

**VDC/WARD  
DEVELOPMENT PROFILE  
OF  
Huwas VDC**

VDC / WARD PROFILE

District : Parbat, VDC -4 -Huwas

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
0. Data Sources										
Date of Survey (M/D/Y)										
Interviewee(s)										
1. Area and Location										
1.1 Settlement(s) (Village)										
	Dharampani	Painthok	Parvu	Baidanda	Gharadi	Mulgaon	Mardikhola	Huwas	Jaisidanda	
	Kharstola	Gaichhina	Hatia	Gurunggaon	Kyamune	Pachimas	Patanehok	Hansdanda	Damaidanda	
	Kamiaran	Kijuk	Mardikhola	Stranghar	Basyaidanda	Kholapani	Aapadanda	Amaidanda	Bhogatechark	
	Dunda	Dharampani		Simle	Gairaghar	Chisapani	Kauandanda		Musalibok	
1.2 Distance to :	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus
Pokhara	5	3.5	5	3.5	3	4	3.5	5	4	3
Kusma	14	14	13.5	12	12	11	4	6	4	6
Waling	5	5	5	3.5	4	3.5	4	4	4	3.5
Syangla	5	1.5	5	1.5	4	1.5	4	2	4	1.5
1.3 Land use										
a. Agricultural Land										
Hectare	75.0	16.5	80.0	55.0	17.5	75.0	95.0	110.0	135.0	699.0
Hectare	25.0	6.5	35.0	20.0	7.5	35.0	70.0	45.0	80.0	324.0
Hectare	50.0	10.0	45.0	35.0	10.0	40.0	25.0	65.0	55.0	375.0
b. Forest land										
Com. forest (Formal)										
Hectare	17.0		12.5		12.0			0.5	25.0	23.5
Com. forest (IF)										
Hectare	2.5	3.0			3.5				0.5	9.1
Private forest										
Hectare		2.6								0.0
Other forest										
Hectare	10.0	2.0				0.2	1.5		2.0	15.7
c. Grazing land										
Hectare	5.0	5.8	3.0	20.0	7.5	3.5	7.5	0.3	20.0	72.5
d. Settlement										
e. Others										
2. Demography										
2.1 Household										
nos.	70	113	57	112	150	60	82	63	197	904
a. Total H										
nos.	20	20	20	28	25	10	10	8	15	156
b. Woman headed H										
2.2 Ethnic groups										
H hold	3	41	18	78	99	36	41	54	150	540
H hold			7		3		3	2	25	14
H hold	1	26		28						60
H hold	1									28
H hold	24	2			9		12		9	56
H hold	24	3					1		4	4
H hold	3	3	7	5	12		25	6	6	64
H hold	2	25	24		9			1	36	29
H hold	19	10			18				24	47
H hold	22	1							24	24
H hold										1
m. Other 3										
Gains										

VDC / WARD PROFILE

District : Parbat, VDC -4 -Huwas

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
<b>2.3 Population</b>										
a. Male persons	340	350	225	350	350	175	200	232	550	2772
b. Female persons	360	450	175	450	200	200	250	180	650	2915
c. Total persons	700	800	400	800	550	375	450	412	1200	5687
<b>2.4 Age distribution</b>										
5 yrs persons	50	62	40	68	96	59	61	59	168	663
6 and 15 yrs persons	150	145	78	152	101	88	91	84	201	1090
16 and 24 yrs persons	170	178	84	190	81	91	101	99	293	1287
25 and 44 yrs persons	182	181	69	172	87	62	59	57	189	1058
45 and 59 yrs persons	130	140	77	120	65	53	61	46	178	870
60 yrs persons	18	94	52	98	120	22	77	67	171	719
<b>2.5 Education level</b>										
a. University Male persons			4		1			2	3	10
Female persons										
b. College Male persons	9	9	24	4	3	7	5	3	5	60
Female persons	2	5	13	2			1		1	24
c. S.L.C. pass Male persons	15	27	20	20	4	9	16	10	20	121
Female persons	6	5	6	12	4	3	1		15	52
<b>2.6 Occupation</b>										
a. Carpenter persons	7	3	6	7	5	3	3	2	9	45
b. Black Smith persons	2				1				3	6
c. Tailor persons	1	25			2		3	2	20	53
d. Bamboo Work persons						45			20	65
e. Other handicraft persons										
f. Mason (Brick Layer) persons	12	7	3	8	12	6	7	3	10	68
g. Teachers persons	1	4	3	5	1	1	5	6	8	33
h. Porters persons	15	15	30	6	6	5	20	1	7	105
i. Work in foreign persons	9	70	30	40	3	3	10	27	50	239
j. Driver persons				3	1	5	4		1	14
k. Civil servant persons		5	7		1					13
<b>2.7 Out migration</b>										
Total of the last 5 yrs household		1	4	5	1	3	3		7	24
<b>2.8 Major destinations</b>										
1		1 Rupandehi	1 Bharatpur	1 Parasi	1 Nepalgunj	1 Nawalpur	1 Nawalpur	1	1	1
2		2	2 Pragatinagar	2 Mangram	2	2 Syangaja	2 Parasi	2	2	2
3		3	3	3	3	3	3	3	3	3
<b>2.9 In migration</b>										
Total of the last 5 yrs household										
1		1	1	1	1	1	1	1	1	1
2		2	2	2	2	2	2	2	2	2
3		3	3	3	3	3	3	3	3	3
<b>2.10 Major origins</b>										
1		1	1	1	1	1	1	1	1	1
2		2	2	2	2	2	2	2	2	2
3		3	3	3	3	3	3	3	3	3

VDC / WARD PROFILE

District : Parbat, VDC -4 -Huwas		Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
<b>3. Community organizations</b>											
a. Mothers' club	(Y/N)	Y						Y		Y	6
b. Farmers' group	(Y/N)		Y		Y	Y	Y	Y		Y	7
c. Youth club	(Y/N)			Y	Y	Y				Y	5
d. 4-H club	(Y/N)										
e. Ethnic organization	(Y/N)		Y	Y	Y	Y	Y	Y		Y	9
f. Users group (Non-For)	(Y/N)	Y									
g. Beside forest	(Y/N)										
<b>4. Public facilities</b>											
<b>A. School</b>											
Primary School	Class	2 (1-5), (1-7)		1 (1-5)	1 (1-7)			1 (1-5)		2 (1-5)	7
Secondary School	Class										
High School	Class	1 (1-10)									1
Campus	nos.										
b. Health facilities	nos.										
Hospital	nos.										
H. post/center	nos.								1		2
Pharmacy	nos.								Y		1
c. Post office	(Y/N)										
d. Telephone	nos.	2		6	2	4	3	20			50
e. No. of shops	nos.										
f. Police station	(Y/N)										
g. Bank	(Y/N)		Y		Y	Y	Y			Y	3
h. Drinking water	(Y/N)										
i. Elec. supply	(Y/N)										
<b>5. Agriculture/Livestock</b>											
a. Major cropping pattern											
b. Crops sold to outside											
	Name	1	1	1	1	1	1	1	1	1	1
	Name	2	None	2	None	2	None	2	None	2	None
	Name	3	3	3	3	3	3	3	3	3	3
c. Food (cereals, veg) insufficient in the village											
	Name	1	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2	2
	Name	3	3	3	3	3	3	3	3	3	3
d. Livestock raised											
	Name	1	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2	2
	Name	3	3	3	3	3	3	3	3	3	3
	Name	4	4	4	4	4	4	4	4	4	4
e. Horticultural crops sold to outside											
	Name	1	1	1	1	1	1	1	1	1	1
	Name	2	None	2	None	2	None	2	None	2	None
	Name	3	3	3	3	3	3	3	3	3	3

For location, see attached page 9 of 9

See "Major Cropping Pattern" attached page 8 of 9



## PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Huwas

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Yes/No)	User group (Yes/No)
						Male	Female		
Huwas	1-5,7-9	1	1 1995	Provide toilet facility Provide irrigation facility Vegetable cultivation	1	S 110 U 80	U 80	Yes	Yes
Huwas	3,7-9	5	1 1995	Provide transportation facility	3	WP	WP	Yes	No
Huwas	6,9	8	1 1995	Provide transportation facility	1	WP	WP	Yes	No
Huwas	3,8	1	2 1996	Provide irrigation facility Vegetable cultivation	2	WP	WP	Yes	No

U = Unskilled, S = Skilled.

WP = Wage paid as per prevailing rates.

## Code Project Category

- 1 Drinking water
- 2 Irrigation
- 3 Agriculture
- 4 Reforestation
- 5 Foot trails
- 6 Motorable roads
- 7 Check dam
- 8 Bridge
- 9 Power supply
- 10 Communication (Post, telephone)
- 11 Toilet construction
- 12 Health facility
- 13 School
- 14 Family planning
- 15 Nutritional improvement
- 16 Cottage industry
- 17 Other (specify)

## Project Status

- 1 Completed (year in completion)
- 2 On-going (year to be completed)
- 3 Planned (Year expected to start)

## Fund:

- 1 Public agencies
- 2 NGO(Helvetas)
- 3 Others (People participation)

## PROFILE OF COMMUNITY FOREST

District: Parbat, VDC:Huwas

Location (VDC)	Status	Ward(s) Covered by Forest	Ward(s) That use Forest	Area (Hectare)	No. of User Household	Dominant Tree Species	Usage of Forest	Management	
								Watchman (Yes/No)	Rules (Yes/No)
Huwas	1	1	1,2	17	141	1 Sal 2 Chilaune 3 Mauwa	1,2	No	1) Yes 2) Yes 3) Yes 4) Yes
Huwas	2	5	5-7	12	123	1 Sisao 2 Salla 3 Lakuri 4 Katus	1,2,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Huwas	2	9	9	25	309	1 Katus 2 Chilaune 3 Khallu	1,2	Yes	1) Yes 2) No 3) Yes 4) Yes
Huwas	3	2	1,2	3	141	1 Katus 2 Chilaune 3 Mauwa	1,2	Yes	1) Yes 2) No 3) No 4) Yes
Huwas	2	8	8	0.5	54	1 Katus 2 Chilaune 3 Sal	1,2	No	1) No 2) No 3) No 4) No
Huwas	1	3	3	12.5	57	1 Katus 2 Chilaune	1,2	Yes	1) Yes 2) Yes 3) Yes 4) Yes
						1 2 3			1) 2) 3) 4) 5)

Code:

Status

- 1 Formal (recognized by DFO)
- 2 Under processing for application or approval
- 3 Informal

Usage of Forest

- 1 Mainly for fuelwood collection
- 2 mainly for fodder and leaf litter collection
- 3 Mainly for timber
- 4 Others (Specify)

Rules:

- 1 Boundary rules (whether it has a fixed boundary or not)
- 2 Input rules (type and amount of resources required by each user to contribute to the user group activities)
- 3 Harvesting rules (how the benefits are shared by users)
- 4 Penalty rules (to punish the rule breakers)

## NATURAL DISASTERS IN THE PAST

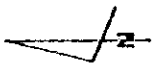
District: Parbat, VDC:Huwas

Location		Type of Disaster	Year/month occurred (Christian era)	Damages			Counter measure(s)	
VDC name	Ward No.			Casualty	Property		Proposed Measures	Implementation (Yes/No)
					Private	Public		
Huwas	2	2	1995	Killed	House-4 Livestock	1) 2)	No	No
	3	1	1995	Injured	Farm land 13.35 ha	3)		
Huwas	9	2	1995	Killed	House-4 Livestock	1) 2)	No	No
				Injured	Farm land 1 ha	3)		
Huwas	6,7	2	1995	Killed	House Livestock	1) 2)	No	No
				Injured	Farm land 1 ha	3)		
Huwas	5	1	1995	Killed	House-1 Livestock	1) 2)	No	No
				Injured	Farm land 0.5 ha	3)		
Huwas	8	2	1995	Killed	House-1 Livestock	1) 2)	No	No
				Injured	Farm land 1.25 ha	3)		
				Killed	House Livestock	1 2		
				Injured	Farm land	3		
				Killed	House Livestock	1 2		
				Injured	Farm land	3		

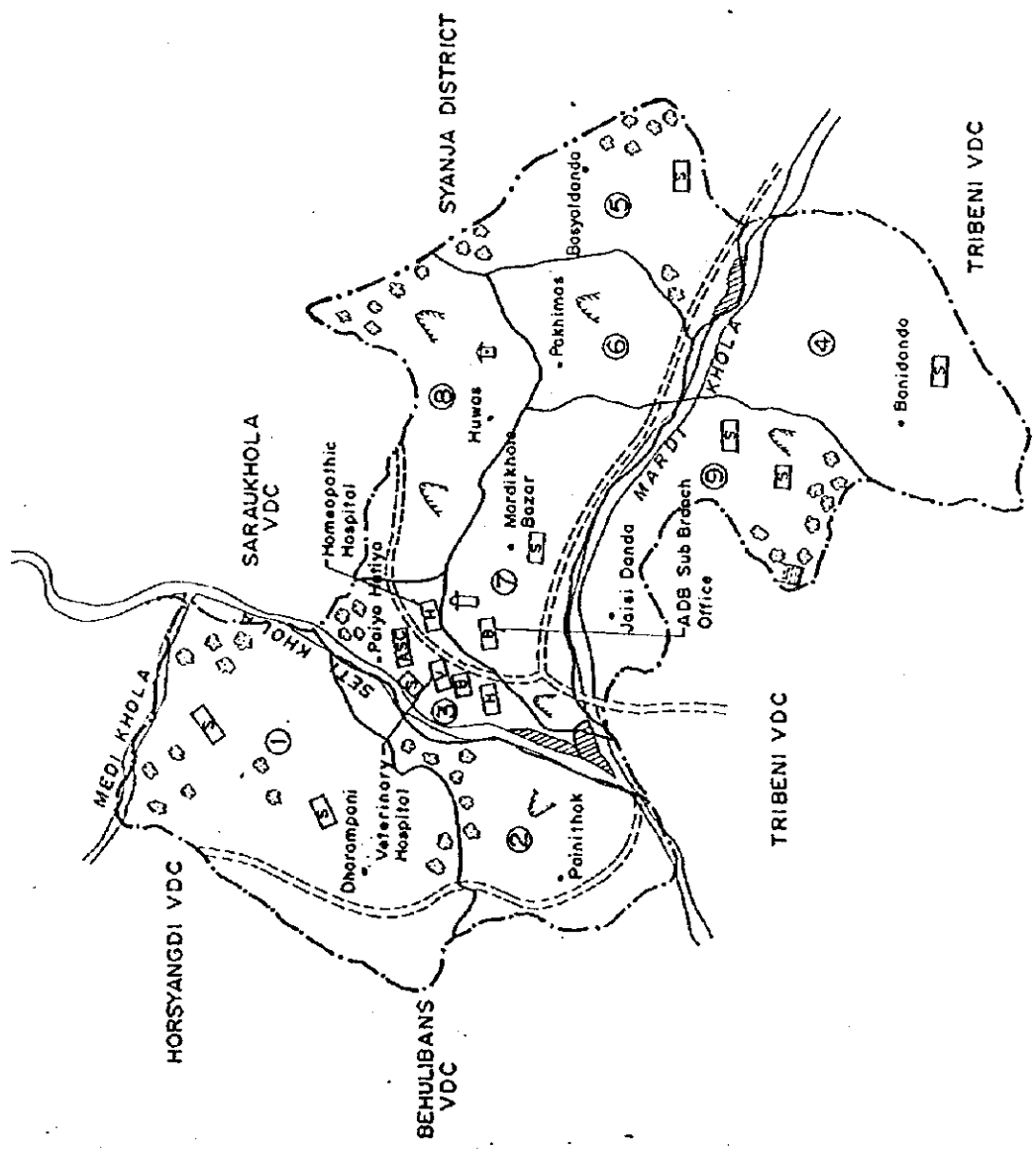
Code:      Type of disasters:  
 1 Flood  
 2 Land slide  
 3 Forest fire  
 4 Other (specify)







- LEGEND :**
- District Boundary
  - - - VDC Boundary
  - Ward Boundary
  - Village
  - ⑦ Ward No.
  - ▲ Mountain Ridge
  - ~ River/Khola
  - Forest Area
  - ⌒ Land Slide
  - ▨ Flood
  - ▭ School
  - ▭ Health Facility
  - ▭ Post Office
  - ▭ Police Station
  - ▭ Bank
  - ▭ Spring
  - ▭ Canal
  - ▭ Suspension Bridge
  - ▭ Road, Foot Trail
  - ▭ Agriculture Service Centre
  - ▭ Bridge



<b>JICA</b> DEVELOPMENT STUDY ON INTEGRATED WATERFED MANAGEMENT IN THE WESTERN HILLS OF NEPAL	
SOCIO-ECONOMIC BASE LINE SURVEY OF SOUTH PARBAT MODEL AREA	
DEVELOPMENT PROFILE MAP OF HUWAS VDC	
MULTI Disciplinary Consultants (P) Ltd. <small>Nepal/India/Japan</small>	DATE : No. 15/8

**VDC/WARD  
DEVELOPMENT PROFILE**

**OF**

**Bhorle VDC**

VDC / WARD PROFILE

District : Parbat, VDC -5 -Bhorle

Unit	Ward-1		Ward-2		Ward-3		Ward-4		Ward-5		Ward-6		Ward-7		Ward-8		Ward-9		Total
	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	
0. Data Sources																			
Date of Survey (M/D/Y)																			
Interviewee(s)																			
1. Area and Location																			
1.1 Settlement(s) (Village)																			
Name	Kamitole		Darlamithar		Lampata		Kolkharka		Chorgauda		Chaupari Danda								
	Bakuntole		Alithar		Pallotole		Majithar												
1.2 Distance to :	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	
Pokhara	5	4	5	3.5	3	3.5													
Kusma	8		10		8														
Waling	5	1	5	0.5	3	0.5													
Syangja	5	2	5	1	3	1													
1.3 Land use																			
a. Agricultural Land	Hectare		38.9		14.4		50.0												103.3
Khet	Hectare		7.5		1.9		10.0												19.4
Ban	Hectare		31.4		12.5		40.0												83.9
b. Forest land	Hectare																		0.0
Com. forest (Formal)	Hectare				0.5		24.5												25.0
Com. forest (IF)	Hectare																		0.0
Private forest	Hectare																		0.0
Other forest (Nursery)	Hectare																		16.3
c. Grazing land	Hectare		5.3		3.5		7.5												7.5
d. Settlement	Hectare		3.4		2.6		1.5												0.0
e. Others	Hectare																		0.0
2. Demography																			
2.1 Household																			
a. Total H.	nos.		56		68		46												170
b. Woman headed H	nos.		5		15		5												25
2.2 Ethnic groups																			
a. Brahmin	H. hold		18		1		9												28
b. Chhetri	H. hold																		5
c. Damai	H. hold																		65
d. Gurung	H. hold																		32
e. Jaj	H. hold		32																30
f. Kami	H. hold																		
g. Kunwar	H. hold																		
h. Nagar	H. hold																		
i. Newar	H. hold																		
j. Sarki	H. hold																		
k. Other 1	H. hold																		
l. Other 2	H. hold		6																6
m. Officer 3	H. hold																		

VDC / WARD PROFILE

District : Parbat, VDC -5 -Bhorle

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
2.3 Population										
a. Male	211	217	210	210	210	210	210	210	210	638
b. Female	216	240	250	250	250	250	250	250	250	706
c. Total	427	457	460	460	460	460	460	460	460	1344
2.4 Age distribution										
5 yrs	82	68	120	120	120	120	120	120	120	270
6 and 15 yrs	74	95	70	70	70	70	70	70	70	239
16 and 24 yrs	42	38	80	80	80	80	80	80	80	160
25 and 44 yrs	125	130	100	100	100	100	100	100	100	355
45 and 59 yrs	83	80	50	50	50	50	50	50	50	213
60 yrs	21	46	40	40	40	40	40	40	40	107
2.5 Education level										
a. University										
Male										
Female										
b. College										
Male	5	1	1	1	1	1	1	1	1	7
Female	1									2
c. S.L.C. pass	11	5	3	3	3	3	3	3	3	19
Male										
Female	3									3
2.6 Occupation										
a. Carpenter			3	3	3	3	3	3	3	6
b. Black Smith			11	11	11	11	11	11	11	11
c. Tailor					5	5	5	5	5	5
d. Bamboo Work										
e. Other handicraft										
f. Mason (Brick Layer)			6	3	4	4	4	4	4	13
g. Teachers			7		1	1	1	1	1	8
h. Porters			3	8						11
i. Work in foreign			52	45	15	15	15	15	15	112
j. Driver			2	3	4	4	4	4	4	9
k. Civil servant			1	1	8	8	8	8	8	10
2.7 Out migration										
Total of the last 5 yrs				2						2
2.8 Major destinations										
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3
2.9 In migration										
Total of the last 5 yrs										
2.10 Major origins										
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3

VDC / WARD PROFILE

District : Parbat, VDC -5 -Bhorle

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
3. Community organizations										
a. Mothers' club (Y/N)				Y	Y					2
b. Farmers' group (Y/N)										
c. Youth club (Y/N)										
d. 4-H club (Y/N)										
e. Ethnic organization (Y/N)										
f. Users' Group (Non For.) (Y/N)										
g. Others (Y/N)										
4. Public facilities										
a. School										
Primary School	1	1					1		1	4
Secondary School										
High School					1 (1-8)					1
campus nos.										
b. Health facilities										
Hospital nos.										
H. post/center nos.										
Pharmacy nos.										
c. Post office (Y/N)										
d. Telephone nos.			2	1	1					4
e. No. of shops (Y/N)										
f. Police station (Y/N)										
g. Bank (Y/N)				Y						1
h. Drinking water (Y/N)										
i. Elec. supply (Y/N)										
5. Agriculture/Livestock										
a. Major cropping pattern	See "Major Cropping Pattern" attached, page 8 of 9									
b. Crops sold to outside	1	1	1	1	1	1	1	1	1	1
	2	2	None	2	None	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
c. Food (cereals,veg) insufficient in the village	1	1	1 Paddy	1 Wheat	1 Paddy	1	1	1	1	1
	2	2	2 Maize	2 Millet	2 Millet	2	2	2	2	2
	3	3	3 Millet	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4
d. Livestock raised	1	1	1 Buffalo	1 Buffalo	1 Buffalo	1	1	1	1	1
	2	2	2 Goat	2 Goat	2 Goat	2	2	2	2	2
	3	3	3 Cattle	3 Chicken	3 Cattle	3	3	3	3	3
e. Horticultural crops sold to outside	1	1	1	1	1 Orange	1	1	1	1	1
	2	2	2 None	2 None	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3



## PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Bhorle

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Y/N)	User group (Y/N)
						Male	Femal		
Bhorle	4,9	1	1 1994	Provide drinking water facility 128 households	3	WP	WP	Yes	No
Bhorle	2,3,5-9	1	2	335 households	3	WP	WP	Yes	Yes
Bhorle	1,2,7	4	1 1994	Plantation in public land 125 households	1	WP	WP	Yes	Yes
Bhorle	1 - 9	12	1 1992	Provide health facility 435 households	1	WP	WP	No	No
Bhorle	2,5	13	1 1995	65 households 90 students	3	U 70	U 50	Yes	No

U = Unskilled, S = Skilled.

WP = Wage paid as per prevailing rates.

## Code Project Category

- 1 Drinking water
- 2 Irrigation
- 3 Agriculture
- 4 Reforestation
- 5 Foot trails
- 6 Motorable roads
- 7 Check dam
- 8 Bridge
- 9 Power supply
- 10 Communication (Post, telephone)
- 11 Toilet construction
- 12 Health facility
- 13 School
- 14 Family planning
- 15 Nutritional improvement
- 16 Cottage industry
- 17 Other

## Project Status

- 1 Completed (year in completion)
- 2 On-going (year to be completed)
- 3 Planned (Year expected to start)

## Fund:

- 1 Public agencies
- 2 NGO
- 3 Others ( Primary Education Project)  
INGO (Canadian Fund)



## PROFILE OF COMMUNITY FOREST

District: Parbat, VDC: Bhorle

Location (VDC)	Status	Ward(s) Covered by Forest	Ward(s) That use Forest	Area (Hectare)	No. of User Household	Dominant Tree Species	Usage of Forest	Management	
								Watchman (Y/N)	Rules (Y/N)
Bhorle	2	5	4,5 Ward no. 7 of Saraukhola	24.5	157	1 Chilaune 2 Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Bhorle	3	4	4	0.5	68	1 Chilaune 2 Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
						1 2 3			
						1 2 3			1 2 3 4 5
						1 2 3			1 2 3 4 5
						1 2 3			1 2 3 4 5
						1 2 3			1 2 3 4 5
						1 2 3			1 2 3 4 5

Code:

Status

- 1 Formal (recognized by DFO)
- 2 Under processing for application or approval
- 3 Informal

Usage of Forest

- 1 Mainly for fuelwood collection
- 2 mainly for fodder and leaf litter collection
- 3 Mainly for timber
- 4 Others (Specify)

Rules:

- 1 Boundary rules (whether it has a fixed boundary or not)
- 2 Input rules (type and amount of resources required by each user to contribute to the user group activities)
- 3 Harvesting rules (how the benefits are shared by users)
- 4 Penalty rules (Punish the rule breakers)

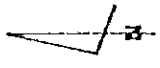
## NATURAL DISASTERS IN THE PAST

District: Parbat, VDC:Bhorle

Location		Type of Disaster	Year/month occurred (Christian era)	Damages			Counter measure(s)	
VDC name	Ward No.			Casualty	Property		Proposed Measures	Implementation (Yes/No)
					Private	Public		
Bhorle	3	1	1994 July	Killed	House	1)	No	No
				Injured	Livestock	2)		
						Farm land 0.1 ha	3)	
Bhorle	3,4	2	1990 July 1992 June	Killed	House	1)	No	No
				Injured	Livestock	2)		
						Farm land 0.75 ha	3)	
Bhorle	5	1	1992 July	Killed	House	1)	No	
				Injured	Livestock	2)		
						Farm land 0.25 ha	3)	
				Killed	House	1		
				Injured	Livestock	2		
					Farm land	3		
				Killed	House	1		
				Injured	Livestock	2		
					Farm land	3		
				Killed	House	1		
				Injured	Livestock	2		
					Farm land	3		

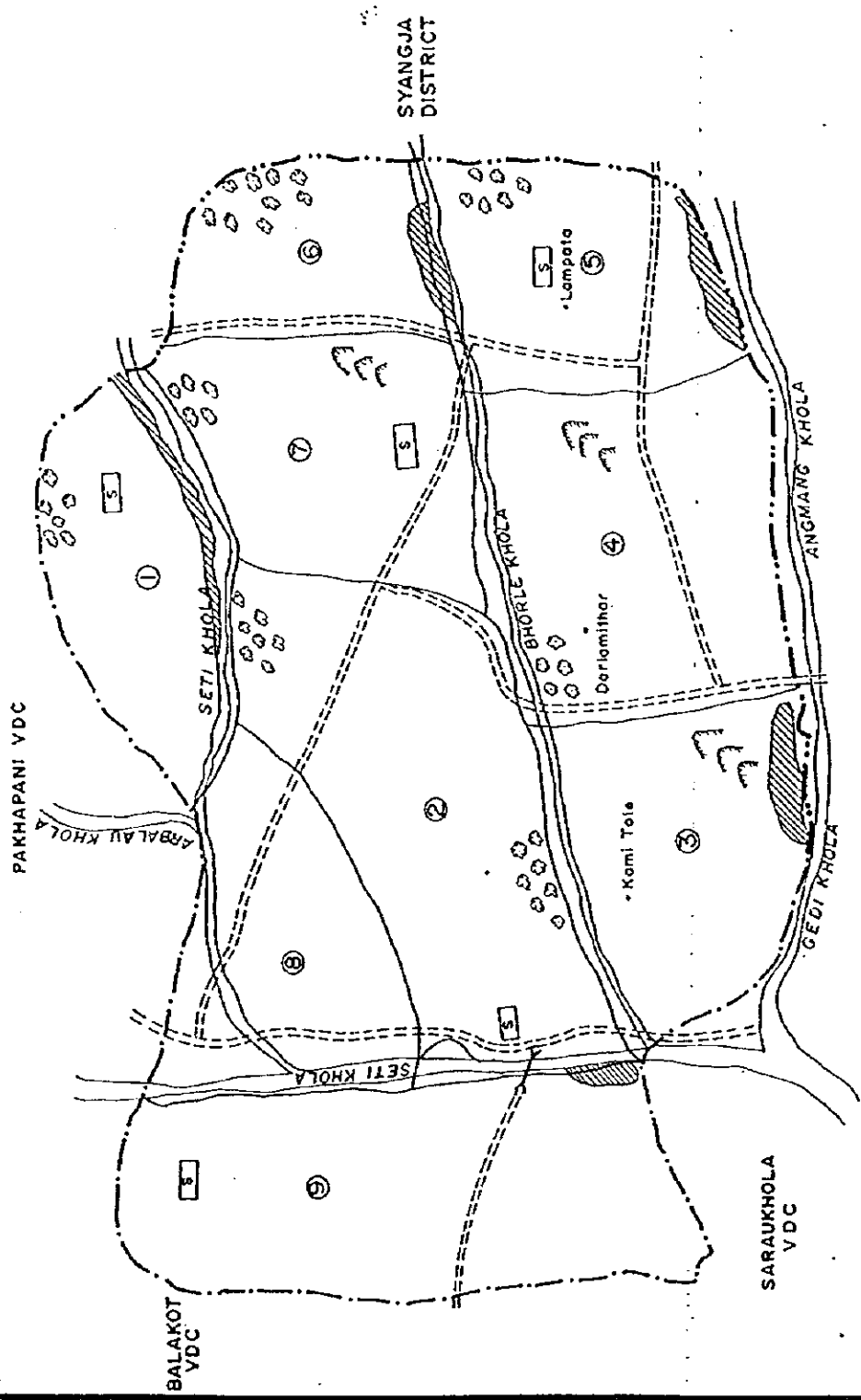
Code:      Type of disasters:  
1 Flood  
2 Land slide  
3 Forest fire  
4 Other (specify)





**LEGEND :**

- District Boundary
- - - VDC Boundary
- Ward Boundary
- Village
- ⑦ Ward No.
- ▲ Mountain Ridge
- ~ River/Khola
- Forest Area
- ⌒ Land Slide
- ▨ Flood
- ▭ School
- ⌚ Health Facility
- ⌚ Post Office
- ⌚ Police Station
- ⌚ Bank
- ⌚ Spring
- ⌚ Canal
- ⌚ Suspension Bridge
- ⌚ Road, Foot Trail
- ⌚ Agriculture Service Centre
- ⌚ Bridge



**JICA**  
 DEVELOPMENT STUDY ON INTEGRATED WATERSHED  
 MANAGEMENT IN THE WESTERN HILLS OF NEPAL

**SOCIO-ECONOMIC BASIC LINE SURVEY OF  
 SOUTH PARBAT MODEL AREA**

**DEVELOPMENT PROFILE MAP OF  
 BHORELE VDC**

MULTI Disciplinary  
 Consultants (P) Ltd.  
 KATHMANDU, NEPAL

DATE :  
 FIG No. 1.4/8

**VDC/WARD  
DEVELOPMENT PROFILE  
OF  
Bhoksing VDC**

# VDC / WARD PROFILE

District : Parbat, VDC -6 - Bhoksing

Unit	Ward-1		Ward-2		Ward-3		Ward-4		Ward-5		Ward-6		Ward-7		Ward-8		Ward-9		Total	
	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus		
0. Data Sources																				
Date of Survey (M/D/Y)	M/D/Y																			
Interviewee(s)	Name																			
	1																			
	2																			
	3																			
Sec , page 9 of 9																				
1. Area and Location																				
1.1 Settlement(s) (Village)	Name																			
	1 Pakhure																			
	2																			
	3																			
	4																			
1.2 Distance to :	hours	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	
Pokhara	(one way)	7	3																	
Kusma		7																		
Waling		8																		
Syangja		8	1.5																	
1.3 Land use																				
a. Agricultural Land	Hectare	12.0																		
Khet	Hectare	12.0																		
Bari	Hectare	12.0																		
b. Forest land																				
Com. forest (Formal)	Hectare																			
Com. forest (IF)	Hectare																			
Private forest	Hectare	16.0																		
Other forest (Natural)	Hectare	0.9																		
c. Grazing land	Hectare	2.4																		
d. Settlement	Hectare	7.5																		
e. Others																				
2. Demography																				
2.1 Household																				
a. Total H	nos.	33																		
b. Woman headed H	nos.	3																		
2.2 Ethnic groups																				
a. Brahman	Hhold	7																		
b. Chhetri	Hhold																			
c. Damai	Hhold																			
d. Gunung	Hhold																			
e. Jogi	Hhold																			
f. Kami	Hhold																			
g. Kunwar	Hhold																			
h. Magar	Hhold																			
i. Newar	Hhold																			
j. Sarki	Hhold																			
k. Other 1 (Thakun)	Hhold	29																		
l. Other 2	Hhold																			
m. Other 3	Hhold																			

VDC / WARD PROFILE

District : Parbat, VDC -6 - Bhoksing

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
2.3 Population										
a. Male persons	107									107
b. Female persons	117									117
c. Total persons	224									224
2.4 Age distribution										
survey year										
5 yrs persons	37									37
6 and 15 yrs persons	65									65
16 and 24 yrs persons	36									36
25 and 44 yrs persons	28									28
45 and 59 yrs persons	31									31
60 yrs persons	27									27
2.5 Education level										
survey year										
a. University Male persons										
Female persons	1									1
b. College Male persons	1									1
Female persons	4									4
c. S.L.C. pass Male persons	1									1
Female persons										
2.6 Occupation										
a. Carpenter persons	3									3
b. Black Smith persons										
c. Tailor persons	6									6
d. Bamboo Work persons										
e. Other handicraft persons	3									3
f. Mason (Brick Layer) persons	3									3
g. Teachers persons	4									4
h. Porters persons	4									4
i. Work in foreign persons										
j. Driver persons	4									4
k. Civil servant persons										
2.7 Out migration										
household										
Total of the last 5 yrs	1	1	1	1	1	1	1	1	1	1
2.8 Major destinations	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
2.9 In migration										
household										
Total of the last 5 yrs	1	1	1	1	1	1	1	1	1	1
2.10 Major origins	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3

VDC / WARD PROFILE

District : Parbat, VDC -6 - Bhoksing

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
<b>3. Community organizations</b>										
a. Mothers' club (Y/N)	Y									1
b. Farmers' group (Y/N)		Y								1
c. Youth club (Y/N)										
d. 4-H club (Y/N)										
e. Ethnic organization (Y/N)										
f. Users' Group (Non-For.) (Y/N)	Y									1
g. Others (Y/N)										
<b>4. Public facilities</b>										
For location, see attached, page 9 of 9										
a. School						1				2
Primary School										
Secondary School										
High School			1							1
Campus nos.										
b. Health facilities										
Hospital nos.										
H. post/center nos.										
Pharmacy nos.			1							1
c. Post office (Y/N)										
d. Telephone nos.										
e. No. of shops (Y/N)										
f. Police station (Y/N)										
g. Bank (Y/N)										
h. Drinking water (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
i. Elec. supply (Y/N)										
<b>5. Agriculture/Livestock</b>										
See "Major Cropping Pattern" attached, page 8 of 9										
a. Major cropping pattern										
b. Crops sold to outside										
Name	1	1	1	1	1	1	1	1	1	1
Name	2	2	2	2	2	2	2	2	2	2
Name	3	3	3	3	3	3	3	3	3	3
c. Food (cereals, veg) insufficient in the village										
Name	1	1	1	1	1	1	1	1	1	1
Name	2	2	2	2	2	2	2	2	2	2
Name	3	3	3	3	3	3	3	3	3	3
Name	4	4	4	4	4	4	4	4	4	4
d. Livestock raised										
Name	1	1	1	1	1	1	1	1	1	1
Name	2	2	2	2	2	2	2	2	2	2
Name	3	3	3	3	3	3	3	3	3	3
e. Horticultural crops sold to outside										
Name	1	1	1	1	1	1	1	1	1	1
Name	2	2	2	2	2	2	2	2	2	2
Name	3	3	3	3	3	3	3	3	3	3





## PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Bhoksing

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Yes/No)	User group (Yes/No)
						Male	Female		
Bhoksing	1-4	1	1 1995	520 households(22 taps)	1,2	S 110 U 80	U 80	Yes	Yes
Bhoksing	5-9	1	1 1994	140 households(21 taps)	1	WP	WP	Yes	Yes
Bhoksing	1-9	13	1 1994	Provide education facility	3	WP	WP	Yes	Yes

U = Unskilled, S = Skilled.

WP = Wage paid as per prevailing rates.

## Code Project Category

- 1 Drinking water
- 2 Irrigation
- 3 Agriculture
- 4 Reforestation
- 5 Foot trails
- 6 Motorable roads
- 7 Check dam
- 8 Bridge
- 9 Power supply
- 10 Communication (Post, telephone)
- 11 Toilet construction
- 12 Health facility
- 13 School
- 14 Family planning
- 15 Nutritional improvement
- 16 Cottage industry
- 17 Other

## Project Status

- 1 Completed (year in completion)
- 2 On-going (year to be completed)
- 3 Planned (Year expected to start)

## Fund:

- 1 Public agencies
- 2 NGO(Canadian donation)
- 3 Others ( Primary School Project)

## PROFILE OF COMMUNITY FOREST

District: Parbat, VDC: Bhoksing

Location (VDC)	Status	Ward(s) Covered by Forest	Ward(s) That use Forest	Area (Hectare)	No. of User Household	Dominant Tree Species	Usage of Forest	Management	
								Watchman (Yes/No)	Rules (Yes/No)
						1			1
						2			2
						3			3
						4			4
						5			5
						1			1
						2			2
						3			3
						4			4
						5			5
						1			1
						2			2
						3			3
						4			4
						5			5
						1			1
						2			2
						3			3
						4			4
						5			5
						1			1
						2			2
						3			3
						4			4
						5			5
						1			1
						2			2
						3			3
						4			4
						5			5
						1			1
						2			2
						3			3
						4			4
						5			5

Code:

Status

- 1 Formal (recognized by DFO)
- 2 Under processing for application or approval
- 3 Informal

Usage of Forest

- 1 Mainly for fuelwood collection
- 2 mainly for fodder and leaf litter collection
- 3 Mainly for timber
- 4 Others (Specify)

Rules:

- 1 Boundary rules (whether it has a fixed boundary or not)
- 2 Input rules (type and amount of resources required by each user to contribute to the user group activities)
- 3 Harvesting rules (how the benefits are shared by users)
- 4 Penalty rules (to punish the rule breakers)

## NATURAL DISASTERS IN THE PAST

*Parbat South Model Area*

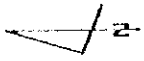
District: Parbat, VDC: Bhoksing

Location		Type of Disaster	Year/month occurred (Christian era)	Casualty	Damages		Counter measure(s)	
VDC name	Ward No.				Property		Proposed Measures	Implementation (Yes/No)
					Private	Public		
Bhoksing	1	4	1988	Killed	House-2	1)Rs 30000	Informed in police station	No
				Injured	Livestock	2)		
					Farm land	3)		
				Killed	House	1		
					Livestock	2		
				Injured	Farm land	3		
				Killed	House	1		
					Livestock	2		
				Injured	Farm land	3		
				Killed	House	1		
					Livestock	2		
				Injured	Farm land	3		

Code: Type of disasters:

- 1 Flood
- 2 Land slide
- 3 Forest fire
- 4 Other (fire)





LEGEND :

- District Boundary
- VDC Boundary
- Ward Boundary
- Village
- ① Ward No.
- ▲ Mountain Ridge
- ~ River/Khola
- Forest Area
- △ Land Slide
- ▨ Flood
- ▭ School
- ▭ Health Facility
- ▭ Post Office
- ▭ Police Station
- ▭ Bank
- ▭ Spring
- ▭ Canal
- ▭ Suspension Bridge
- Road, Foot Trail
- ▭ Agriculture Service Centre
- ▭ Bridge

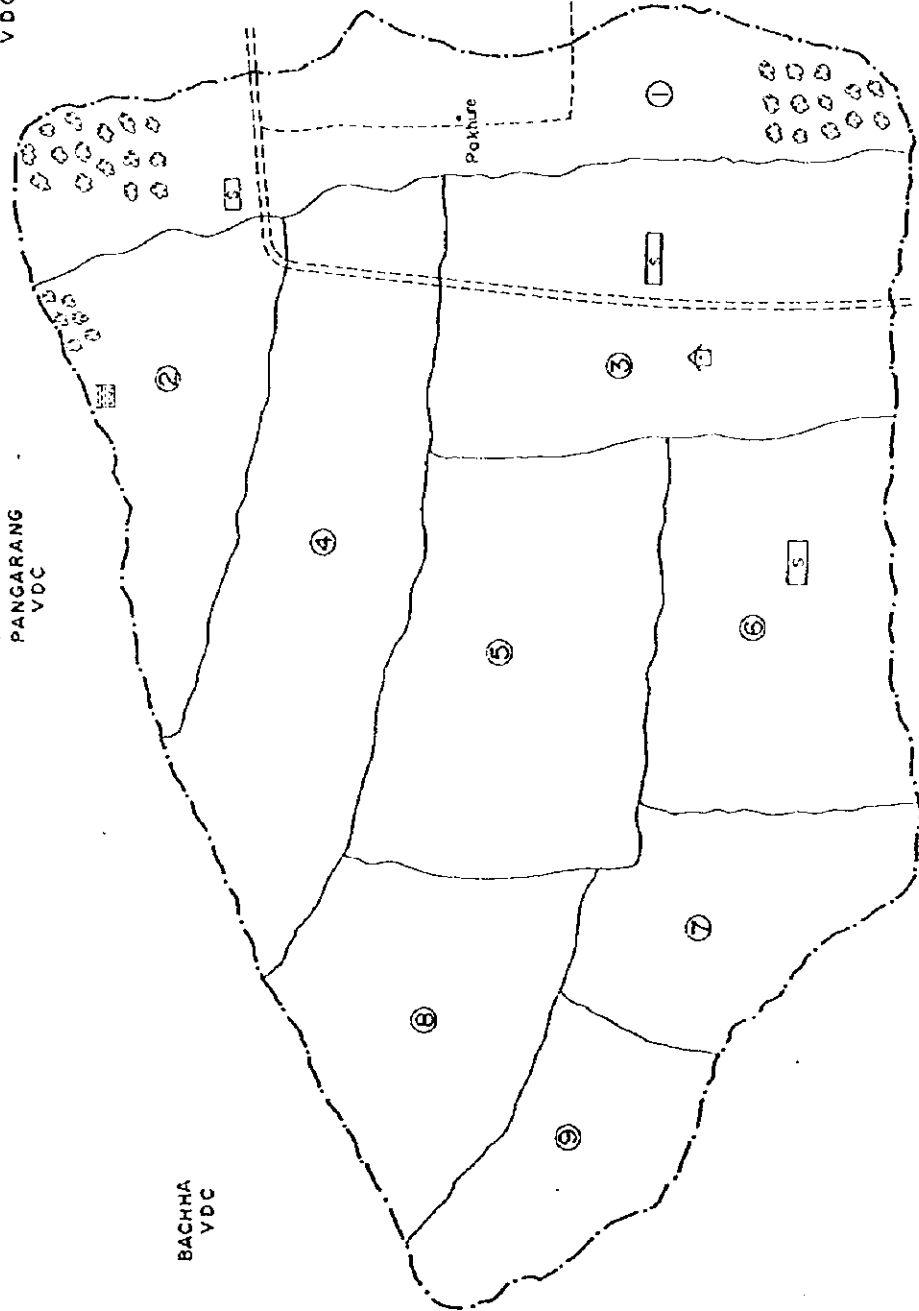
LUNKHU DEURALI  
VDC

PANGARANG  
VDC

BACHHA  
VDC

BALAKOT  
VDC

HORSYANGDI  
VDC



JICA  
DEVELOPMENT STUDY ON INTEGRATED WATERBODIED  
MANAGEMENT IN THE WESTERN HILLS OF NEPAL

SOCIO-ECONOMIC BASE LINE SURVEY OF  
SOUTH PARBAT MODEL AREA

DEVELOPMENT PROFILE MAP OF  
BHOKSING VDC

DATE :  
MULTI Disciplinary  
Consultants (P) Ltd.  
KATHMANDU, NEPAL

Fig No : 7/8

**VDC/WARD  
DEVELOPMENT PROFILE  
OF  
Hosrangdi VDC**

VDC / WARD PROFILE

District : Parbat, VDC-7, Horsyangdi

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
For interviewees' list see attached sheet.										
0. Data Sources										
Date of Survey (M/D/Y)										
Interviewee(s)										
1										
2										
3										
See page 9 of 9										
1. Area and Location										
1.1 Settlement(s) (Village)										
1 Bhangarban										
2 Paharkuna										
3 Kalyandanda										
4 Gyausara										
1.2 Distance to :										
Pokhara										
Kusma										
Waling										
Syangja										
1.3 Land use										
a. Agricultural Land										
Khet										
Bari										
b. Forest land										
Com. forest (Formal)										
Com. forest (IF)										
Private forest										
Other forest										
c. Grazing land										
d. Settlement										
e. Others										
For location of community forests, see page 9 of 9										
2. Demography										
2.1 Household										
a. Total H.										
b. Woman headed H										
2.2 Ethnic groups										
a. Brahmin										
b. Chhetri										
c. Dama										
d. Gurung										
e. Jogi										
f. Kami										
g. Kunwar										
h. Magar										
i. Newar										
j. Sarku										
k. Other (Thakuri)										
Physical organization (Barth-Satt-Holdings)										
# H/holdings										



VDC / WARD PROFILE

District : Parbat, VDC -7. Horsyangdi

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
2.3 Population										
a. Male	160	117	215	156	176	132	139	124	254	1473
b. Female	162	129	240	156	184	108	141	122	232	1474
c. Total	322	246	455	312	360	240	280	246	486	2947
2.4 Age distribution										
5 yrs	47	46	63	43	59	37	53	35	92	475
6 and 15 yrs	80	72	126	87	95	67	79	69	142	817
16 and 24 yrs	70	37	99	67	67	53	42	54	73	561
25 and 44 yrs	80	62	112	78	91	60	72	62	121	738
45 and 59 yrs	29	17	32	22	29	17	20	17	34	217
60 yrs	16	12	23	15	19	7	14	9	24	139
2.5 Education level										
a. University	2									2
Male										
Female										
b. College	3	5	4	1	2		3	1	1	20
Male										
Female		2					1		1	4
c. S.L.C. pass	12	12	10	3	10	3	5	2	9	66
Male										
Female	3	5	1	1	1	1	4	1	1	17
2.6 Occupation										
a. Carpenter	5	1	10	4	6	1		3	6	36
b. Black Smith							11		2	13
c. Tailor	15	14	20	35	25	15	20	16	35	195
d. Bamboo Work										
e. Other handicraft	5	1	10	4	10	2	10	4	7	53
f. Mason (Brick Layer)	5	9	1		4			1	2	21
g. Teachers	5	9			4	5	1	8		21
h. Porters	34	14	37	60	45	10	20	15	55	290
i. Work in foreign										
j. Driver		1	1	3				1	1	2
k. Civil servant										
2.7 Out migration										
Total of the last 5 yrs	2	1	1	1	1					6
2.8 Major destinations										
1 Nawalparasi		1 Rupandehi	1 Rupandehi	1 Nawalparasi	1 Nawalparasi	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3
2.9 In migration										
Total of the last 5 yrs	1								1	2
2.10 Major origins										
1 Bhojxing	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3

\* Lower Cast organization (Dalit Sewa Samaj)  
# Magar Sewa Samaj

VDC / WARD PROFILE

District : Parbat, VDC-7. Horsyangdi

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
3. Community organizations										
a. Mothers' club	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
b. Farmers' group	Y	Y	Y	Y	Y	Y	Y	Y	Y	5
c. Youth club										
d. 4-H club	#	Y	Y	Y	Y	Y	Y	Y	Y	2
e. Ethnic organization (Magar)	Y	Y	Y	Y	Y	Y	Y	Y	Y	8
f. Users' Group (Non-For.)	Y	Y	Y	Y	Y	Y	Y	Y	Y	8
g. Others										
4. Public facilities										
a. School										
Primary School			1	1	1				1	4
Secondary School					1					1
High School		1								1
Campus										
b. Health facilities										
Hospital										
H. post/center			1							1
Pharmacy										
c. Post office		1								1
d. Telephone		1								1
e. No. of shops										
f. Police station										
g. Bank	Y	Y	Y	Y	Y	Y	Y	Y	Y	7
h. Drinking water										
i. Elec. supply										
5. Agriculture/Livestock										
a. Major cropping pattern										
b. Crops sold to outside										
	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
c. Food (cereals, veg) insufficient in the village										
	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
d. Livestock raised										
	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
	4	4	4	4	4	4	4	4	4	4
e. Horticultural crops sold to outside										
	1	1	1	1	1	1	1	1	1	1
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3

For location, see attached, page 9 of 9

See "Major Cropping Pattern" attached, page 8 of 9

\* Lower Cast organization (Daiti Sewa Samaj)  
# Magar Sewa Samaj

VDC / WARD PROFILE

District : Parbat, VDC -7. Horsyangdi

Unit	Ward-1			Ward-2			Ward-3			Ward-4			Ward-5			Ward-6			Ward-7			Ward-8			Ward-9			Total			
	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3				
6. Forest	For the details of community forest, see "Profile of Community Forest" attached, page 6 of 9																														
a. Community forests (Y/N)																															
b. Forest products sold																															
Timber, Fuel wood	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	
7. Cottage Industries																															
a. No. of H.H. involved																															
Rice mill																															
Other mill																															
Other food processing																															
Wood processing																															
Bamboo work																															
Poultry farming																															
Others																															
8. Natural Disaster in the past 10 years																															
(Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	Y	4

## PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Horsyangdi

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Yes/No)	User group (Yes/No)
						Male	Female		
Horsyangdi	6-8	1	1 1983	Provide drinking water facility 65 households(14 taps)	2	S 130 U 100	U 60	Yes	Yes
Horsyangdi	1,2	1	2 1996	Provide drinking water facility 57 households(5 taps)	1	WP	WP	Yes	Yes
Horsyangdi	2	17	1 1993	Construction of VDC Building that consists the Post Office	1	WP	WP	No	No
Horsyangdi	2	13	1 1993	Construction of School building	3	WP	WP	No	No
Horsyangdi	4,5	1	3 Not stated	Detail survey completed for construction of drinking water	2	WP	WP	No	No

S = Skilled, U = Unskilled.

WP = Wage paid as per prevailing rates.

## Code Project Category

- 1 Drinking water
- 2 Irrigation
- 3 Agriculture
- 4 Reforestation
- 5 Foot trails
- 6 Motorable roads
- 7 Check dam
- 8 Bridge
- 9 Power supply
- 10 Communication (Post, telephone)
- 11 Toilet construction
- 12 Health facility
- 13 School
- 14 Family planning
- 15 Nutritional improvement
- 16 Cottage industry
- 17 Other(VDC building)

## Project Status

- 1 Completed (year in completion)
- 2 On-going (year to be completed)
- 3 Planned (Year expected to start)

## Fund:

- 1 Public agencies
- 2 NGO (British Gorkha Welfare Trust)  
(Canadian Welfare Trust)
- 3 Others (Primary Education Project)

## PROFILE OF COMMUNITY FOREST

District : Parbat, VDC Horsyangdi

Location (VDC)	Status	Ward(s) Covered by Forest	Ward(s) That use Forest	Area (Hectare)	No. of User Household	Dominant Tree Species	Usage of Forest	Management	
								Watchman (Yes/No)	Rules (Yes/No)
Horsyangdi	1	2	1-3	6.5	129	1. Katus 2. Chilaune 3. Mauwa	1 2 3	Yes	1) Yes 2) No 3) Yes 4) Yes
Horsyangdi	1	5	5	84	53	1. Kharsu 2. Okhar 3. Mauwa 4. Guras 5. Chilaune	1 2 3 4	No	1) No 2) No 3) No 4) No
Horsyangdi	2	6,7	6-8	25	86	1. Mauwa 2. Jhyanu 3. Chilaune	1 2 3	No	1) No 2) No 3) No 4) No
Horsyangdi	2	5	5	6	28	1. Okhar 2. Mauwa 3. Guras 4. Angeru	1 2 3	Yes (user group themselves)	1) Yes 2) No 3) Yes 4) Yes
Horsyangdi	2	1,4	1,4	6	85	1. Mauwa 2. Chilaune 3. Kharsu 4. Chautaro	1 2	Yes (user group themselves)	1) Yes 2) No 3) Yes 4) Yes
Horsyangdi	2	9	9	10.5	66	1. Chilaune 2. Guras 3. Katus	1 2	No	1) Yes 2) No 3) Yes 4) Yes

Code:

Status

- 1 Formal (recognized by DFO)
- 2 Under processing for application or approval
- 3 Informal

Usage of Forest

- 1 Mainly for fuelwood collection
- 2 mainly for fodder and leaf litter collection
- 3 Mainly for timber
- 4 Others (medical purpose)

Rules:

- 1 Boundary rules (whether it has a fixed boundary or not)
- 2 Input rules (type and amount of resources required by each user to contribute to the user group activities)
- 3 Harvesting rules (how the benefits are shared by users)
- 4 Penalty rules (to punish the rule breakers)

## NATURAL DISASTERS IN THE PAST

*Parbat South Model Area*

**District: Parbat, VDC: Horsyangdi**

Location		Type of Disaster	Year/month occurred (Christian era)	Damages			Counter measure(s)	
VDC name	Ward No.			Casualty	Property		Proposed Measures	Implementation (Yes/No)
					Private	Public		
Horsyangdi	2,3	2	1995	Killed	House 1)	No	No	
				Injured	Livestock 2)			
					Farm land 3)			
					3 ha			
Horsyangdi	5	3	1993	Killed	House 1)	No	No	
				Injured	Livestock 2)			
					Farm land 3)			
Horsyangdi	6	2	Regular Since 1952	Killed	House-9 1)	Informed in district DDC, Soil conservation office and JICA	No	
				Injured	Livestock 2)			
					6			
					Farm land 2.5 ha jungle 3)			
Horsyangdi	6	4	1986	Killed	House-1 1)	Informed in (sector) sub police station	No	
				Injured	Livestock 2)			
					22			
					Farm land 3)			
				Killed	House 1			
				Injured	Livestock 2			
					Farm land 3)			
				Killed	House 1			
				Injured	Livestock 2			
					Farm land 3			

Code: Type of disasters:

- 1 Flood
- 2 Land slide
- 3 Forest fire
- 4 Other (fire)

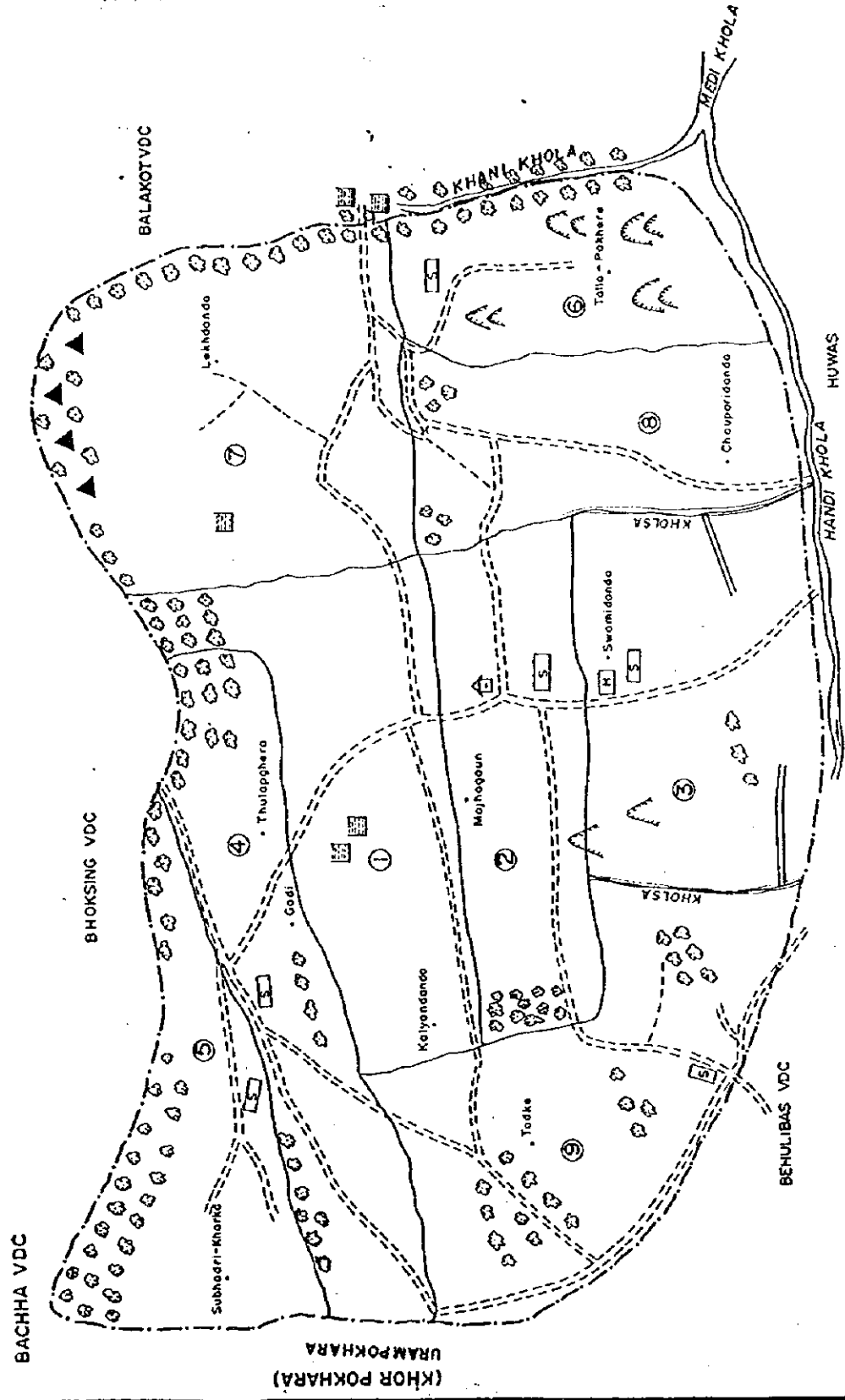
DDC: District Development Committee





**LEGEND :**

- District Boundary
- - - VDC Boundary
- Ward Boundary
- Village
- ▲ Ward No.
- ▲ Mountain Ridge
- River/Khola
- Forest Area
- Land Slide
- Flood
- School
- Health Facility
- Post Office
- Police Station
- Bank
- Spring
- Canal
- Suspension Bridge
- Road, Foot Trail
- Agriculture Service Centre
- Bridge



**JICA**  
 DEVELOPMENT STUDY ON INTEGRATED WATERSHED  
 MANAGEMENT IN THE WESTERN HILLS OF NEPAL

**SOCIO-ECONOMIC BASE LINE SURVEY OF  
 SOUTH PARBAT MODEL AREA**

DEVELOPMENT PROFILE MAP OF  
 HORSTANGDI VDC

DATE : \_\_\_\_\_  
 Consultants (P) Ltd. \_\_\_\_\_  
 MULTIDISCIPLINARY \_\_\_\_\_  
 No. : 8/8



**VDC/WARD  
DEVELOPMENT PROFILE  
OF  
Balakot VDC**

VDC / WARD PROFILE

District : Parbat, VDC - 8. - Balakot.

Unit	Ward-1		Ward-2		Ward-3		Ward-4		Ward-5		Ward-6		Ward-7		Ward-8		Ward-9		Total
	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	
0. Data Sources																			
Date of Survey (M/D/Y)																			
Interviewee(s)																			
1. Area and Location	For location of community forests, see Map page 9 of 9.																		
1.1 Settlement(s) (Village)	1. Site: Banjhe, Bisoun, Koldanda, Thumka, Chianrechar, Khoriya, Dhanarechar, Upallo Dhanan 2. Site: Bate, Biruwa, Banjhe, Dah, Delanda, Shirkuwan, Balakot, Palle 3. Site: Dhunga, Dhurwa, Nihali, Goshan, Deurali, Kaphaldanda																		
1.2 Distance to:	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	
Pokhara	8	3	8	3	8	3	8	3	8	3	8	3	8	3	8	3	8	3	
Kusma	9	10	10		8		8		8		8		8		8		8		
Waling	8	8	8		7		7		7		7		7		7		7		
Syangja	8	1.5	8	1.5	7	1.5	7	1.5	7	1.5	7	1.5	7	1.5	7	1.5	7	1.5	
1.3 Land use																			
a. Agricultural Land																			
Khet	9.8		4.3												24.4				38.4
Bari	3.3		0.5												1.9				5.6
Forest land	6.5		3.8												22.5				32.8
b. Forest land																			
Com. forest (Formal)																			
Com. forest (IF)																			
Private forest	5.0		4.0												6.5				6.5
Other forest	10.0		7.5												2.5				11.5
c. Grazing land	0.0		0.0												7.5				25.0
d. Settlement	1.8		1.4												5.0				5.0
e. Others (barren)	3.5		1.50												4.3				7.4
2. Demography																			
2.1 Household																			
a. Total H	19		18												48				85
b. Woman headed H	4		3												14				21
2.2 Ethnic groups																			
a. Brahman																			
b. Chhetri																			
c. Damai																			
d. Gurung	19		1												21				41
e. Jogi																			
f. Kami																			
g. Kuniwar																			
h. Magar																			
i. Newar																			
j. Sarki																			
k. Other 1																			
l. Other 2																			
m. Other 3																			

VDC / WARD PROFILE

District : Parbat, VDC - 8 - Balakot.

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
<b>2.3 Population</b>										
a. Male	71	98						170		339
b. Female	71	86						157		314
c. Total	142	184						327		653
<b>2.4 Age distribution</b>										
5 yrs	17	25						45		87
6 and 15 yrs	34	41						72		147
16 and 24 yrs	26	34						61		121
25 and 44 yrs	37	53						92		182
45 and 59 yrs	16	17						31		64
60 yrs	12	14						26		52
<b>2.5 Education level</b>										
a. University		1								1
Male										
Female										
b. College		2						1		3
Male										
Female										
c. S.L.C. pass	1	4						1		6
Male										
Female								1		1
<b>2.6 Occupation</b>										
a. Carpenter	7	5						13		25
b. Black Smith								3		3
c. Tailor										
d. Bamboo Work	15	10						20		45
e. Other handicraft										
f. Mason (Brick Layer)	7	5						9		21
g. Teachers		1								1
h. Porters								5		5
i. Work in foreign	13	12						10		35
j. Driver										
k. Civil servant	1									1
<b>2.7 Out migration</b>										
Total of the last 5 yrs	4	1						7		12
<b>2.8 Major destinations</b>										
1 Nabalparasi	1	1	1	1	1	1	1	1	1	1
2 Rupandehi	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3
<b>2.9 In migration</b>										
Total of the last 5 yrs										
<b>2.10 Major origins</b>										
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3

VDC / WARD PROFILE

District : Parbat, VDC - 8. - Balakot.

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
3. Community organizations										
a. Mothers' club	Y	Y						Y		3
b. Farmers' group								Y		1
c. Youth club										
d. 4-H club								Y		2
e. Ethnic organization										
f. Users' Group (Non-For.)		Y								
g. Others										
4. Public facilities										
a. School				1					1	3
Class				1						1
Primary School					1					1
Class										
Secondary School										
Class										
High School										
Campus										
nos.										
b. Health facilities										
Hospital										
nos.										
H. post/center										
nos.										
Pharmacy										
(Y/N)										
c. Post office										
nos.					3	2			2	7
d. Telephone										
(Y/N)										
e. No. of shops										
(Y/N)										
f. Police station										
(Y/N)	Y	Y						Y		3
g. Bank										
(Y/N)										
h. Drinking water										
(Y/N)										
i. Elec. supply										
(Y/N)										
5. Agriculture/Livestock										
a. Major cropping pattern										
b. Crops sold to outside										
1 Name	1	1	1	1	1	1	1	1	1	1
2 Name	2	None	2	2	2	2	2	2	2	2
3 Name	3	3	3	3	3	3	3	3	3	3
1 Name	1	1	1	1	1	1	1	1	1	1
2 Name	2	2	2	2	2	2	2	2	2	2
3 Name	3	3	3	3	3	3	3	3	3	3
c. Food (cereals, veg) insufficient in the village										
1 Name	1	1	1	1	1	1	1	1	1	1
2 Name	2	2	2	2	2	2	2	2	2	2
3 Name	3	3	3	3	3	3	3	3	3	3
4 Name	4	4	4	4	4	4	4	4	4	4
d. Livestock raised										
1 Name	1	1	1	1	1	1	1	1	1	1
2 Name	2	2	2	2	2	2	2	2	2	2
3 Name	3	3	3	3	3	3	3	3	3	3
4 Name	4	4	4	4	4	4	4	4	4	4
e. Horticultural crops sold to outside										
1 Name	1	1	1	1	1	1	1	1	1	1
2 Name	2	2	2	2	2	2	2	2	2	2
3 Name	3	3	3	3	3	3	3	3	3	3

See "Major Cropping Pattern" attached page 8 of 9

VDC / WARD PROFILE

District : Parbat, VDC - 8. - Balakot.		Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
6. Forest	Unit										
a. Community forests	(Y/N)										
	Name	1	1	1	1	1	1	1	1	1	1
b. Forest products sold	Name	2	2	2	2	2	2	2	2	2	2
Timber, Fuel wood	Name	3	3	3	3	3	3	3	3	3	3
For the details of community forest, see "Profile of Community Forest" attached page 6 of 9.											
7. Cottage Industries											
a. No. of H.H. involved					1			1			2
Rice mill	H holds										
Other mill	H holds										
Other food processing	H holds										
Wood processing	H holds										
Bamboo work	H holds										
Poultry farming	H holds										
Others	H holds										
8. Natural Disaster in the past 10 years	(Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	2
See "Profile of Natural Disaster" attached page 7 of 9.											

## PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Balakot

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Yes/No)	User group (Yes/No)
						Male	Female		
Balakot	1	1	1 1979	Provide drinking water facility with the help of Canadian 19 households (3 taps)	3	U 90	U 70	Yes	No
Balakot	5,7-9	1	1 1995	Provide drinking water facility 145 households(19 taps)	2	WP	WP	Yes	Yes
Balakot	1-9	17	1 1995	Provide health facility and VDC building	1	WP	WP	Yes	Yes

U = Unskilled, S =Skilled

WP = Wage paid as per prevailing rates.

## Code Project Category

- 1 Drinking water
- 2 Irrigation
- 3 Agriculture
- 4 Reforestation
- 5 Foot trails
- 6 Motorable roads
- 7 Check dam
- 8 Bridge
- 9 Power supply
- 10 Communication (Post, telephone)
- 11 Toilet construction
- 12 Health facility
- 13 School
- 14 Family planning
- 15 Nutritional improvement
- 16 Cottage industry
- 17 Other ( VDC Building included health post)

## Project Status

- 1 Completed (year in completion)
- 2 On-going (year to be completed)
- 3 Planned (Year expected to start)

## Fund:

- 1 Public agencies
- 2 NGO - JAKHAPAS
- 3 Others ( Canadian)

## PROFILE OF COMMUNITY FOREST

District: Parbat, VDC: Bafakot

Location (VDC)	Status	Ward(s) Covered by Forest	Ward(s) That use Forest	Area (Hectare)	No. of User Household	Dominant Tree Species	Usage of Forest	Management	
								Watchman (Yes/No)	Rules (Yes/No)
Balakot	2	8	1,5,7,9	6.5	125	1 Chilaune 2 Mauwa 3 Uttis	1,2	Yes	1) No 2) No 3) Yes 4) Yes
						1 2 3			1 2 3 4 5
						1 2 3			1 2 3 4 5
						1 2 3			1 2 3 4 5

Code:

Status

- 1 Formal (recognized by DFO)
- 2 Under processing for application or approval
- 3 Informal

Usage of Forest

- 1 Mainly for fuelwood collection
- 2 mainly for fodder and leaf litter collection
- 3 Mainly for timber
- 4 Others (Specify)

Rules:

- 1 Boundary rules (whether it has a fixed boundary or not)
- 2 Input rules (type and amount of resources required by each user to contribute to the user group activities)
- 3 Harvesting rules (how the benefits are shared by users)
- 4 Penalty rules (to punish the rule breakers)

## NATURAL DISASTERS IN THE PAST

District: Parbat, VDC: Balakot

Location		Type of Disaster	Year/month occurred (Christian era)	Damages			Counter measure(s)	
VDC name	Ward No.			Casualty	Property		Proposed Measures	Implementation (Yes/No)
					Private	Public		
Balakot	1	3	1994	Killed	House	1) Plants	No	
				Injured	Livestock	2)		
					Farm land	3)		
Balakot	1	2	1994	Killed	House	1)	No	
				Injured	Livestock	2)		
					Farm land 0.5 ha	3)		
Balakot	2	2	Since 1979 regular	Killed - 10	House-3	1)	Informed in DDC and Royal Palace	No
				Injured-15	Livestock 40	2)		
					Farm land 1.5 ha	3)		
Balakot	5	4	1993	Killed	House 2	1	Informed in Rec-Cross and Police Station	Yes
				Injured	Livestock 1	2		
					Farm land	3		
				Killed	House	1		
				Injured	Livestock	2		
					Farm land	3		

Code: Type of disasters:

- 1 Flood
- 2 Land slide
- 3 Forest fire
- 4 Other (fire)

DDC- District Development Committee

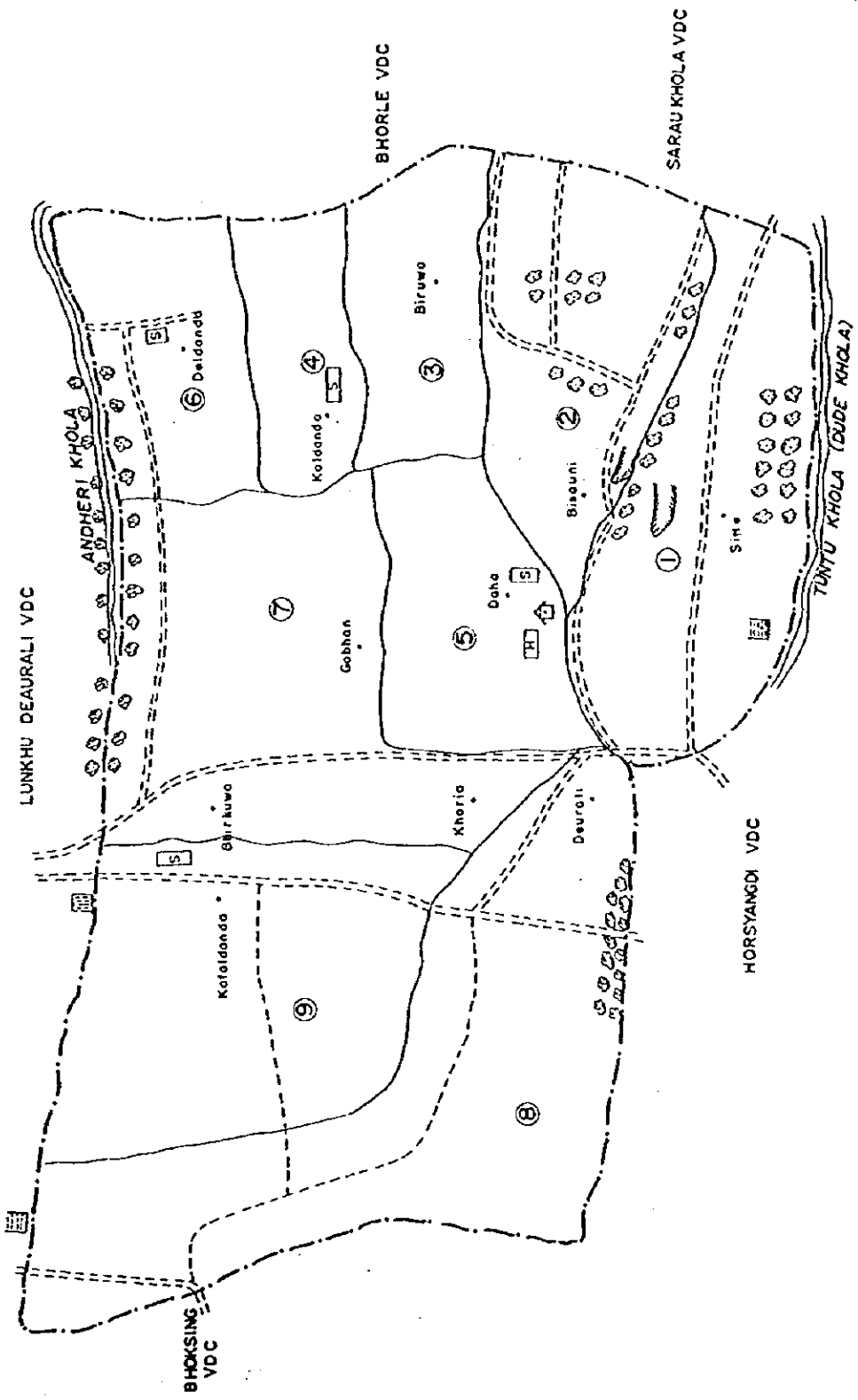






**LEGEND:**

- District Boundary
- - - VDC Boundary
- - - Ward Boundary
- Village
- ▲ Ward No.
- ⚓ Mountain Ridge
- ⚓ River/Khola
- ⚓ Forest Area
- ⚓ Land Slide
- ⚓ Flood
- ⚓ School
- ⚓ Health Facility
- ⚓ Post Office
- ⚓ Police Station
- ⚓ Bank
- ⚓ Spring
- ⚓ Canal
- ⚓ Suspension Bridge
- ⚓ Road, Foot Trail
- ⚓ Agriculture Service Centre
- ⚓ Bridge



<p>JICA DEVELOPMENT STUDY ON INTEGRATED WATERSHED MANAGEMENT IN THE WESTERN HILLS OF NEPAL</p>	
<p>SOCIO-ECONOMIC BASE LINE SURVEY OF SOUTH PARGAT MODEL AREA DEVELOPMENT PROFILE MAP OF BALAKOT VDC</p>	
<p>MULTI Disciplinary Consultants (P) Ltd. KATHMANDU, NEPAL</p>	<p>DATE : Fig No : G/8</p>

Japan International Cooperation Agency

**JICA**

DEVELOPMENT STUDY

ON

**INTEGRATED WATERSHED MANAGEMENT**

IN

THE WESTERN HILLS OF NEPAL

**SOCIO ECONOMIC BASELINE SURVEY**

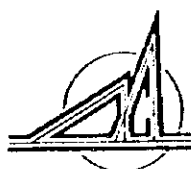
**KASKI EAST MODEL AREA**

**VOLUME - II : ANNEXES**

**Annexe 5**

**WARDWISE DATA**

July, 1996



मल्टी डिसिप्लिनरी कन्सल्टाण्टस् (प्रा). लि.  
**MULTI Disciplinary Consultants (P) Ltd.**

P.O. Box 5720, Kathmandu, Nepal  
Tel : 523103, 525076 Telex 2262, Narayani NP, Fax : (977-1)523103

**VDC\Wardwise Profile of Concerned VDC**

1. Deurali
2. Siddha
3. Thunki

## VDC PROFILE

Table 1: List of Interviewees for VDC information

VDC	Ward 1		Ward 2		Ward 3		Ward 4		Ward 5	
	Name	Desig.	Name	Desig.	Name	Desig.	Name	Desig.	Name	Desig.
Deurali	Mr. S.B. Shrestha	Head Master	Mr. S.L. Shrestha	Ward member	Mr. H.K. Shrestha	VDC chairman	Mr. D. Ghimire	Ward member	Mr. B.B. Gurung	Farmer
									Mr. N. Gurung	Farmer
Siddha	Mr. G.M. Shrestha	Ward member	Mr. P.B. K.C.	Ward member	Mr. B.B. Rana	Ward member	Mr. N.E. Malla	Ward member	Mr. N.B. Malla	Ward member
Thumki	Mr. B.M. Shrestha	Ward member	Mr. B.B. Aale	DDC member	Mr. S.B. Pariyar	Ward member	Mr. H.P. Adhikari	Ward member	Mr. T.S. Gurung	Ward member
							Mr. N. Acharya	Teacher		
Total										



**VDC/WARD  
DEVELOPMENT PROFILE  
OF  
DEURALI VDC**

VDC / WARD PROFILE

District : Kaski (E), VDC-1 - Deurali.

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
0. Data Sources										
Date of Survey (N/D/Y)										
Interviewee(s)	1									
	2									
	3									
1. Area and Location										
1.1 Settlement(s) (Village)	Dolekhuna	Beteni	Hatia	Pouwa	Gaia gaun	Khadgaun	Ramadi	Bhanyangkot	Basoulathar	
	Sahela	Ghimire gaun	Bimire	Chisapani	Khadgaun		Bhanyangkot	Uppalodi		
	Barbhanayang	Kaphal danda	Puranthali		Ripswara			Jaubari		
								Deurali Phedi		
1.2 Distance to :	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus
Polkhara	1.5	2.5	1	2	1	3	1	2	1	2.5
Kurna	1.5	4	2.5	4	2	4	2	4	2.5	4
Waling	1.5	4	2.5	4	2	4	2	4	2.5	4
Syanga	1.5	2	2.5	2	2	2	2	2	2.5	2
1.3 Land use										
a. Agricultural Land	33.75	50	17	14	13	8.75	25.3	11	21.25	194.05
Kast	20	31.25	7	5	2.5	2.75	10.05	3.5	14	96.05
Bar	13.75	18.75	10	9	10.5	6	15.25	7.5	7.25	98
b. Forest land										
Com. forest (Formal)	0	100	0	0	0	0	0	0	0	100
Com. forest (BF)	25	0	50	7.25	40	50	10	25	55	262.25
Private forest	1	2.5	3	0	0.75	1.7	1	1	2.5	13.55
Other forest	0	0	0	0	0	0	0	0	0	0
c. Grazing land	0	0.4	2	0	0.25	0	1	0.75	0.95	5.35
d. Settlement	1.5	5.5	3.5	2.8	2.5	2.3	1.45	1.5	2	22.85
e. Others	3.1	4	0.75	2.5	0	1.45	0	0.7	1.25	13.75
F. Total Area	64.35	162.4	76.05	26.55	56.5	64.2	38.75	39.95	82.95	611.7
2. Demography										
2.1 Household										
a. Total H. nos.	47	125	87	59	70	48	37	47	70	590
b. Woman headed H. nos.	10	27	11	20	25	9	6	10	17	155
2.2 Ethnic groups										
a. Brahman	15	34	2	24	28	0	8	0	36	177
b. Chhetri	0	30	0	0	6	3	0	0	9	48
c. Damai	0	4	1	0	0	5	0	12	6	28
d. Gurung	0	0	30	0	33	15	29	32	4	143
e. Jogi	1	2	0	0	2	0	0	0	0	5
f. Karm	0	6	6	0	0	0	0	3	10	23
g. Kunwar	0	0	0	0	0	0	0	0	0	0
h. Magar	0	0	0	0	0	0	0	0	0	0
i. Newar	1	39	47	35	0	0	0	0	4	126
j. Sarki	0	3	0	0	0	14	0	0	0	17
k. Other 1 Upper caste	0	7	1	0	1	11	0	0	1	21
l. Other 2 Lower caste	0	0	0	0	0	0	0	0	0	0
m. Other 3	0	0	0	0	0	0	0	0	0	0



VDC / WARD PROFILE

District : Kaski (E), VDC-1 - Deurali.

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
2.3 Population	230	383	264	158	247	142	110	145	184	1863
a. Male persons	218	397	263	148	237	145	137	144	163	1852
b. Female persons	448	780	527	306	484	287	247	289	347	3715
2.4 Age distribution										
5 yrs persons	49	99	63	40	53	29	20	41	50	444
6 and 15 yrs persons	105	163	121	55	107	50	50	65	73	820
16 and 24 yrs persons	106	173	109	73	110	56	22	46	64	759
25 and 44 yrs persons	107	205	138	73	114	70	60	78	97	942
45 and 59 yrs persons	53	74	63	40	69	36	80	28	38	481
60 yrs persons	28	66	33	25	31	15	15	31	25	269
2.5 Education level										
a. University Male persons	1	0	1	0	0	0	1	0	1	4
Female persons	0	0	0	0	0	0	0	0	0	0
b. College Male persons	11	20	3	22	2	2	5	1	10	76
Female persons	0	1	0	3	0	0	0	0	2	6
c. S.L.C. pass Male persons	5	50	12	6	8	1	8	0	18	108
Female persons	5	10	5	0	1	1	1	0	2	25
2.6 Occupation										
a. Carpenter persons	1	10	0	4	2	2	0	5	0	24
b. Black Smith persons	0	2	3	0	0	0	0	1	1	7
c. Tailor persons	0	2	1	0	0	2	0	5	0	10
d. Bamboo Work persons	0	0	0	0	0	0	0	0	0	0
e. Other handicraft persons	0	5	0	0	0	0	0	0	0	26
f. Mason (Brick Layer) persons	2	5	0	8	4	2	0	5	0	33
g. Teachers persons	6	8	6	6	1	0	3	2	1	9
h. Porters persons	0	4	0	0	0	5	0	0	0	258
i. Work in foreign persons	7	35	90	30	17	12	16	21	30	3
j. Driver persons	0	0	0	0	3	0	0	0	0	52
k. Civil servant persons	5	15	3	20	1	1	3	3	1	6
2.7 Out migration										
Total of the last 5 yrs Household	1	1	1	1	4	1	1	1	1	1
2.8 Major destinations										
1 Chitwan	1	1	1	1	1	1	1	1	1	1
2 Pokhara	2	2	2	2	2	2	2	2	2	2
3 Siddha	3	3	3	3	3	3	3	3	3	3
1 Nawalparasi										
2										
3										
2.9 In migration										
Total of the last 5 yrs Household	1	1	1	1	1	1	1	1	1	1
2.10 Major origins										
1	1	1	1	1	1	1	1	1	1	1
2	2	2	2	2	2	2	2	2	2	2
3	3	3	3	3	3	3	3	3	3	3

VDC / WARD PROFILE

District : Kaski (E), VDC-1 - Deurali.

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
3. Community organizations										
a. Mothers' club	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
b. Farmers' group		Y								4
c. Youth club										
d. 4-H club										
e. Ethnic organization	Y	Y	Y	Y	Y	Y	Y	Y	Y	8
f. Users' Group (Non-For.)										
g. Others										
4. Public facilities										
a. School										
Primary School	1 (1-5)			1 (1-5)	1 (1-5)	1 (1-5)				4
Secondary School										
High School		1 (6-10)								1
Campus										
b. Health facilities										
Hospital										1
H. post/center										
Pharmacy				Y						1
c. Post office										
d. Telephone	4	4	10	6				1	3	28
e. No. of shops										
f. Police station										
g. Bank										
h. Drinking water	Y	Y	Y	Y	Y	Y	Y	Y	Y	8
i. Elec. supply										
5. Agriculture/Livestock										
a. Major cropping pattern										
Khet										
Barri										
b. Crops sold to outside										
Name	1	2	3	1	2	3	1	2	3	1
Name	None	None	None	None	None	None	None	None	None	None
Name	1	2	3	1	2	3	1	2	3	1
Name	1 Paddy	2 Maize	3 Millet	1 Paddy	2 Maize	3 Wheat	1 Paddy	2 Maize	3 Millet	1 Paddy
Name	2 Maize	3 Millet	1 Buffalo	2 Maize	3 Wheat	1 Buffalo	2 Maize	3 Millet	1 Buffalo	2 Maize
Name	1 Buffalo	2 Cow	3 Bull	1 Buffalo	2 Cow	3 Bull	1 Buffalo	2 Cow	3 Bull	1 Buffalo
Name	2 Cow	3 Bull	4 Goat	2 Cow	3 Bull	4 Goat	2 Cow	3 Bull	4 Goat	2 Cow
Name	3 Bull	4 Goat	1 Orange	3 Bull	4 Goat	1 Orange	3 Bull	4 Goat	1 Orange	3 Bull
Name	4 Goat	1 Orange	2 Banana	4 Goat	1 Orange	2 Banana	4 Goat	1 Orange	2 Banana	4 Goat
Name	1 Orange	2 Pears	3	1 Orange	2 Pears	3	1 Orange	2 Pears	3	1 Orange
Name	2 Pears	3	1	2 Pears	3	1	2 Pears	3	1	2 Pears
Name	3			3			3			3

For location, see attached page 9 of 9.

See "Major Cropping Pattern" attached page 8 of 9.



## PROFILE OF DEVELOPMENT PROJECTS

District:Kaski (E), VDC: DEURALI

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Yes/No)	User s group (Yes/No)
						Male	Female		
Deurali	1-6,9	1	1 1991	Provide drinking water facilities 379 households	1	U 80 S 150	U 50	Yes	Yes
Deurali	7	1	1 1998	Provide drinking water facilities 27 households	1	WP	WP	Yes	Yes
Deurali	2,3	4	1 1988	Forestration 212 households	1	WP	WP	Yes	Yes
Deurali	2,3,5,6	6	2 NA	Tranport facilities 590 households	1	WP	WP	Yes	Yes
Deurali	4	10	1 1959	Provide Post-Office Facilities 590 households	1	WP	WP	No	No
Deurali	3	12	1 NA	Provide health-post facilities 590 households	1	WP	WP	No	No

S=skilled, U=unskilled

WP = Wage paid as per prevailing rates.

NA = Not available

## Code Project Category

- 1 Drinking water
- 2 Irrigation
- 3 Agriculture
- 4 Reforestation
- 5 Foot trails
- 6 Motorable roads
- 7 Check dam
- 8 Bridge
- 9 Power supply
- 10 Communication (Post, telephone)
- 11 Toilet construction
- 12 Health facility
- 13 School
- 14 Family planning
- 15 Nutritional improvement
- 16 Cottage industry
- 17 Other (specify)

## Project Status

- 1 Completed (year in completion)
- 2 On-going (year to be completed)
- 3 Planned (Year expected to start)

## Fund:

- 1 Public agencies
- 2 NGO
- 3 Others (Specify)

## PROFILE OF COMMUNITY FOREST

District:Kaski (E), VDC: DEURALI

Location (VDC)	Status	Ward(s) Covered by Forest	Ward(s) that use Forest	Area (Hectare)	No. of User Households	Dominant Tree Species	Usage of Forest	Management	
								Watchman (Yes/No)	Rules (Yes/No)
Deurali	1	2	2,3	100	212	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	2	1	1	25	47	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	2	3	3	50	87	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	2	6	6	50	48	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	2	7	7	10	37	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	3	4	4	7.25	59	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	3	5	5	40	70	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	3	8	8	25	47	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Deurali	3	9	9	55	70	1. Sal 2. Chilaune 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes

Code:

Status

- 1 Formal (recognized by DFO)
- 2 Under processing for application or approval
- 3 Informal

Usage of Forest

- 1 Mainly for fuelwood collection
- 2 mainly for fodder and leaf litter collection
- 3 Mainly for timber
- 4 Others (Specify)

Rules:

- 1 Boundary rules (whether it has a fixed boundary or not)
- 2 Input rules (type and amount of resources required by each user to contribute to the user group activities)
- 3 Harvesting rules (how the benefits are shared by users)
- 4 Penalty rules (to punish the rule breakers)

## NATURAL DISASTERS IN THE PAST

District:Kaski (E), VDC: DEURALI

Location		Type of Disaster	Year/month occurred (Christian era)	Damages			Counter measure(s)	
VDC name	Ward No.			Casualty	Property		Proposed Measures	Implementation (Yes/No)
					Private	Public		
Deurali	1	1	Since 1987 July Regular	Killed	House		Apply in JICA site office .	No
				Injured	Livestock			
					Farm land 2 ha	1 ha		
Deurali	2	1	1987 July	Killed	House		Apply in JICA site office .	Yes
				Injured	Livestock			
					Farm land 5 ha	2.25 ha		
Deurali	9	1	1987 July	Killed	House		Apply in JICA site office .	No
				Injured	Livestock			
					Farm land 3.5 ha	0.25 ha		
Deurali	6	2	1987 July	Killed	House		Apply in JICA site office .	No
				Injured	Livestock			
					Farm land 0.1 ha	0.25 ha		
Deurali	8	2	1988 July	Killed	House		Apply in JICA site office .	No
				Injured	Livestock			
					Farm land 0.2 ha	0.2 ha		
				Killed	House			
				Injured	Livestock			
					Farm land			
				Killed	House			
				Injured	Livestock			
					Farm land			

Code:    Type of disasters:  
1 Flood  
2 Land slide  
3 Forest fire  
4 Other (specify

# CROPPING PATTERN

## Kaski District

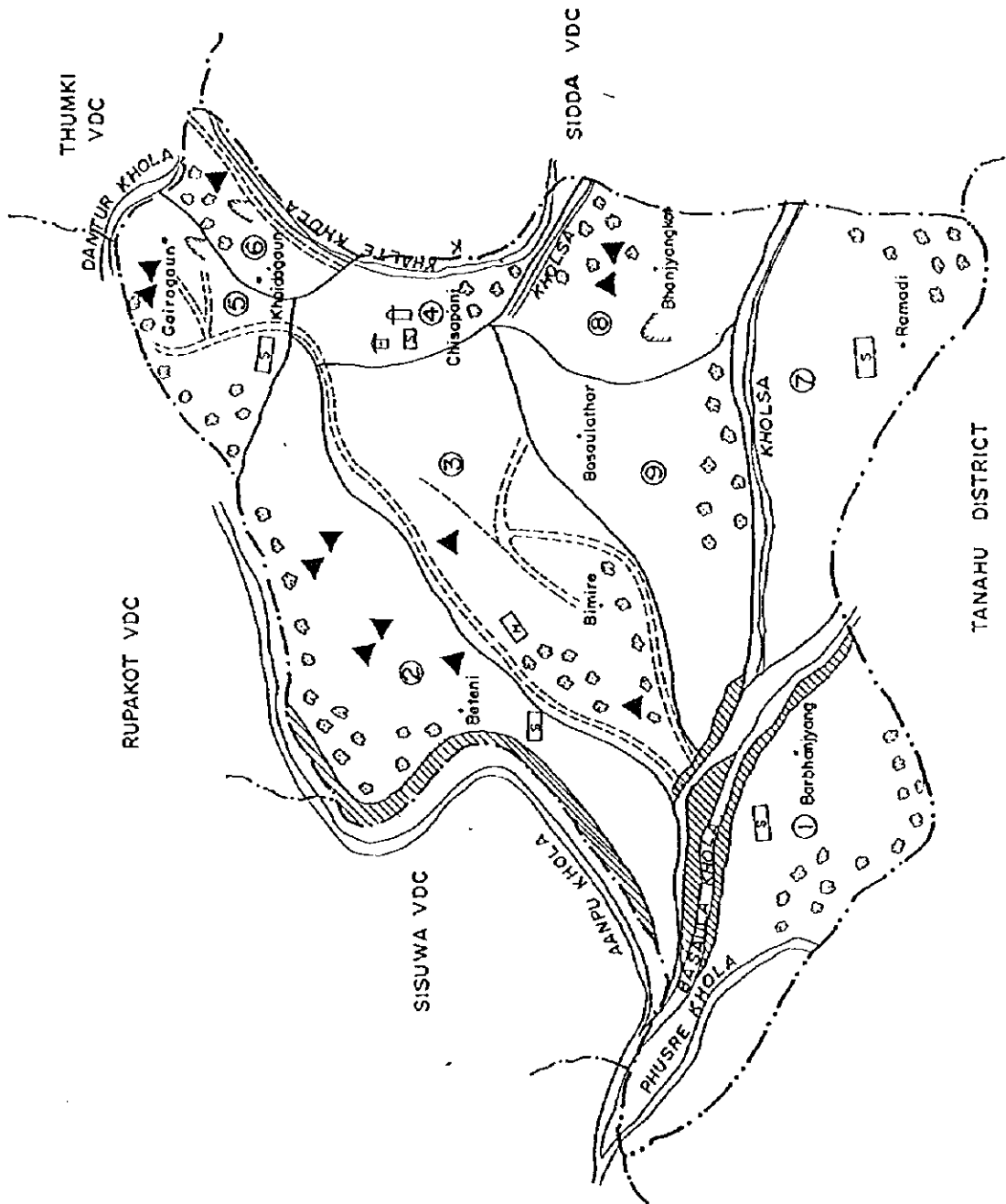
### Deurali VDC

Khet/Bari Pattern No.	Month											
	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
Khet Pattern - 1	Wheat							Paddy				
Pattern - 2				Maize				Paddy				
Pattern - 3	Potato							Paddy				
Pattern - 4								Paddy				
Pattern - 5	Wheat			Paddy				Paddy				
Bari Pattern - 1	Mustard			Maize				Millet				
Pattern - 2				Maize				Millet				
Pattern - 3	Potato			Maize				Millet				
Pattern - 4				Maize				Millet				
Pattern - 5	Maize							Upland Rice				



LEGEND:

- District Boundary
- - - VDC Boundary
- Ward Boundary
- Village
- ▲ Ward No.
- ▲ Mountain Ridge
- ▲ River/Khola
- ▲ Forest
- ▲ Land Slide
- ▲ Other Natural Disaster Site
- ▲ School
- ▲ Health Facility
- ▲ Post Office
- ▲ Police Station
- ▲ Bank
- ▲ Spring
- ▲ Canal
- ▲ Suspension Bridge
- ▲ Road, Foot Trail
- ▲ Agriculture Service Centre
- ▲ Flood
- ▲ Viti: Telegraphic
- ▲ Red-Cross



JICA

DEVELOPMENT STUDY ON INTEGRATED WATERSHED MANAGEMENT IN THE WESTERN HILLS OF NEPAL

SOCIO-ECONOMIC BASE LINE SURVEY OF EAST KASKI MODEL AREA

DEVELOPMENT PROFILE MAP OF DEURALI VDC

MULTI Disciplinary Date:

Consultants (P) Ltd. Fig No: 1/3

Kathmandu, Nepal

