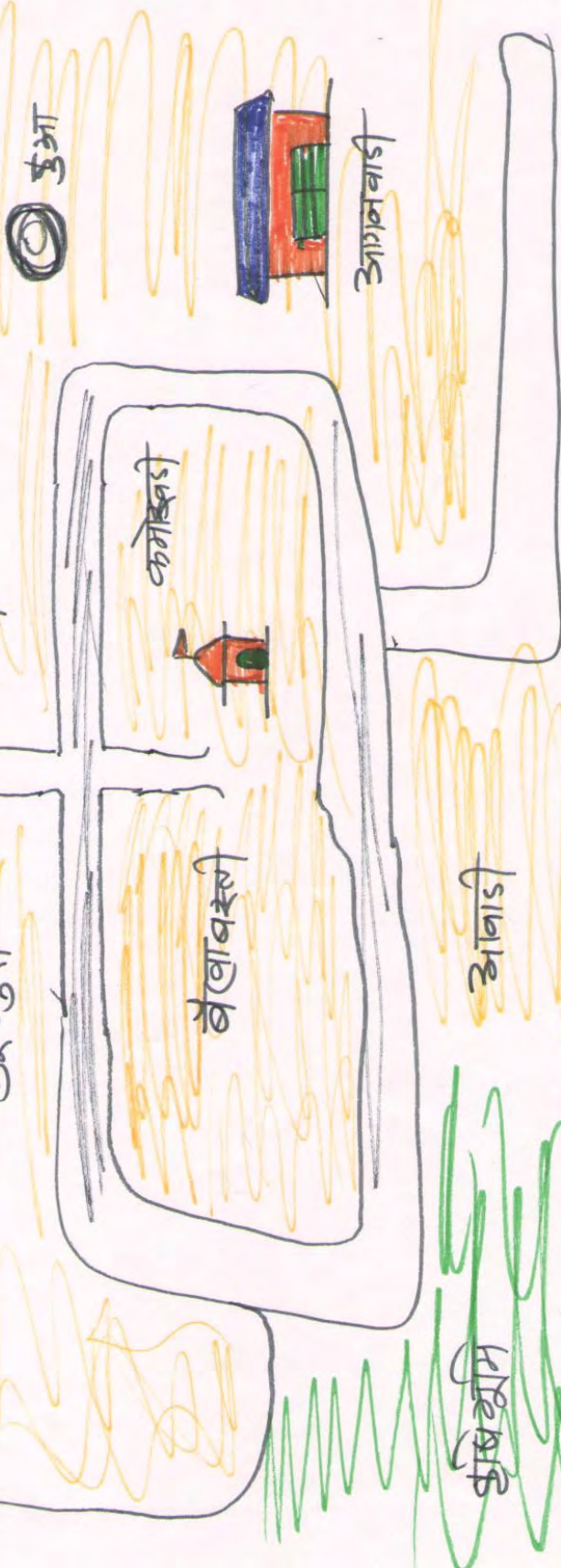
कंगोखेडी

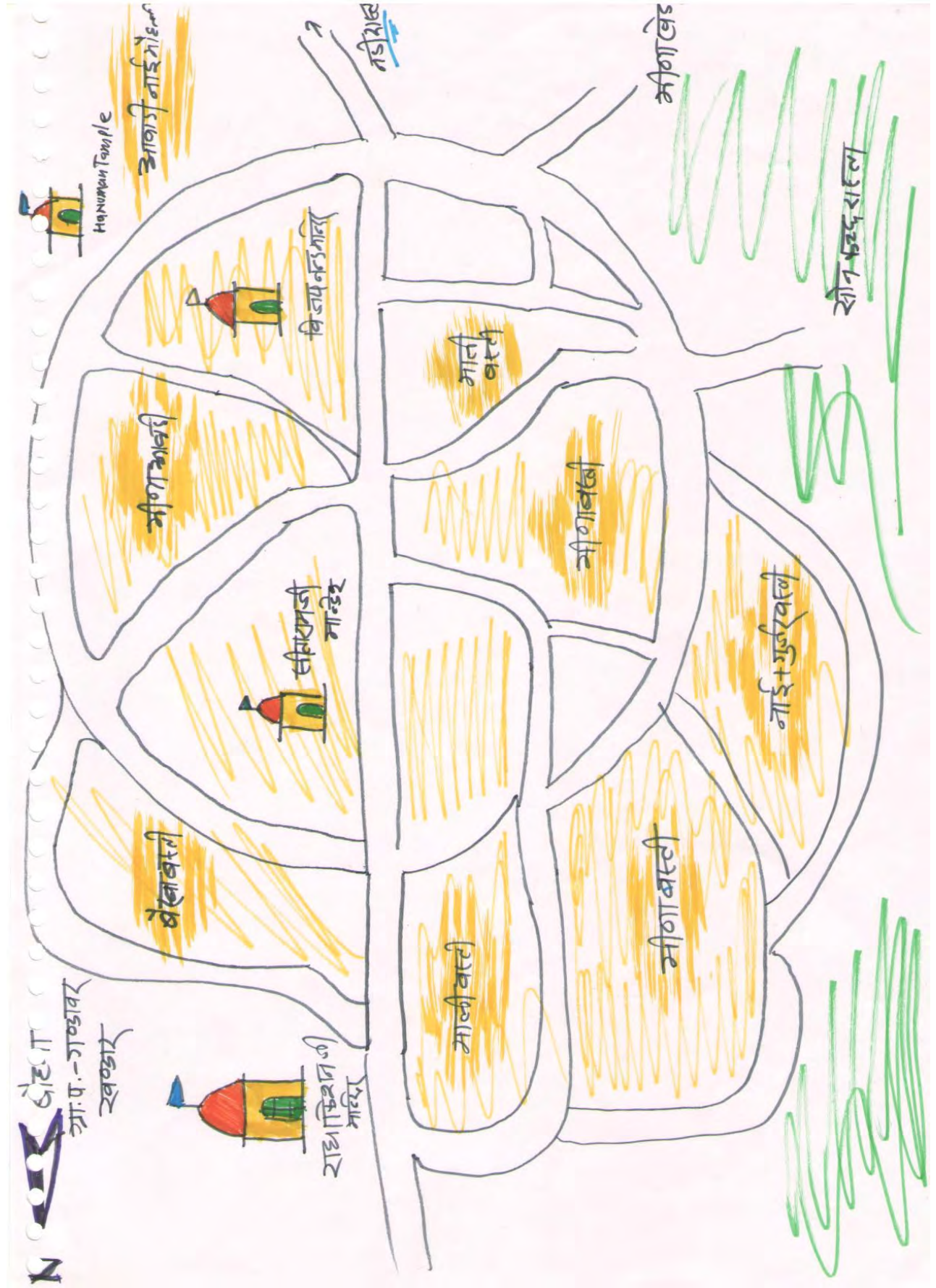
बैलावस्ती

पृथिवी भूमि

आवाडी

आजलवाडी







ग्राम - राजमार्ग
 ग्रामपंचायत - मंडिकला
 रेवडार



पशु आश्रयण

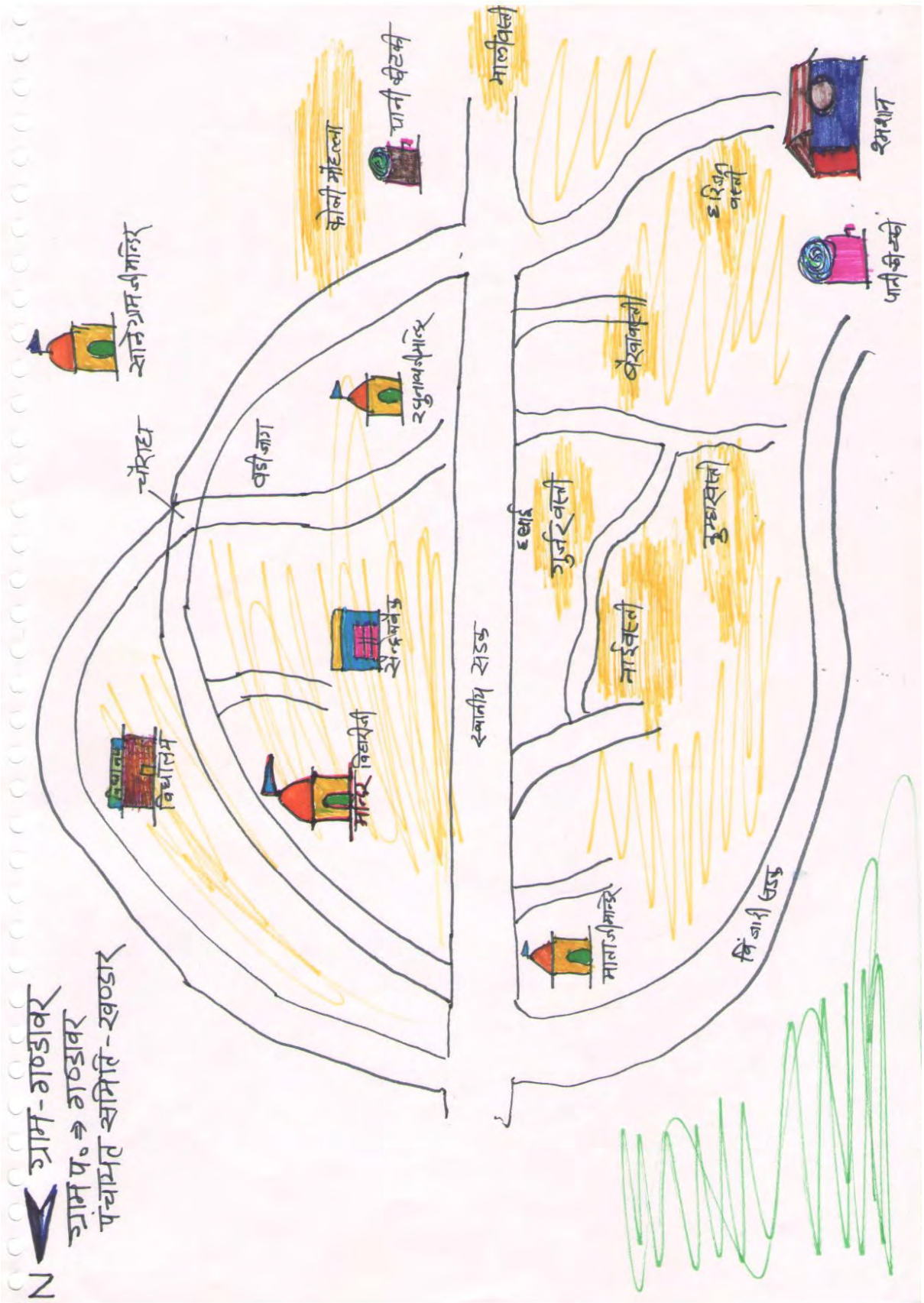
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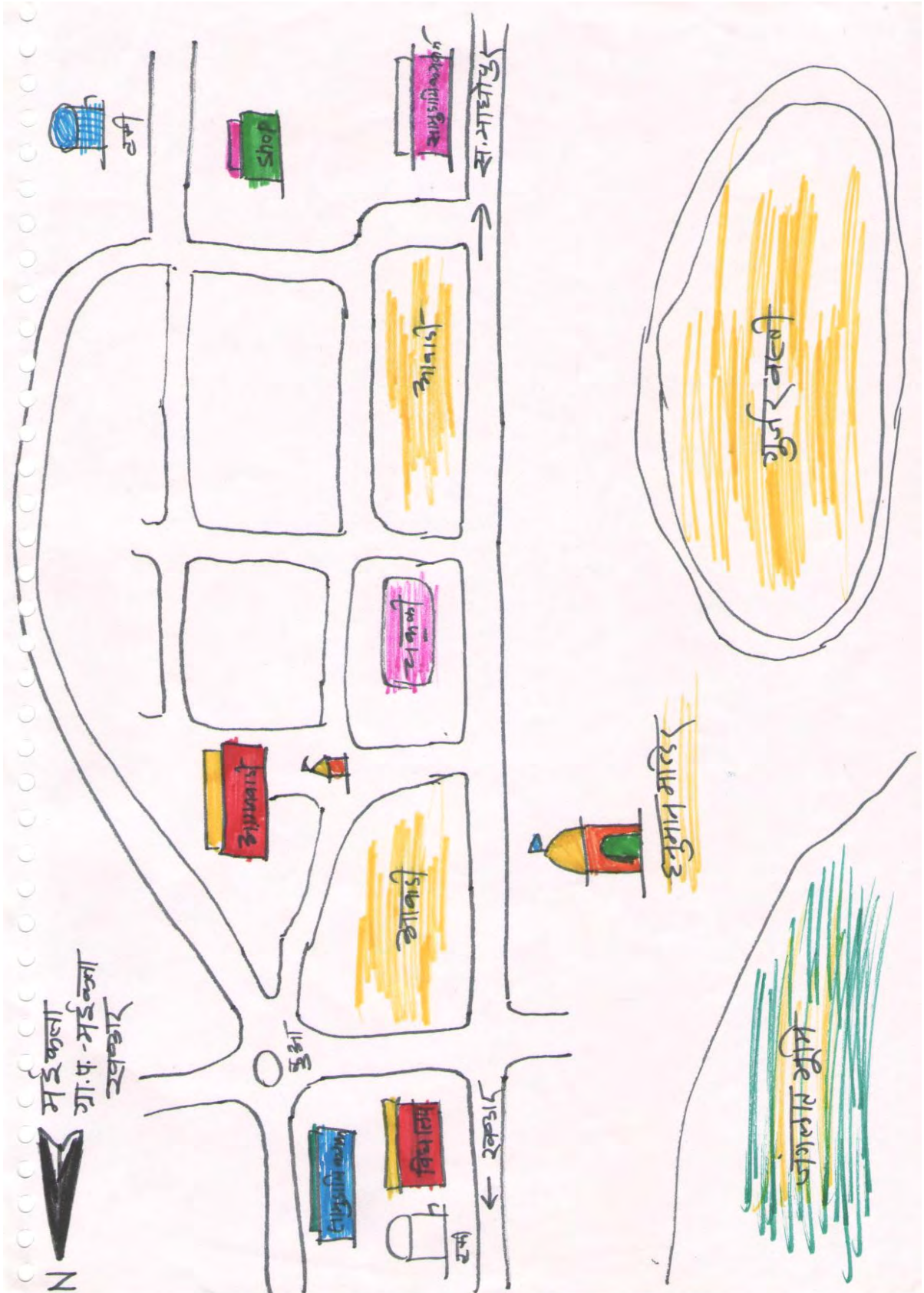
ग्राम पंचायत- गण्डावर
पंच स०- खण्डार

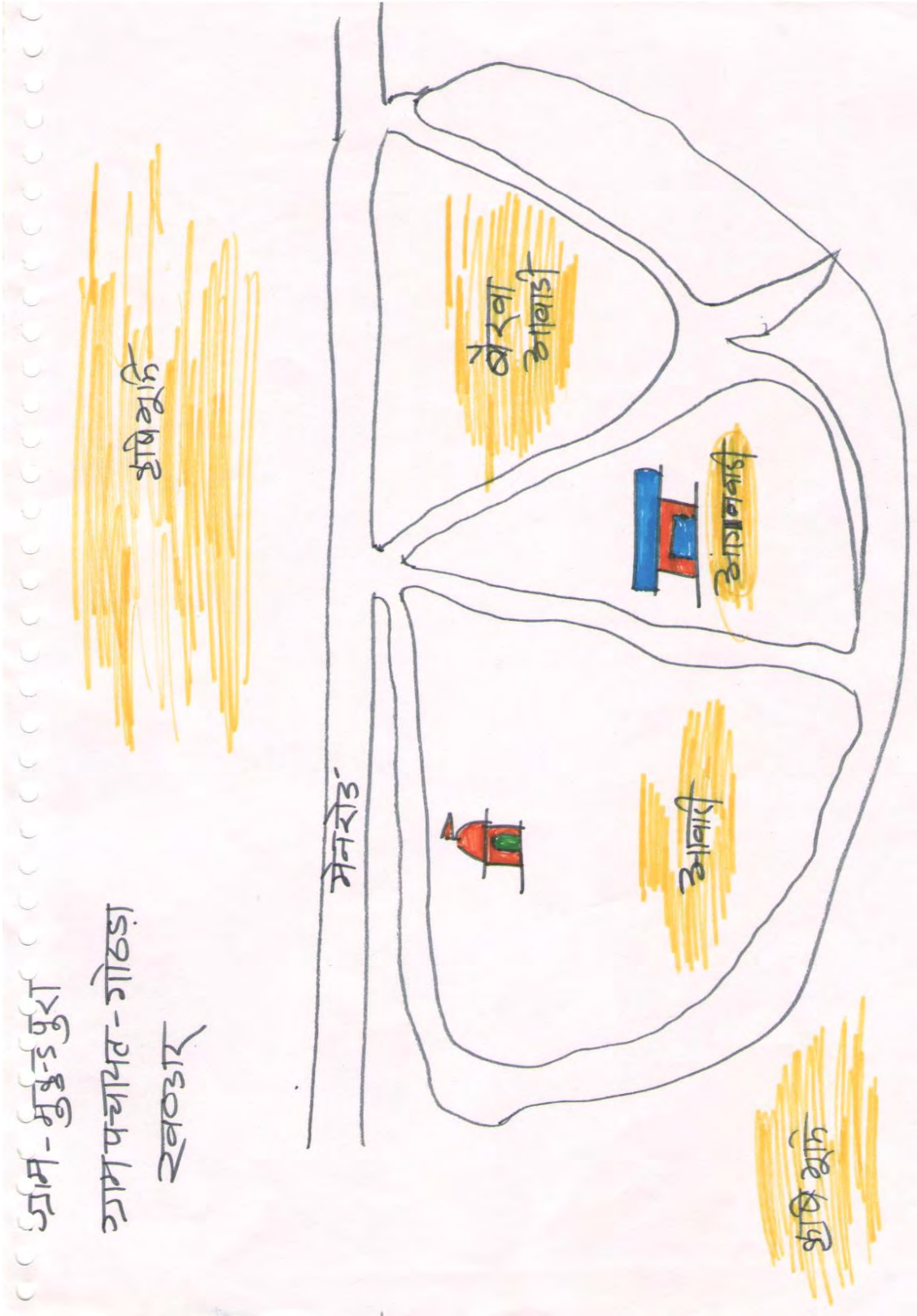


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 गा.फ. - गोडडा
 स्वच्छार

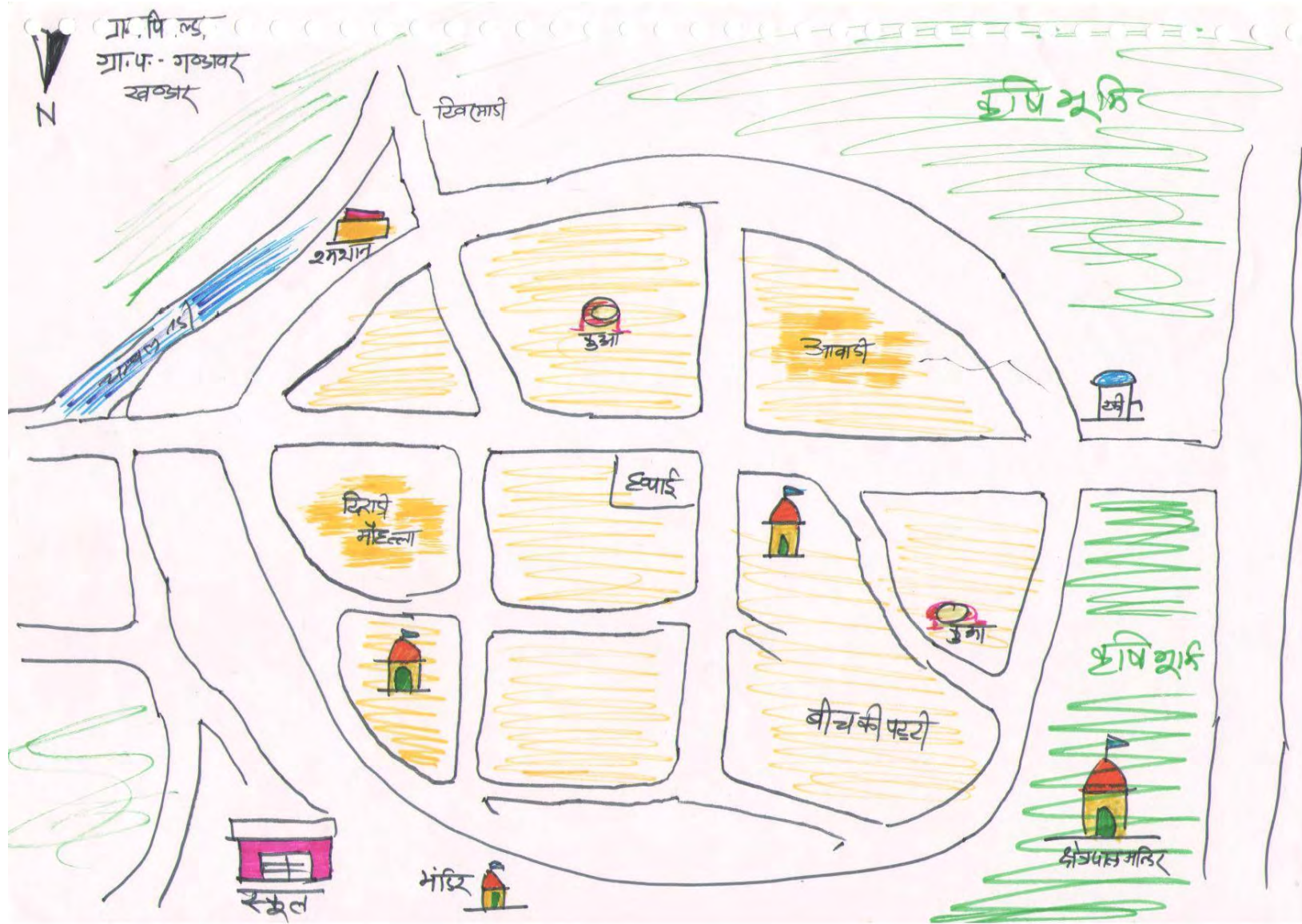












राजस्थान सरकार
ग्रामीण विकास एवं पंचायती राज
(निदेशालय जलग्रहण विकास एवं भू संरक्षण, राजस्थान, जयपुर)

क्रमांक : एफ.18(आई-51)निजमूस / आईडब्ल्यूएमपी / 2010-11 / 2,12,1-2,160 दिनांक : 14-9-10

समस्त परियोजना प्रबन्धक,
(जिला जलग्रहण विकास इकाई) एवं
अधिसाधी अभियन्ता (भू संसाधन),
जिला परिषद, (सीकर एवं श्रीगंगानगर को छोड़कर)

- विषय :- एकीकृत जलग्रहण प्रबन्धन परियोजना(आई.डब्ल्यू.एम.पी.) के अन्तर्गत वर्ष 2010-11 में स्वीकृत जलग्रहण क्षेत्रों की प्रशासनिक एवं वित्तीय स्वीकृति बाबत।
प्रसंग :- भू संसाधन विभाग, ग्रामीण विकास मंत्रालय, भारत सरकार के पत्रांक S-11013/6/2010-WMP (Rajasthan) दिनांक 27 जुलाई, 2010 के क्रम में

उपरोक्त विषयान्तर्गत एवं भारत सरकार के प्रासंगिक पत्र द्वारा भू संसाधन विभाग, ग्रामीण विकास मंत्रालय, भारत सरकार द्वारा आई डब्ल्यू एम पी योजनान्तर्गत वर्ष 2010-11 हेतु स्वीकृत 207 परियोजनाओं की प्रशासनिक एवं वित्तीय स्वीकृति एतद्वारा जारी की जाती है। इन परियोजनाओं के अन्तर्गत राज्य के 31 जिलों की 142 पंचायत समितियों में संलग्न सूची अनुसार कुल 1222127 हेक्टेयर क्षेत्र उपचारित किया जाना है, जिन पर कुल राशि रु. 1693.473 करोड़ खर्च किये जाने हैं। इस परियोजना के क्रियान्वयन में भारत सरकार एवं राज्य सरकार के अंशदान का अनुपात 90 : 10 रहेगा।

परियोजना का क्रियान्वयन संलग्न किये जा रहे भारत सरकार के प्रासंगिक स्वीकृति पत्र में वर्णित शर्तों के अनुसार भारत सरकार द्वारा जारी समतल मार्गदर्शी सिद्धान्त-2008 एवं राज्य सरकार-जलग्रहण विकास एवं भू संरक्षण विभाग द्वारा समय-समय पर जारी किये जाने वाले दिशा-निर्देशानुसार किया जावे।

इन जलग्रहण परियोजनाओं के क्रियान्वयन हेतु सहायक अभियन्ता, जलग्रहण विकास एवं भू संरक्षण विभाग सम्बन्धित पंचायत समिति परियोजना क्रियान्वयन एजेन्सी नियुक्त किये जाते हैं। जिन पंचायत समितियों में विभाग के सहायक अभियन्ता पदस्थापित नहीं है, उन पंचायत समितियों में नरंगा योजनान्तर्गत इस विभाग के पदस्थापित सहायक अभियन्ता एवं विभागीय पत्रांक 1339-1508 दिनांक 30.7.2010 के अनुसार सहायक परियोजना अधिकारी (भू संसाधन) परियोजना क्रियान्वयन एजेन्सी होंगे।

इन परियोजनाओं हेतु भारत सरकार एवं राज्य सरकार द्वारा हस्तान्तरित राशि जिला जलग्रहण विकास इकाई सम्बन्धित जलग्रहण समिति को उनके हिस्से की राशि परियोजना प्रबन्धक एवं लेखाधिकारी, जिला परिषद के संयुक्त हस्ताक्षर से 15 दिवस में हस्तान्तरित की जावें।

जिला स्तर, पी.आई.ए. स्तर एवं जलग्रहण समिति स्तर पर आई.डब्ल्यू.एम.पी. योजनान्तर्गत पूर्व में जारी निर्देशों के अनुसार रजिस्टर एवं अभिलेखों का संधारण किया जायेगा।

संलग्न : भारत सरकार से प्राप्त स्वीकृति पत्र

स्वीकृत आई.डब्ल्यू.एम.पी. परियोजनाओं की विस्तृत सूची

मुख्य कार्यकारी अधिकारी
एस.एल.एन.ए. एवं निदेशक

क्रमांक : एफ.18(आई-51)निजभूस/आईडब्ल्यूएमपी/2010-11/2।2।-2460 दिनांक : 14-9-10

प्रतिलिपि निम्नांकित को सूचनार्थ एवं आवश्यक कार्यवाही हेतु प्रेषित है :-

1. अतिरिक्त मुख्य सचिव (विकास) एवं चेयर पर्सन, एस.एल.एन.ए., राज. जयपुर।
2. प्रमुख शासन सचिव (वित्त), राजस्थान, जयपुर।
3. प्रमुख शासन सचिव, ग्रामीण विकास एवं पंचायती राज, राजस्थान, जयपुर।
4. शासन सचिव, ग्रामीण विकास विभाग राजस्थान, जयपुर।
5. आयुक्त, ई.जी.एस., राजस्थान, जयपुर।
6. निदेशक, जलग्रहण विकास एवं भू संरक्षण, राजस्थान, जयपुर।
7. श्री वी.एम.अरोड़ा, निदेशक, डी.डी.पी., भू-संसाधन विभाग, ग्रामीण विकास मंत्रालय, भारत सरकार, ब्लॉक-11, सी.जी.ओ. कॉम्प्लेक्स, लोधी रोड़, नई दिल्ली।
8. समस्त जिला कलक्टर (सीकर एवं श्रीगंगानगर को छोड़कर)
9. परियोजना निदेशक (भू संसाधन), ग्रामीण विकास विभाग, राजस्थान, जयपुर।
10. समस्त मुख्य कार्यकारी अधिकारी, जिला परिषद (सीकर एवं श्रीगंगानगर को छोड़कर)
11. अतिरिक्त निदेशक, जलग्रहण विकास एवं भू संरक्षण, राजस्थान, जयपुर।
12. मुख्य लेखाधिकारी, जलग्रहण विकास एवं भू संरक्षण, राजस्थान, जयपुर।
13. समस्त लेखाधिकारी (सीकर एवं श्रीगंगानगर को छोड़कर) जिला परिषद
14. सहायक अभियन्ता, सम्बन्धित पंचायत समिति जिला

मुख्य कार्यकारी अधिकारी
एस.एल.एन.ए. एवं निदेशक

No.	District	Panchyat Samiti	Name of the project as per GOI	Local name of the project	Micro-watershed No. /villages covered	No. of micro-watersheds / Villages	Proposed project area (ha)	Project area (ha)	Cost per ha.	Total Cost	Names of Gram Panchayats	Names & Census Code of Villages covered	Name of PIA
91	S. Madhopur	Kpandar	S. Madhopur (IWMP) 4/10-11	Daulatpura, Gothra	11/10,11,12,14,16,13/2	6	5718	5535	0.12	664.2	Maikalan, Gandwar, Bernoda, Gothra.	1. Pipolda-1338300, 2. Barod-1338400, 3. Gothra-1334700, 4. Gandawar-1338200, 5. Maikala-1334600, 6. Bohna-1338000, 7. Bijiari-1338100	AEN, DWDC
92			S. Madhopur (IWMP) 5/10-11	Jaitpura Todra	2/4,5,8,9,10,11,12,4/1,2,3,7	11	4944	4944	0.12	593.28	Phalodi, Pecholas, Rawanjna Chaur, Khijuri	1. Phalodi-1324300, 2. Pacholag-1322000, 3. Kheria-1321800, 4. Rawanjna Chaur-1322300 5. Rawanjna Dungar-1322500, 6. Peepalwara-1321500	AEN, DWDC
193	S. Madhopur		S. Madhopur (IWMP) 6/10-11	Sirohi & Bhedoli	6/1,2,7/5,7,8,12,13,14,15,16,10/3,4	10	5519	5519	0.12	662.28	Pawdera, Bhedola, Jopara, Bhagwat Grah	1. Nayagaon 01307900, 2. Pawdera 01307800, 3. Gunshija 01307700, 4. Sner singh pura 01308000, 5. Nahri khurd 01308100, 6. Torda 01308300, 7. Sirohi 01308200, 8. Triokpura 01308400, 9. Manpura 01308600, 10. Bhagwat Grah 01308500	AEN, DWDC
194		Bonli	S. Madhopur (IWMP) 7/10-11	Gudia Sarawata	13/1,2,14/1,2,34,5,15/1,2	7	6119	6119	0.12	734.28	Hathrol, Nimod, Jolanda	1. Karadi (0134800), Gudia Nadi (01304900), Sawasa (01305000), Basera Nadi (01305100), Sahcawel (013052000), Hath rol (01305300), Bordia (0129600), Manashra (01290800), Rathod (01304700)	AEN, DWDC
					Total	34	22300	22117		2654.04			