

The development study on integrated watershed
management in the western hills of Nepal :
socio-economic baseline survey : databook (3)

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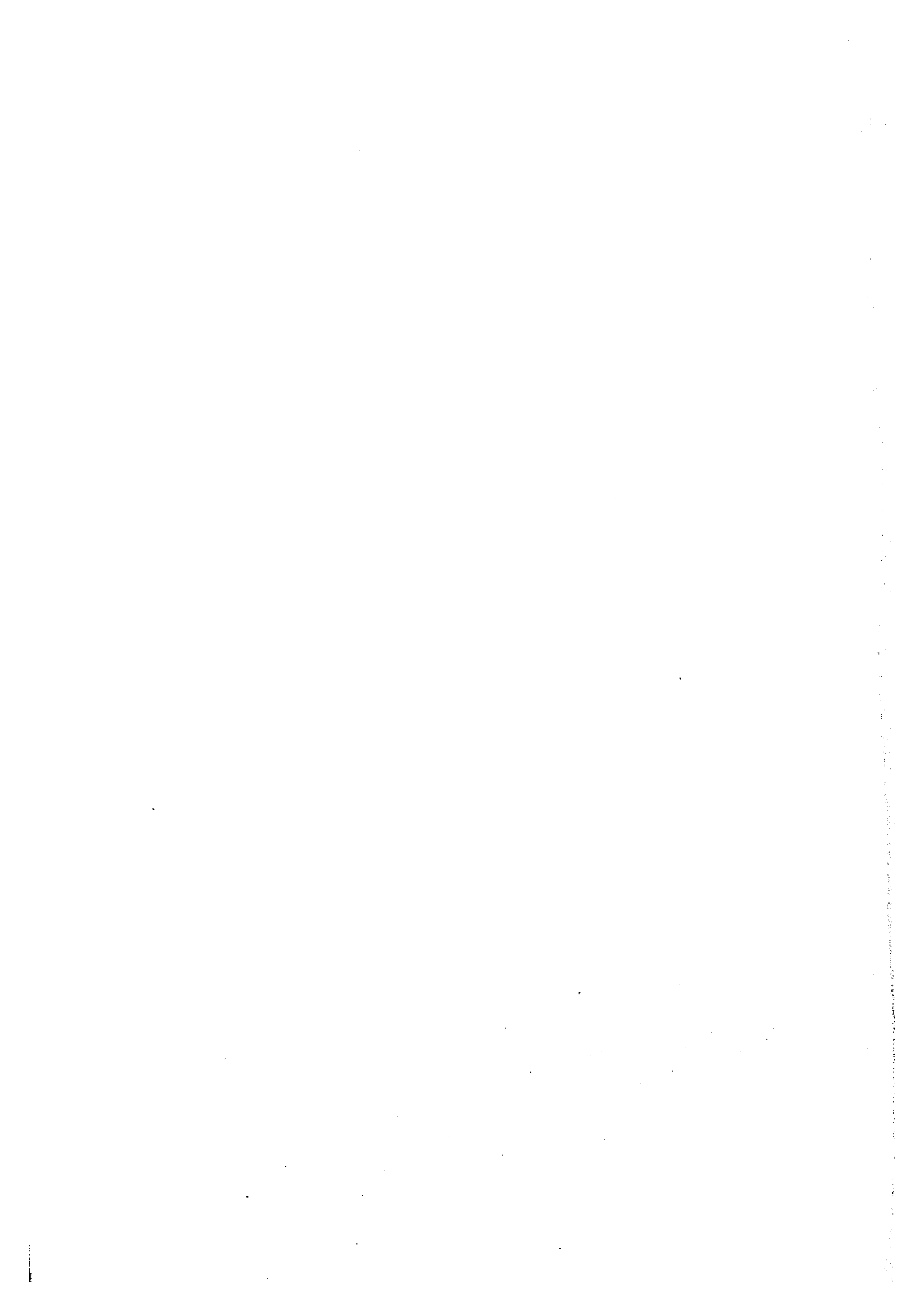


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His Majesty's Government of Nepal

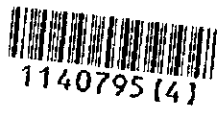
**THE DEVELOPMENT STUDY
ON
INTEGRATED WATERSHED MANAGEMENT
IN THE WESTERN HILLS OF NEPAL**

SOCIO-ECONOMIC BASELINE SURVEY

**DATABOOK (3)
(VDC/Ward Profile)**

JANUARY 1998

**JAPAN FOREST TECHNICAL ASSOCIATION (JAFTA)
KOKUSAIKOGYO CO., LTD.**



1140795 (4)

List of VDCs / Wards Concerned in Each Model Area

District / Model Area / VDC	No. of Wards concerned	Ward No.								
		1	2	3	4	5	6	7	8	9
PARBAT DISTRICT	163									
A. North Model Area	113									
1. Katuwa Chaupari	9	●	●	●	●	●	●	●	●	●
2. Thapathana	9	●	●	●	●	●	●	●	●	●
3. Shankar Pokhari	9	●	●	●	●	●	●	●	●	●
4. Karkineta	9	●	●	●	●	●	●	●	●	●
5. Khaula Lankuri	7	●	●	●	●	●	●	●		
6. Thuli Pokhari	8	●	●	●	●	●	●	●		●
7. Pipartari	7	●	●	●	●	●			●	●
8. Mudikuwa	3						●	●	●	
9. Bhangara	9	●	●	●	●	●	●	●	●	●
10. Limthana	9	●	●	●	●	●	●	●	●	●
11. Thana Maulo	9	●	●	●	●	●	●	●	●	●
12. Phalam Khani	9	●	●	●	●	●	●	●	●	●
13. Lunkhu Deurali	1	●								
14. Kurgaha	7	●	●		○	●	●	●	●	
15. Devasthan	3	●	●	○						
16. Khanigaun	5	●					●	●	●	●
B. South Model Area	50									
17. Tribeni	9	●	●	●	●	●	●	●	●	●
18. Saraukhola	9	●	●	●	●	●	●	●	●	●
19. Baulibas	7	●	●	●	●	●				
20. Huwas	9	●	●	●	●	●	●	●	●	●
21. Bhorle	3			●	●	●				
22. Bhoksing	1	●								
23. Hosrandgi	9	●	●	●	●	●	●	●	●	●
24. Balakot	3	●	●						●	●
KASKI DISTRICT	144									
A. East Model Area	27									
1. Deurali	9	●	●	●	●	●	●	●	●	●
2. Siddha	9	●	●	●	●	●	●	●	●	●
3. Thumki	9	●	●	●	●	●	●	●	●	●
B. North Model Area	81									
4. Arba Vijaya	9	●	●	●	●	●	●	●	●	●
5. Mauja	9	●	●	●	●	●	●	●	●	●
6. Bhalam	9	●	●	●	●	●	●	●	●	●
7. Lamachaur	9	●	●	●	●	●	●	●	●	●
8. Armala	9	●	●	●	●	●	●	●	●	●
9. Kahun	9	●	●	●	●	●	●	●	●	●
10. Purunchaur	9	●	●	●	●	●	●	●	●	●
11. Lahachok	8	●	●	●	●	●	●	●		
12. Sildujure	2								●	●
13. Sardikhola	1				●					
14. Kalika	3			●			●			●
15. Rakhi	4	●				●		●		○
C. West Model Area	36									
16. Kristinachnechaur	9	●	●	●	●	●	●	●	●	●
17. Pumdibhumdi	9	●	●	●	●	●	●	●	●	●
18. Chapakot	9	●	●	●	●	●	●	●	●	●
19. Bhadaure Tamagi	9	●	●	●	●	●	●	●	●	●

Remarks:

● : Wards concerned in respective VDCs.

○ : Wards concerned. They are not within the area covered by the topographic map, however. Ward No.4 of Puranchaur VDC is composed of two separate areas.

Japan International Cooperation Agency

JICA

DEVELOPMENT STUDY

ON

INTEGRATED WATERSHED MANAGEMENT

IN

THE WESTERN HILLS OF NEPAL

SOCIO ECONOMIC BASELINE SURVEY

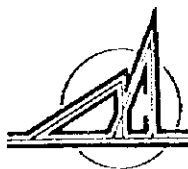
PARBAT NORTH MODEL AREA

VOLUME II : ANNEXES

Annexe 1 (1/2)

WARDWISE DATA

March 1996



मल्टी डिसिप्लिनरी कन्सल्टाण्टस् (प्रा). लि.
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VDC\Wardwise Profile of Concerned VDC

1. Katuwa Chaupari
2. Thapathana
3. Shankar Pokhari
4. Karkineta
5. Khaula Lankuri
6. Thuli Pokhari
7. Pipaltari
8. Mudikuwa
9. Bhangara
10. Limithana
11. Thanamaula
12. Phalamkhani
13. Lunkhu Deurali
14. Kurgaha
15. Debisthan
16. Khanigaun

**VDC/WARD
DEVELOPMENT PROFILE
OF
Katuwa Chaupari VDC**

VDC / WARD PROFILE

District:Parbat, VDC-1 - Kanwa chaupari

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)											
Name											
1											
2											
3											
1.2 Distance to :											
hours (one way)											
1											
2											
3											
4											
1.3 Land use											
a. Agricultural Land											
Hectare											
17.5											
5											
b. Forest land											
For location of community forests, see page 9 of 9											
Hectare											
2											
c. Grazing land											
Hectare											
0.75											
d. Settlement											
Hectare											
5											
e. Others											
Hectare											
0											
2. Demography											
2.1 Household											
nos.											
43											
2.2 Ethnic groups											
a. Brahman											
Hhold											
10											
b. Chhetri											
Hhold											
0											
c. Damai											
Hhold											
0											
d. Gurung											
Hhold											
0											
e. Jogi											
Hhold											
0											
f. Kami											
Hhold											
0											
g. Kuniwar											
Hhold											
0											
h. Magar											
Hhold											
0											
i. Newar											
Hhold											
0											
j. Sarki											
Hhold											
0											
k. Other 1 (Sunar)											
Hhold											
0											
l. Other 2											
Hhold											
0											
m. Other 3											
Hhold											
0											

VDC / WARD PROFILE

District: Parbat, VDC-1 - Katuwa chaupari

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	112	110	75	113	120	75	120	80	80	885
b. Female persons	116	143	79	100	142	77	136	106	85	984
c. Total persons	228	253	154	213	262	152	256	186	165	1869
2.4 Age distribution										
5 yrs persons	25	28	17	23	29	17	28	21	18	206
6 and 15 yrs persons	41	45	28	38	47	27	46	33	30	335
16 and 24 yrs persons	55	61	37	51	63	36	61	45	40	449
25 and 44 yrs persons	64	71	43	60	73	43	72	52	46	524
45 and 59 yrs persons	27	30	18	26	32	18	31	22	20	224
60 yrs persons	16	18	11	15	18	11	18	13	11	131
2.5 Education level										
a. University Male persons	3	3	5	5	5	5	2	2	3	28
Female persons					4					7
b. College Male persons	3	3	3	3	4	2	6	5	2	31
Female persons	2	2	2	2	2	3	3	2	2	20
c. S.L.C. pass Male persons	10	7	10	10	5	5	5	7	5	64
Female persons	7	5	7	7	4	2	3	3	3	41
2.6 Occupation										
a. Carpenter persons	3	3	15	15	4	5	3	5	7	42
b. Black Smith persons			7	7	3			5	3	18
c. Tailor persons					10				5	15
d. Bamboo Work persons										
e. Other handicraft persons			10	15	7			5	15	52
f. Mason (Brick Layer) persons		7	6	5	3		2	3	1	27
g. Teachers persons				10	15	4	4	6	15	54
h. Porters persons	6	6	3	14	5	3	5	4	2	48
i. Work in foreign persons										
j. Driver persons										
k. Civil servant persons										
2.7 Out migration										
Total of the last 5 yrs Household	1	1				1				3
2.8 Major destinations										
1 Pipaltari	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 Household	1									1
2.10 Major origins										
1 Pipaltari	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-1 - Katuwa chaupari

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	8
b. Farmers' group	Y	Y	Y	Y	Y	Y	Y	Y	Y	2
c. Youth club										3
d. J-H club										
e. Ethnic organization	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
f. Users' Group (Non-Far)										
g. Others										
4. Public facilities										
a. School										1
Primary School	1 (1-5)									
Secondary School										1
High School			1 (1-10)							
Campus										
b. Health facilities										
Hospital										
H. post/center										
Pharmacy			Y							1
c. Post office										
d. Telephone	2	2	3	2	3	2	1	2	2	19
e. No. of shops										
f. Police station										
g. Bank	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
h. Drinking water										
i. Elec. supply										
5. Agriculture/Livestock										
a. Major cropping pattern										
b. Crops sold to outside	1 Potato	1 Potato	1 Vegetable	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Potato	1 Mustard	1
	2 None	2 None	2 Black gram	2 None	2 Wheat	2 None	2 None	2	2 Black gram	2
	3	3	3	3	3 Maize	3	3	3	3	3
	1	1	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1
	2 None	2 None	2	2 Wheat	2 Wheat	2	2	2 Wheat	2 Wheat	2
	3	3	3	3 Vegetable	3	3	3	3 Maize	3 Maize	3
	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1
	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2
	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3
	4	4	4	4	4	4	4	4	4	4
	1 None	1 None	1 None	1 None	1 None	1 None	1 None	1 None	1 None	1
	2	2	2	2	2	2	2	2	2	2
	3	3	3	3	3	3	3	3	3	3
c. Horticultural crops sold to outside										
	1 None	1 None	1 None	1 None	1 None	1 None	1 None	1 None	1 None	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

PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC- Katuwa Chaupari

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Yes/No)	Users' group (Yes/No)
						Male	Female		
Katuwa Chaupari	1-9	1	1 1990	Provide drinking water facility 345 households (60 taps)	1	S 100 U 40	U 40	Yes	Yes
Katuwa Chaupari	2-8	2	1 1978	Provide Irrigation facility 450 households	1	WP	WP	Yes	Yes
Katuwa Chaupari	1-9	1	1 1989	All people of VDC, (52 taps)	1	WP	WP	No	Yes
Katuwa Chaupari	2-8	2	1 1986	300 household	1	WP	WP	No	Yes

S=Skilled,

WP = Wage Paid as per prevailing rates.

U = Unskilled

Code:

Project Category

- 1 Drinking water
- 2 Irrigation
- 3 Agriculture
- 5 Reforestation
- 4 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: Parbat, VDC- Katuwa Chaupari

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)
Katuwa Chaupari	3	9	9	5	120	1. Salla 2. Shishau 3. Chilaune 4. Katus	1,2,3	Yes	1) No 2) 3) 4)
Katuwa Chaupari	2	8	8,9	5	46	1. Salla 2. Shishau	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Katuwa Chaupari	1	1,2	2	6.5	58	1. Salla 2. Khayar 3. Chilaune 4. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Katuwa Chaupari	2	1	1	7	50	1. Salla 2. Shishau 3. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
									1) 2) 3) 4) 5)
									1) 2) 3) 4) 5)
									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:

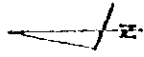
- 1 Boundary rules (whether it has a fixed boundary or not)
- 2 Input rules (type and amount of resources required by each user to contribute to the user group activities)
- 3 Harvesting rules (how the benefits are shared by users)
- 4 Penalty rules (to punish the rule breakers)

NATURAL DISASTERS IN THE PAST

Distict: Parbat, VDC- Katuwa Chaupari

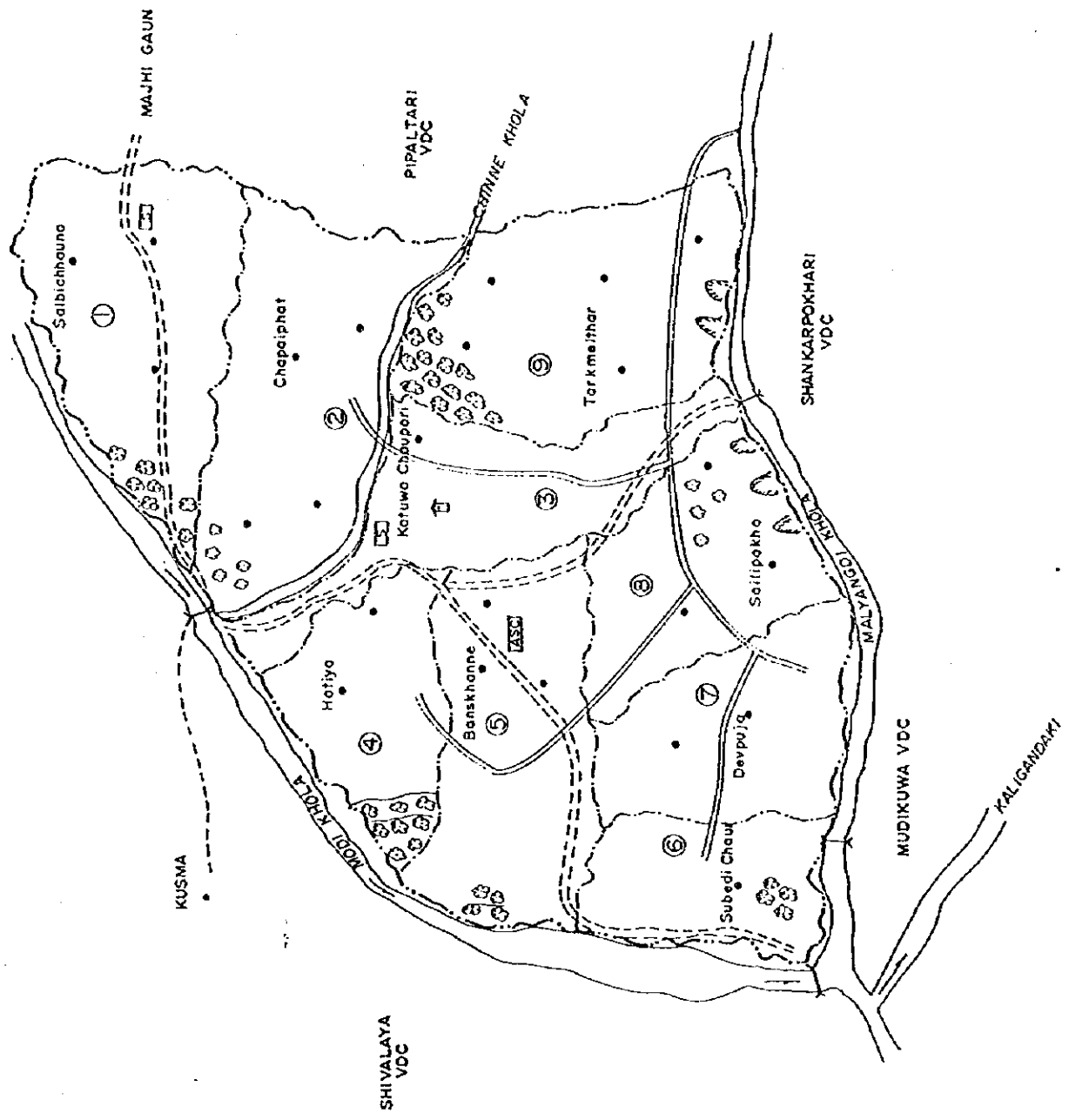
Location		Type of Disaster	Year/month occurred (Christian era)	Damages			Counter measure(s)	
VDC name	Ward No.			Casualty	Property		Proposed Measures	Implementation (Yes/No)
					Private	Public		
Katuwa Chaupari	8	2	1994	Killed	House	0.5 ha	No	
				Injured	Livestock			
					Farm land			
Katuwa Chaupari	9	2	1994	Killed	House	0.25 ha	No	
				Injured	Livestock			
					Farm land			
				Killed	House			
				Injured	Livestock			
					Farm land			
				Killed	House			
				Injured	Livestock			
					Farm land			
				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 (soil erosion)



LEGEND:

- VDC BOUNDARY
- WARD BOUNDARY
- VILLAGE
- ② WARD NO.
- ▲ MOUNTAIN RIDGE
- ~ RIVER
- ☉ FOREST
- △ LAND SLIDE
- ☉ OTHER NATURAL DISASTER SITE
- ☉ SCHOOL
- ☉ HEALTH FACILITY
- ☉ POST OFFICE
- ☉ POLICE STATION
- ☉ BANK
- ☉ SPRING
- ☉ CANAL
- ☉ BRIDGE SUSPENSION BRIDGE
- ☉ ROAD, FOOT TRAIL
- ☉ AGRICULTURAL SERVICE CENTER
- ☉ COOPERATIVE
- ☉ FLOOD
- ☉ VHF TELEPHONE



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

SOCIO-ECONOMIC BASE LINE SURVEY OF
 NORTH PARBAT MODEL AREA

DEVELOPMENT PROFILE MAP OF
 KATUWA CHAUPARI VDC

MULTI Disciplinary
 Consultants (P) Ltd.
 KATHMANDU, NEPAL

DATE :
 PG No : 1/16

**VDC/WARD
DEVELOPMENT PROFILE**

OF

Thapathana VDC

VDC / WARD PROFILE

District : Parbat, VDC -2 - Thapathana

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																		
	2																		
	3																		
1. Area and Location																			
1.1 Settlement(s) (Village)																			
Name	Tallokhum		Tham		Hanya		Mehalpokhari		Palchar		Gaurthok		Lanschilaune		Kamje		Durbum		
	Foot		Foot		Foot		Foot		Foot		Foot		Foot		Foot		Foot		
	3.5		3.5		2.5		3		3		2.5		3		3		4		3
	3.5		3.5		3		3		3		3		3		4		4		3
	4		2		2		4		2		2		5		2		4		2
	4		0.5		0.5		4		0.5		0.5		5		0.5		4		0.5
1.2 Distance to :																			
Pokhara	3.5		3		2.5		3		3		3		3		3		4		2
Kusma	3.5		3.5		3		3		3		3		3		4		4		3
Waling	4		2		2		4		2		2		5		2		4		2
Syangia	4		0.5		0.5		4		0.5		0.5		5		0.5		4		0.5
1.3 Land use																			
Agricultural Land	50		53		34		57		63		53		78		60		52		508
Khet	20		18		17		17		25		11		28		26		22		175
Bari	30		35		34		40		38		42		50		34		30		333
Forest land																			
Com. forest (Formal)	6		23.5		0		8		5		1		5		3		7		58.5
Com. forest (IF)	200		150		0		0		1		0		200		50		150		781
Private forest	0		0		0		0		0		0		0		0		0		0
Other forest	0		0		0		0		0		0		0		0		0		0
Grazing land	1		2		0		1		1		1		2		0		0		9
Settlement	3.5		2.5		1.5		1.4		1.75		0.95		4.25		2.6		2.05		20.5
Others(Rivers)	1		0		0		0		0		0		1		2		2		6
2. Demography																			
2.1 Household																			
a. Total	82		69		41		48		53		35		153		80		68		629
b. Woman headed	16		13		2		3		20		3		30		35		25		147
2.2 Ethnic groups																			
a. Brahman	2		5		34		2		2		21		25		7		4		100
b. Chhetri	2		22		1		51		51		11		121		18		51		277
c. Damai																			2
d. Gurung	6		30								3				46		13		107
e. Jop	7		1																8
f. Kami																			
g. Kunwar																			
h. Magar	65																		65
i. Newar			11		39		3						6		9		10		59
j. Sarku																			1
k. Other (Muslim)					1														1
l. Other 2																			
m. Other 3																			

VDC / WARD PROFILE

District : Parbat, VDC -2 - Thapathana

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
2.10 Major origins	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
3. Community organizations										
	a. Mothers' club	Y	Y	Y	Y	Y	Y	Y	Y	9
	b. Farmers' group	(Y/N)								
	c. Youth club	(Y/N)								1
	d. 4-EI club	(Y/N)	Y							
	e. Ethnic organization	(Y/N)								
	f. Users' Group (Non-Fer.)	(Y/N)	Y	Y	Y	Y	Y	Y	Y	8
	g. Others	(Y/N)								
4. Public facilities										
	a. School									
	Primary School	(1-3) 1								2
	Secondary School								(1-7) 1	1
	High School	(1-10) 1								1
	Class nos.									
	Class nos.									
	Hospital									
	H. post/center									
	Pharmacy		1							
c. Post office										
	(Y/N)									
	(Y/N)									
	nos.	3	1	22	2	1	1	2	2	32
f. Police station										
	(Y/N)									
g. Bank										
	(Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	8
h. Drinking water										
	(Y/N)									
i. Elec. supply										
	(Y/N)									
5. Agriculture/Livestock										
	a. Major cropping pattern									
	b. Crops sold to outside									
	Name	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2
	Name	3	3	3	3	3	3	3	3	3
	Name	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2
	Name	3	3	3	3	3	3	3	3	3
	Name	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2
	Name	3	3	3	3	3	3	3	3	3
	Name	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2
	Name	3	3	3	3	3	3	3	3	3
c. Food (cereal, veg) insufficient in the village										
	Name	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2
	Name	3	3	3	3	3	3	3	3	3
d. Livestock raised										
	Name	1	1	1	1	1	1	1	1	1
	Name	2	2	2	2	2	2	2	2	2
	Name	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
	Name	2	2	2	2	2	2	2	2	2
Name	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

VDC / WARD PROFILE

District : Parbat, VDC -2 - Thapathana

6. Forest	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												
a. Community forests		For the details of community forest, see "Profile of Community Forest" attached : page 6 of 9																																						
b. Forest products sold Timber, Fuel wood	Name	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	1	2	3	1	2	3			
	Name	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	None	
	Name																																							
7. Cottage industries																																								
a. No. of H.H. Involved																																								
	Rice mill	1			2			1																																
	Other mill (Mize, Millet)	1			2																																			
	Other food processing																																							
	Wood processing																																							
	Bamboo work																																							
	Poultry farming																																							
	Others																																							
8. Natural Disaster in the past 10 years		See "Profile of Natural Disaster" attached : page 7 of 9																																						
	(Y/N)	Y			Y			Y			Y			Y			Y			Y			Y			Y			Y			Y			Y			Y		

PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC-Thapathana

VDC	Ward(s) Involved	Project Category	Project Status	Project Feature (Including No. of Beneficiaries)	Fund	Wage rate in VDC (Rs)		Beneficiaries' Contribution (Yes/No)	Users' group (Yes/No)
						Male	Female		
Thapathana	5	1	1 1994	Provide drinking water facility 53 households	1	U 50	U 40	Yes	No
Thapathana	1,2,3,4, 6,8,9	1	2 1997	405 households	1	WP	WP	Yes	Yes
Thapathana	7	1	3 1996	153 households	1	NA	NA	No	Yes
Thapathana	1,2,4,5, 6,7,8,9	4	1 1992	Increase fuel and fodder availability, 591 households	3	WP	WP	Yes	Yes
Thapathana	2	5	2 1995	72 households	1	WP	WP	Yes	Yes
Thapathana	1,5	7	3 1995	135 households	1	WP	WP	No	No
Thapathana	9	8	3 1995	68 households	1	WP	WP	No	No
Thapathana	1,3	13	1 1994	Consturction of class-room 123 households	1	WP	WP	No	No

U = Unskilled

S = Skilled

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 (fund of ward)

PROFILE OF COMMUNITY FOREST

District: Parbat, VDC-Thapathana

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 (Y/N)
Thapathana	1	1	1-6	6	331	1. Rahachan 2. Mauwa 3. Chilaune 4. Utis	1,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	1	2	1-6	23.5	331	1. Mauwa 2. Rahachan 3. Guras	1,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	1	4	3,4,6	8	124	1. Sallo 2. Chilaune 3	1,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	1	5	3,5	5	94	1. Sallo 2. Utis 3	1,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	1	6	3,4,6	1	124	1. Sallo 2. Chilaune 3	1,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	1	7	6,7	5	188	1. Sal 2. Chilaune 3. Sallo	1,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	1	8	8,9	3	146	1. Chilaune 2. Sallo 3. Mauwa	1,3	No	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	1	9	8,9	7	148	1. Chilaune 2. Katus 3. Mauwa	1,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Thapathana	3	1,2,5,7-9	1-9	751	632	1. Chilaune 2. Katus 3. Sallo	1,2,3	No	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 : Parbat, VDC-Thapathana

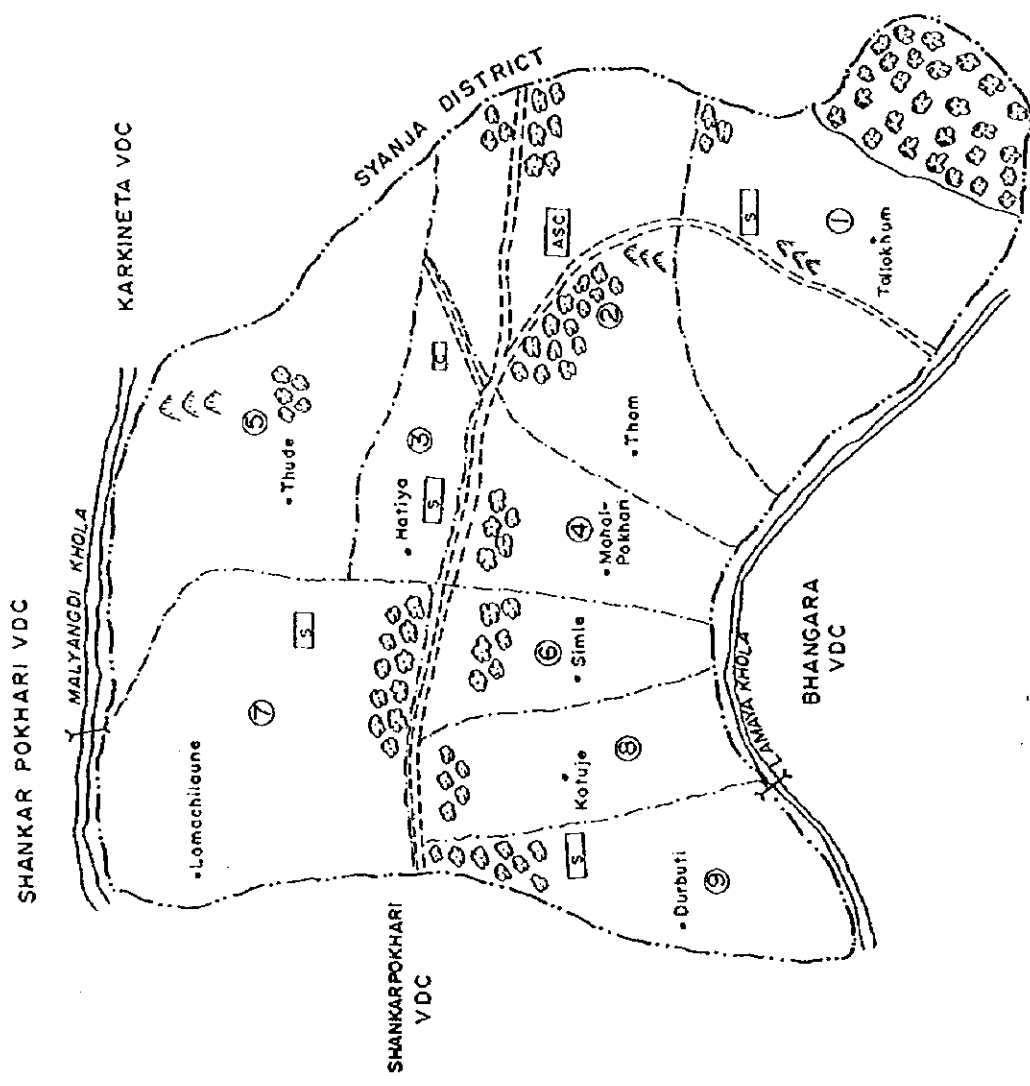
Location		Type of Disaster type	Year/month Year of occurrence	Damages			Counter measure(s)	
VDC name	Ward No.			Casualty	Property		Proposed Measures	Implementation (Yes/No)
			Private		Public			
Thapathana	1	2	1993 Jul	Killed	House	1	Self maintenance	No
				Injured	Livestock	2		
					Farm land	6.5 ha.	No	No
Thapathana	2,7,8	4	1992 Jul.	Killed	House-7	1	Help from VDC and govt.	Yes
				Injured	Livestock	2		
					Farm land	4 3	Yes	
Thapathana	1	3	1992 Jul.	Killed	House	1	Rescue operation by people	No
				Injured	Livestock	2		
					Farm land	3	No	
Thapathana	2	2	1995 June	Killed	House	1	No	No
				Injured	Livestock	2		
					Farm land	3 1.5 ha.	Self Mentinance	
Thapathana	5	2	1995 June	Killed	House	1	No	No
				Injured	Livestock	2		
					Farm land	3 3 ha.	Self Mentinance	
				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 Others (Fine)



- LEGEND:**
- VDC BOUNDARY
 - - - WARD BOUNDARY
 - VILLAGE
 - ② WARD NO.
 - ▲ MOUNTAIN RIDGE
 - ~ RIVER
 - ◊ FOREST
 - ∧ LAND SLIDE
 - ☉ OTHER NATURAL DISASTER SITE
 - SCHOOL
 - ⊕ HEALTH FACILITY
 - ⊖ POST OFFICE
 - ⊗ POLICE STATION
 - ⊘ BANK
 - ⊙ SPRING
 - ▬ CANAL
 - ⊎ BRIDGE SUSPENSION BRIDGE
 - ⊏ ROAD, FOOT TRAIL
 - ⊐ AGRICULTURAL SERVICE CENTER
 - ⊑ COOPERATIVE
 - ⊒ FLOOD
 - ⊓ VHF TELEPHONE



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

SOCIO-ECONOMIC BASE LINE SURVEY OF
 NORTH PARBAT MODEL AREA
 DEVELOPMENT PROFILE MAP OF
 THAPATHANA VDC

MULTI Disciplinary
 Consultants (P) Ltd.
 KATHMANDU, NEPAL

DATE :
 Fig No : 2/16

**VDC/WARD
DEVELOPMENT PROFILE
OF
Shankar Pokhari VDC**

VDC / WARD PROFILE

District : Parbat, VDC -3 - Shankar Pokhari

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	230	150	200	500	450	175	200	500	270	2675
b. Female persons	285	194	225	600	550	225	200	500	525	3104
c. Total persons	515	344	425	1100	1000	400	400	1000	595	5779
2.4 Age distribution										
5 yrs persons	51	69	51	165	160	60	100	150	83	889
6 and 15 yrs persons	103	68	76	165	150	100	100	200	197	1159
16 and 24 yrs persons	77	34	85	220	200	68	40	150	131	1005
25 and 44 yrs persons	129	97	107	330	240	80	80	300	131	1494
45 and 59 yrs persons	78	42	64	132	180	72	60	150	42	820
60 yrs persons	77	34	42	88	70	20	20	50	11	412
2.5 Education level										
a. University Male persons	40	2	7	5	20	2	4		5	85
Female persons	3								2	5
b. College Male persons	25	30		90	10	4	11	2	30	202
Female persons	2	1		10	6	2	4	2	2	27
c. S.L.C. pass Male persons	50	18	20	75	15	1	20	5	20	224
Female persons	20	7	1	25	5	4	10	3	3	78
2.6 Occupation										
a. Carpenter persons	3	6	10	3	30	1	5	20	3	81
b. Black Smith persons	2						1	15	15	18
c. Tailor persons					58		1	10		69
d. Bamboo Work persons	7						2	25		34
e. Other handicraft persons										0
f. Mason (Brick Layer) persons	5	15		20	30			15		85
g. Teachers persons	25	10	5	30	8	6	15	15	15	114
h. Porters persons	2		20		40	3	10	100	10	185
i. Work in foreign persons	70	50	22	25	40	5	15	40	80	347
j. Driver persons	4	3	2	1	10				7	27
k. Civil servant persons	10	1	2	7	22	3	2		6	53
2.7 Out migration										
Total of the last 5 yrs household	1		7	12	3		3			26
2.8 Major destinations										
1. Rupandehi	1		1 Taratal	1 Chitwan	1 Chitwan	1	5 Bhairahawa	1	1	1
2	2		2 Jogiqui	2	2	2	2	2	2	2
3	3		3 Bhairahawa	3	3	3	3	3	3	3
2.9 In migration										
Total of the last 5 yrs household			1		1				1	2
2.10 Major origins										
1	1		1 Modikwa	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 -3 - Shankar Pokhari

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	Y	3
b. Farmers' group	(Y/N)							Y	Y	3
c. Youth club	(Y/N)							Y		1
d. 4-H club	(Y/N)									
e. Ethnic organization	(Y/N)									
f. Users' Group (Non-Fac.)	(Y/N)	Y		Y	Y	Y	Y		Y	5
g. Others	(Y/N)									
4. Public facilities										
For location, see attached : page 9 of 9										
a. School										
Primary School			1-5 (1)	1-3 (1)	1-3 (1)	1-5 (3)	1-3 (1)	1-5 (1)	1-5 (1)	7
Secondary School										
High School										
Class										
nos.										1
b. Health facilities										
Hospital										
H. post/center										
nos.										2
Pharmacy										
nos.										1
c. Post office										
(Y/N)	Y									1
d. Telephone										
nos.	15		2	3	3	15	2	2		42
e. No. of shops										
(Y/N)										
f. Police station										
(Y/N)										
g. Bank										
(Y/N)										
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										
Name	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize
Name	2 Maize	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None
Name	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None
c. Food (cereals, veg) insufficient in the village	1 Paddy	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize	1 Paddy, Maize
Name	2 Maize	2 Millet, Wheat	2 Millet, Wheat	2 None	2 Millet	2 Wheat	2 Millet	2 Wheat	2 Millet	2 Millet
Name	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None
d. Livestock raised	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow	1 Cow
Name	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo
Name	3 Bull	3 Bull	3 Bull	3 Bull, Sheep	3 Bull	3 Bull	3 Pig	3 Bull	3 Bull	3 Bull
Name	4 Goat	4 Goat	4 Goat	4 Goat	4 Goat	4 Goat	4 Buffalo	4 Goat	4 Goat	4 Goat
e. Horticultural crops sold to outside	1 Orange	1 Orange	1 Orange	1 Orange	1 Orange	1 Orange	1 Orange	1 Orange	1 Banana	1 Orange
Name	2 Grape	2 Grape	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None
Name	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None

VDC / WARD PROFILE

District : Parbat, VDC -3 - Shankar Pokhari

6. Forest		Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
a. Community forests											
(Y/N)											
b. Forest products sold											
Name	1	1	1	1	1	1	1	1	1	1	1
Timber, Fuel wood	2	None	None	None	None	None	None	None	None	None	2
	3	3	3	3	3	3	3	3	3	3	3
7. Cottage Industries											
a. No. of HH. Involved											
Rice mill	2	1	1	1	2	1	1	1	1	1	11
Other mill					1						1
Other food processing											0
Wood processing									15	3	18
Bamboo work								2	25		27
Poultry farming	2										2
Others											0
8. Natural Disaster in the part 10 years											
(Y/N)		Y	Y	Y	Y	Y	Y	Y	Y	Y	9

For the details of community forest, see "Profile of Community Forest" attached : page 6 of 9

See "Profile of Natural Disaster" attached : page 7 of 9

PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC-Shankar Pokhari

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		
Shankarpokhari	1,3,6	13	1 1994	255 households	3	U- 80 S-110	U- 50	Yes	Yes
Shankarpokhari	5	13	2 1996	124 households	3	WP	WP	Yes	Yes
Shankarpokhari	9	13	3 1996	101 households	3	WP	WP	Yes	Yes
Shankarpokhari	1-9	14	2 1986-update	886 households	2	WP	WP	No	No
Shankarpokhari	4	1	2 1986	129 households	1	WP	WP	No	Yes
Shankarpokhari	1-5 7,8	1	1 1984	725 households	1	WP	WP	Yes	Yes
Shankarpokhari	5,7,9	4	1 1991	305 households	1	WP	WP	Yes	Yes
Shankarpokhari	9	2	1	101 households	2	WP	WP	Yes(10%)	Yes
Shankarpokhari	6	1	1(incomplete)	60 households	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 Others

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; ADB)

PROFILE OF COMMUNITY FOREST

District: Parbat, VDC-Shankar Pokhari

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)
Shankarpokhari	1	1,2,5 7-9	1-9	71.5	888	1. Sal 2. Sallo 3. Chilaune 4. Mauwa 5. Tiju	1 3 2 4	Yes	1) Yes 2) Yes 3) No 4) Yes
Shankarpokhari	1	7	1,2,6-8	3	444	1. Sal 2. Chilaune 3. Sallo	1 2 3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Shankarpokhari	1	2	2	4	72	1. Sal 2. Katus 3. Chilaune	1,2	Yes	1) No 2) No 3) Yes 4) Yes
Shankarpokhari	3	1-7,9	1-9	87.5	500	1. Sal 2. Sallo 3. Tiju	1 2 3	No	1) No 2) No 3) No 4) No
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)

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 (Leaf litter)

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-Shankar Pokhari

Location		Type of Disaster	Year/month occurred (Christian era)	Casualty	Damages		Counter measure(s)	
VDC name	Ward No.				Private	Public	Proposed Measures	Implementation (Yes/No)
Shankarpokhari	1	4	1993-94 1990	Killed	House- 1		No	No
				Injured	Livestock	2		
					Farm land			
Shankarpokhari	5	2	1992-95	Killed	House		No	No
				Injured	Livestock			
					Farm land	0.25ha		
Shankarpokhari	8 7	4	1990-95	Killed	House 20		Yes	Yes
				Injured	Livestock	6		
					Farm land			
Shankarpokhari	6 3	2	1986 1994	Killed	House		No	No
				Injured	Livestock			
					Farm land	6 ha		
Shankarpokhari	9	1	1992	Killed	House		No	No
				Injured	Livestock	2		
					Farm land	2 Bridge		
Shankarpokhari	4	1	1991	Killed	House		No	No
				Injured	Livestock			
					Farm land	2 ha		
Shankarpokhari	4	4	1992	Killed	House - 2		No	No
				Injured	Livestock-4			
					Farm land			
Shankarpokhari	1	2	1993-94	Killed	House		No	No
				Injured	Livestock			
					Farm land	0.15ha		
Shankarpokhari	7	1 2	1990-95	Killed	House		No	No
				Injured	Livestock			
					Farm land	0.05ha		
Shankarpokhari	2 4	2	1991-94	Killed	House		No	No
				Injured	Livestock			
					Farm land	1.5 ha		

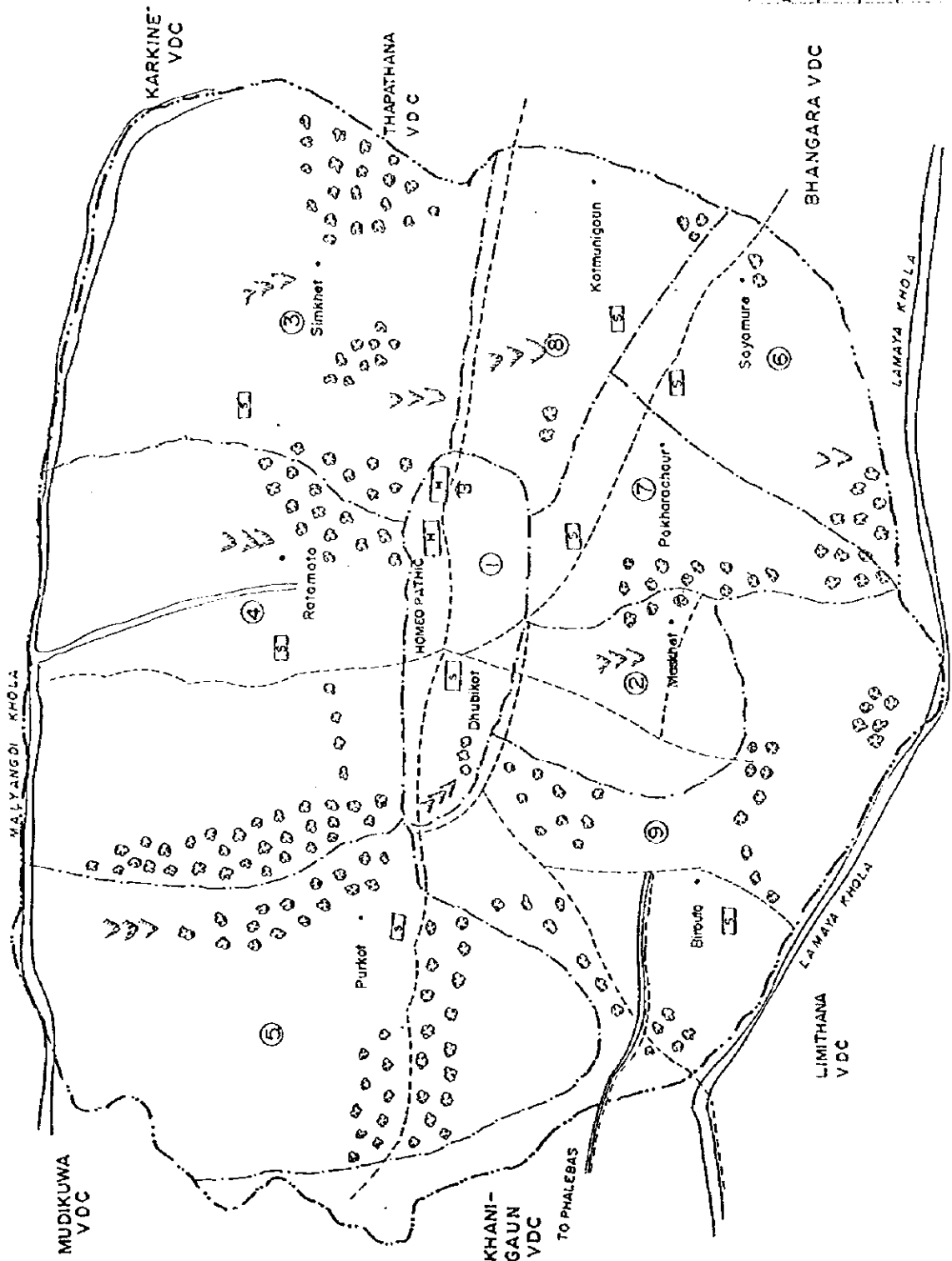
Code: Type of disasters
1 Flood
2 Land slide
3 Forest fire
4 Other (House fire)



LEGEND:

- VDC BOUNDARY
- - - WARD BOUNDARY
- VILLAGE
- ② WARD NO.
- ▲ MOUNTAIN RIDGE
- ~ RIVER
- ☙ FOREST
- △ LAND SLIDE
- ☄ OTHER NATURAL DISASTER ST.
- ☎ SCHOOL
- ⊠ HEALTH FACILITY
- ⊠ POST OFFICE
- ⊠ POLICE STATION
- ⊠ BANK
- ☪ SPRING
- CANAL
- BRIDGE
- SUSPENSION BRIDGE
- ROAD
- FOOT TRAIL
- ⊠ AGRICULTURAL SERVICE CENTER
- ⊠ COOPERATIVE
- ☁ FLOOD
- ☎ V HF TELEPHONE

THULIPOKHARI VDC
PIPALTARI VDC
KATUWA CHAUPARI VDC



JICA
DEVELOPMENT STUDY ON INTEGRATED WATERSHED
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DATE :
MULTI Disciplinary
Consultants (P) Ltd.
KATHMANDU, NEPAL
Fig No : 3/16

**VDC/WARD
DEVELOPMENT PROFILE**

OF

Karkineta VDC

VDC / WARD PROFILE

District : Parbat, VDC - 4 - Karkineta

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)	Refer List of interviewees/key informants of the model area									
Interviewee(s)	Refer List of interviewees/key informants of the model area									
1										
2										
3										
1. Area and Location										
1.1 Settlement(s) (Village)										
Name	Phulke	Dasrnat	Kalinat	Kamernata	Ghotechaur	Ramnata	Chudernat	Kamignat		
1 Uppaligau	Lamachaur	Khalerhar	Harva	Netabazar	Malre	Khorpani	Dhungebati			
2 Mukhyabari	Marsuthar	Masurabari	Guransu	Hatia	Parichaur	Jukepani	Amphidanda			
3 Masurabari										
4										
1.2 Distance to :										
hours (one way)	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus
Pokhara	6	1.5	3	2	2.5	4	1.5	4	2	8
Kusna	3.5	3.5	3	4	4	3	4	4	4	7
Waling	6	2	4	2	5	2	4	2	8	3
Syangja	6	0.5	4	0.5	5	0.5	4	0.5	8	0.5
1.3 Land use										
a. Agricultural Land	41.75	36.8	38.2	40.2	46.5	37.45	36.15	41.5	41.6	360
Kbet	35.5	32.5	33.75	34.5	36	32.4	31.75	34	35.6	306
Bari	6.25	4.25	4.45	5.6	10.5	5.05	4.4	7.5	6	54
b. Forest land										
Com. forest (Formal)					20	75		2.25		97.25
Com. forest (IF)	50									50
Private forest										
Other forest	0.2					0.1		0.03		0.4
c. Grazing land	0.3	0.2	0.5	0.25	0.2	0.15	0.15	0.2	0.15	2
d. Settlement	1.25	0.9	0.95	1.1	1.95	1.15	1	1.35	1.9	11.55
e. Others	93.5									
2. Demography										
2.1 Household										
a. Total H. nos.	43	29	32	42	75	47	40	55	75	456
b. Woman headed H. nos.	5	8	7	2	26	20	18	15	10	111
2.2 Ethnic groups										
a. Brahmin	43	28	29	42	47	24	14	42	0	269
b. Chhatri	0	0	3	0	7	1	2	2	0	15
c. Damai	0	0	0	0	3	8	8	0	0	19
d. Gurung	0	0	0	0	0	0	0	0	0	0
e. Jogi	0	0	0	0	0	0	0	0	0	0
f. Kami	0	0	0	0	0	0	0	0	0	0
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	0	0	0	0	0	0	0	0	0	0
j. Sarko	0	1	0	0	17	0	1	5	0	23
k. Other 1 (Sharti)	0	0	0	0	0	0	0	0	0	0
l. Other 2	0	0	0	0	0	14	0	0	0	18
m. Other 3	0	0	0	0	0	0	0	0	0	0

VDC / WARD PROFILE

District : Parbat, VDC -4 - Karkineta

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	113	110	76	151	170	135	155	225	250	1385
b. Female persons	145	90	84	149	193	115	145	187	150	1258
c. Total persons	258	200	160	300	363	250	300	412	400	2643
2.4 Age distribution										
5 yrs persons	25	40	24	60	28	58	85	65	80	465
6 and 15 yrs persons	60	35	30	80	45	38	82	105	110	585
16 and 24 yrs persons	56	40	45	38	83	15	55	25	60	417
25 and 44 yrs persons	31	25	32	37	125	90	38	140	100	618
45 and 59 yrs persons	51	35	21	25	73	29	24	50	35	343
60 yrs persons	35	25	8	60	9	20	16	27	15	215
2.5 Education level										
a. University Male persons	5	0	0	3	0	0	1	0	0	9
Female persons	0	0	0	0	0	0	0	0	0	0
b. College Male persons	3	7	2	3	4	3	16	0	0	38
Female persons	1	1	3	1	0	0	0	0	0	6
c. S.L.C. pass Male persons	12	5	12	8	15	13	32	12	0	109
Female persons	5	0	8	3	4	3	6	5	0	34
2.6 Occupation										
a. Carpenter persons	0	0	0	0	1	4	10	3	30	48
b. Black Smith persons	0	0	0	0	0	0	8	1	4	13
c. Tailor persons	0	0	0	0	3	7	1	0	0	11
d. Bamboo Work persons	0	0	0	0	0	0	0	0	3	3
e. Other handicraft persons	0	0	0	0	0	0	0	0	0	0
f. Mason (Brick Layer) persons	0	0	0	2	6	5	15	7	0	35
g. Teachers persons	6	5	2	2	6	3	6	2	0	32
h. Porters persons	0	0	1	4	0	20	30	10	15	80
i. Work in foreign persons	10	13	7	14	23	21	26	60	34	208
j. Driver persons	0	0	0	0	2	0	0	0	0	2
k. Civil servant persons	6	1	0	2	2	2	4	2	0	19
2.7 Out migration										
Total of the last 5 yrs household	1	1						2		4
2.8 Major destinations										
1 Chitwan					1				1	1
2 Bardiya					2				2	2
3 Nawalparasi					3				3	3
2.9 In migration household										
Total of the last 5 yrs household										
1 Chitwan					1				1	1
2 Bardiya					2				2	2
3 Nawalparasi					3				3	3
2.10 Major origins										
1 Chitwan					1				1	1
2 Bardiya					2				2	2
3 Nawalparasi					3				3	3

VDC / WARD PROFILE

District : Parbat, VDC -4 - Karkineta

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										
c. Youth club										
d. 4-H club										
e. Ethnic organization										
f. Users Group (Non-For.)	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
g. Others										
4. Public facilities										
a. School										
Primary School		1 (1-3)		1 (1-3)	1 (1-3)	1 (1-3)		1 (1-5)	1 (1-5)	5
Secondary School										
High School				1 (1-10)						1
campus										
b. Health facilities										
Hospital										
H. post/center				1						1
Pharmacy				1		Y				2
c. Post office										
d. Telephone										
e. No. of shops				12	12		4	2		30
f. Police station					Y					1
g. Bank										
h. Drinking water	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
i. Elec. supply										
5. Agriculture/Livestock										
a. Major cropping pattern										
b. Crops sold to outside	1 Name	1 None	1 Paddy	1 Millet	1 None	1 None	1 None	1 None	1 None	1
	2 Name	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2
	3 Name	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3
c. Food (cereals, veg)	1 Name	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1 Paddy	1
	2 Name	2 Maize	2 Maize	2 Wheat	2 Maize	2 Wheat	2 Maize	2 Wheat	2 Maize	2
	3 Name	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3 None	3
d. Livestock raised	1 Name	1 Buffalo	1 Buffalo	1 Buffalo	1 Buffalo	1 Buffalo	1 Buffalo	1 Buffalo	1 Buffalo	1
	2 Name	2 Bull	2 Goat	2 Goat	2 Goat	2 Goat	2 Goat	2 Goat	2 Buffalo	2
	3 Name	3 None	3 Cow/Bull	3 Bull	3 Bull	3 Bull	3 Bull	3 Chicken	3 Goat	3
	4 Name	4 None	4 None	4 None	4 None	4 None	4 None	4 None	4 None	4
e. Horticultural crops	1 Name	1 Orange	1 Orange	1 None	1 None	1 None	1 Orange	1 None	1 None	1
	2 Name	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2
	3 Name	3 None	3 None	3 None	3 None	3 None	3 Banana	3 None	3 None	3

For location, see attached : page 9 of 9

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

VDC / WARD PROFILE

District : Parbat, VDC -4 - Karkineta

Unit	Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9	Total
6. Forest										
a. Community forests	(Y/N)									
b. Forest products sold										
Timber, Fuel wood										
	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
7. Cottage Industries										
a. No. of H.H. Involved										
Rice mill		1		1			1			3
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		4

For the details of community forest, see 'Profile of Community Forest' attached : page 6 of 9

See 'Profile of Natural Disaster' attached : page 7 of 9

PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Karkineta

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		
Karkineta	1-9	1	2 NA	Provide drinking water facilities 436 household	1	S 110 U 80	U 70	Yes	Yes
Karkineta	1-9	4	2 NA	Forestation 436 household	1	WP	WP	Yes	No
Karkineta	2-9	6	2 1982	Road construction 436 household	1	WP	WP	Yes	Yes
Karkineta	5	12	2 NA	Healthpost construction 436 household	1	WP	WP	Yes	Yes

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 Cattle 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: Parbat, VDC: Karkineta

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)
Karkineta	1	5,6	3,4,5	45	149	1. Sallo 2. Siltimur 3. Paiyu 4. Uttis 5. Chilaune	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Karkineta	2	1	1,2	50	72	1. Sallo 2. Siltimur 3. Paiyu 4. Uttis 5. Chilaune	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Karkineta	1	6	6,7,9	50	162	1. Sallo 2. Rahachan 3. Chilaune 4. Katus	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
Karkineta	1	8	8	2.25	53	1. Sallo 2. Paiyu 3. Uttis 4. Chilaune	1,2,3	Yes	1) Yes 2) Yes 3) Yes 4) Yes
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)

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: Karkineta

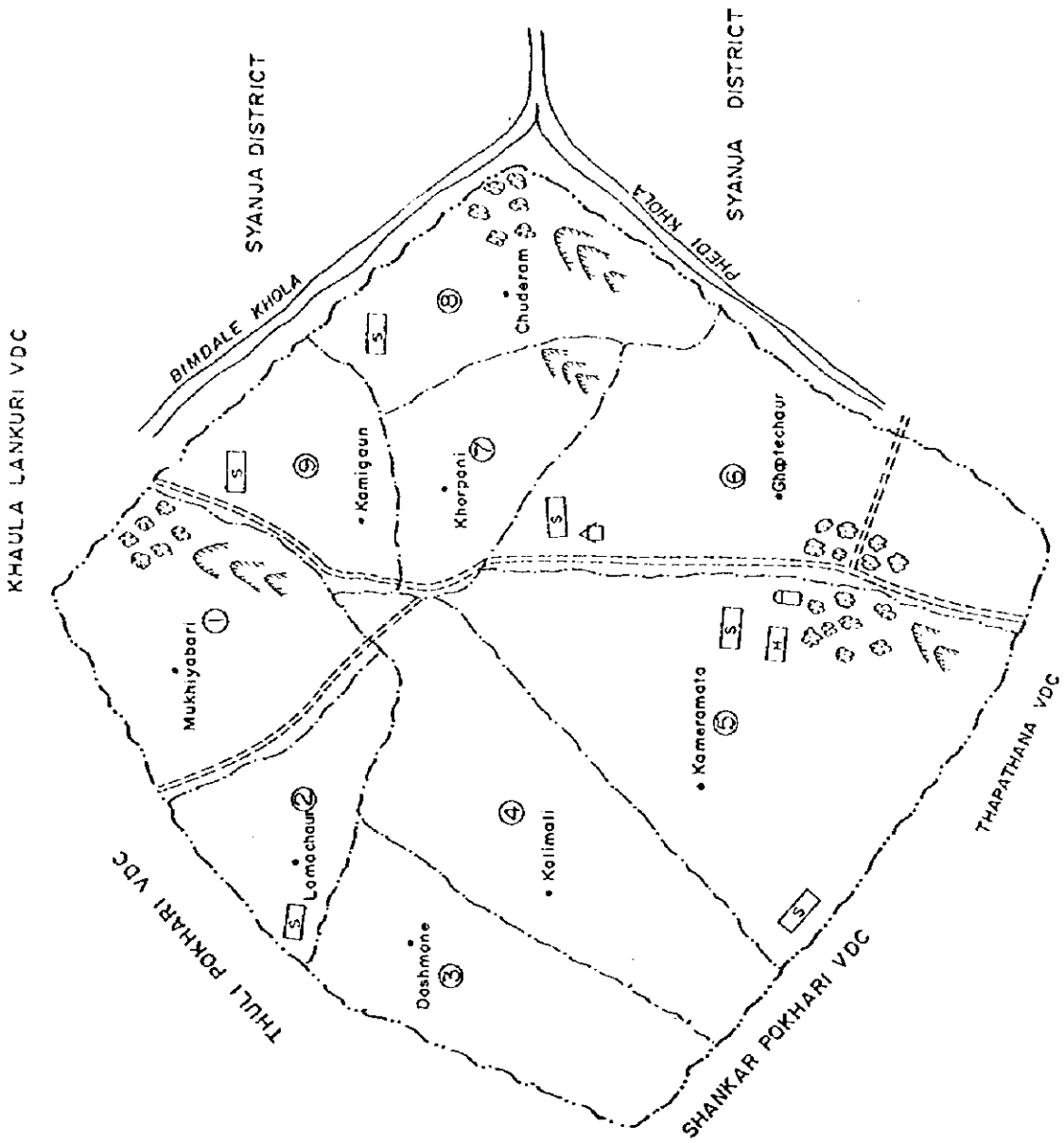
Location		Type of Disaster	Year/month occurred (Christian era)	Casualty	Damages		Counter measure(s)	
VDC name	Ward No.				Private	Public	Proposed Measures	Implementation (Yes/No)
Karkineta	5	2	1987 Jul.	Killed	House		Rescue operation by people	No
				Injured	Livestock			
Karkineta	7	2	1995 Jul.	Killed	House		Rescue operation by people	No
				Injured	Livestock			
Karkineta	8	2	1995 Aug.	Killed	Farm land 4 ha	1 ha	No	
				Injured				
Karkineta	7	2	1995 Jul.	Killed	House		Rescue operation by people	No
				Injured	Livestock			
Karkineta	8	2	1995 Aug.	Killed	Farm land 0.25 ha	0.25 ha	No	
				Injured				
Karkineta	1	2	1995 Aug.	Killed	House		Rescue operation by people	No
				Injured	Livestock			
				Killed	Farm land 0.25 ha	0.25 ha	No	
				Injured				
				Killed	House			
				Injured	Livestock			
				Killed	Farm land 3 ha	0.75 ha	No	
				Injured				
				Killed	House			
				Injured	Livestock			
				Killed	Farm land			
				Injured				
				Killed	House			
				Injured	Livestock			
				Killed	Farm land			
				Injured				
				Killed	House			
				Injured	Livestock			
				Killed	Farm land			
				Injured				

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



LEGEND:

- VDC BOUNDARY
- - - WARD BOUNDARY
- VILLAGE
- ② WARD NO.
- ▲ MOUNTAIN RIDGE
- ~ RIVER
- ☼ FOREST
- ∩ LAND SLIDE
- ☹ OTHER NATURAL DISASTER SITE
- ☎ SCHOOL
- ☏ HEALTH FACILITY
- ☏ POST OFFICE
- ☏ POLICE STATION
- ☏ BANK
- ☏ SPRING
- ☏ CANAL
- ☏ BRIDGE SUSPENSION BRIDGE
- ☏ ROAD, FOOT TRAIL
- ☏ AGRICULTURAL SERVICE CENTER
- ☏ COOPERATIVE
- ☏ FLOOD
- ☏ VHF TELEPHONE



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

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

DEVELOPMENT PROFILE MAP OF
KARKINETA VDC

MULTI Disciplinary DATE :
 Consultants (P) Ltd. Fig No : 4/16
 KATHMANDU, NEPAL

**VDC/WARD
DEVELOPMENT PROFILE
OF
Khaula Lankuri VDC**

VDC / WARD PROFILE

District : Parbat, VDC -5 - Khaula Lankuri

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	Refer List of interviewees/key informants of the model area																			
Date of Survey (M/D/Y)																				
Interviewee(s)																				
1																				
2																				
3																				
Sec. Page 9 of 9																				
1. Area and Location																				
1.1 Settlement(s) (Village)	Parbat	Chanaute	Parbat	Lakurchour	Sapkota thar	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani	Barbani
2 Chapaibar	Hile	Hile	Babbar	Thuladhunga	Swarabari	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun	Gaun
3 Bhajchopra	Thuladhunga	Thuladhunga	Sisnepani	Khaula	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok	Gauratok
4 Jaisibar	Thunika	Thunika	Subartol	Thunika	Chalisedanda	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola	Khoola
1.2 Distance to :	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus
Pokhara (one way)	2	2	3	3	2	3	5	3	2	3	5	4	2	6	2	6	2	6	2	6
Kusma	3	2	2	2	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	3
Waling	5	4	5	4	4	5	4	5	4	5	4	5	4	5	4	5	4	5	4	5
Syangia	5	1	6	1	3	1	6	1	6	1	6	1	6	1	6	1	6	1	6	1
1.3 Land use																				
a. Agricultural Land																				
Khet	6.5	2.5	3.5	2	4.25	1.5	1.5	0	0	0	0	0	0	0	0	0	0	0	0	0
Bari	5	1.25	2.5	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
	1.5	1.25	1	2	1.25	1.5	1.5	2	0.5	1.25	2	0.5	1.75	2	0.5	1.25	2	0.5	1.25	2
b. Forest land																				
Com. forest (Formal)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Com. forest (IF)	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Private forest	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Other forest (Nursery)	0	0	1.5	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. Grazing land																				
Sentiment	3.2	2.75	2.25	2	2	2	1.75	2	2	1.75	2	2	2	2	2	2	2	2	2	2
d. Others	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2. Demography																				
2.1 Household																				
a. Total H. nos.	64	60	59	38	47	42	42	42	48	48	52	52	48	52	48	52	48	52	48	52
b. Woman headed H nos.	10	18	13	3	9	7	7	7	14	14	6	6	14	6	14	6	14	6	14	6
2.2 Ethnic groups																				
a. Brahman	51	40	25	22	45	17	25	25	3	25	3	25	3	25	3	25	3	25	3	25
b. Chhetri	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
c. Damai	0	0	0	13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
d. Gurung	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
e. Jogi	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
f. Kami	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
g. Kunwar	13	7	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
h. Magar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
i. Newar	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
j. Sarki	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
k. Other 1	0	0	0	11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
l. Other 2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
m. Other 3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

VDC / WARD PROFILE

District : Parbat, VDC -5 - Khaula Lankuri

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	209	172	165	133	113	108	121	225	178	1424
b. Female persons	171	198	148	108	122	108	131	110	180	1276
c. Total persons	380	370	313	241	235	216	252	335	358	2700
2.4 Age distribution										
5 yrs persons	45	44	38	28	27	25	29	39	42	317
6 and 15 yrs persons	67	65	55	42	41	38	44	60	63	475
16 and 24 yrs persons	89	87	73	57	55	51	60	80	85	637
25 and 44 yrs persons	112	109	92	72	72	65	75	98	106	801
45 and 59 yrs persons	45	44	37	28	27	25	29	39	42	316
60 yrs persons	22	21	18	14	13	12	15	19	20	154
2.5 Education level										
a. University Male persons	0	4	0	0	0	0	0	0	0	4
Female persons	0	0	0	0	0	0	0	0	0	0
b. College Male persons	3	7	3	2	2	0	0	2	3	22
Female persons	0	0	0	0	0	0	0	0	0	0
c. S.L.C. pass Male persons	15	15	6	7	9	9	11	6	5	83
Female persons	0	3	3	2	3	2	2	2	3	20
2.6 Occupation										
a. Carpenter persons	0	5	1	0	0	1	1	0	0	8
b. Black Smith persons	0	0	0	0	0	1	7	0	0	8
c. Tailor persons	0	0	0	5	0	6	4	0	0	15
d. Bamboo Work persons	0	0	2	1	0	0	0	0	0	3
e. Other handicraft persons	0	0	0	0	0	0	0	0	0	0
f. Mason (Brick Layer) persons	3	3	6	0	0	0	0	0	0	12
g. Teachers persons	4	5	3	2	3	2	4	3	3	29
h. Porters persons	7	5	9	12	0	12	8	4	3	60
i. Work in foreign persons	8	6	10	12	15	12	18	15	10	106
j. Driver persons	0	0	0	0	0	0	0	1	0	1
k. Civil servant persons	1	7	2	1	1	1	7	10	7	57
2.7 Out migration										
Total of the last 5 yrs household	3				4	1				8
2.8 Major destinations										
1 Chitwan	1		1		1	1	1	1	1	1
2 Dumbibas	2		2		2	2	2	2	2	2
3 Chitwan	3		3		3	3	3	3	3	3
2.9 In migration										
Total of the last 5 yrs household										
2.10 Major origins										
1 Chitwan	1		1		1	1	1	1	1	1
2 Dumbibas	2		2		2	2	2	2	2	2
3 Chitwan	3		3		3	3	3	3	3	3

VDC / WARD PROFILE

District : Parbat, VDC -5 - Khaula Lankuri

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	Y	Y			Y	Y	6
b. Farmers' group (Y/N)			Y							1
c. Youth club (Y/N)										
d. 4-H club (Y/N)										
e. Ethnic organization (Y/N)		Y	Y	Y	Y	Y	Y	Y	Y	9
f. Users' Group (Non-For.) (Y/N)	Y									
g. Others (Y/N)										
4. Public facilities										
a. School										
Primary School	1 (1-3)	1 (1-3)	1 (1-5)					1 (1-4)	1 (1-5)	5
Secondary School					1 (1-3)	1 (1-6)				1
High School										
Campus nos.										
b. Health facilities										
Hospital nos.										
H. post/center nos.										
Pharmacy nos.										
c. Post office (Y/N)										
d. Telephone nos.		2	1	2	1	5	1	2	1	15
e. No. of shops (Y/N)										
f. Police station (Y/N)										
g. Bank (Y/N)	Y	Y	Y	Y	Y	Y	Y	Y	Y	7
h. Drinking water (Y/N)										
i. Elec. supply (Y/N)										
5. Agriculture/Livestock										
a. Major cropping pattern										
b. Crops sold to outside										
Name	2 Mustard	1 Black gram	1 Black gram	1	1 Soyabean	1 Amlahar	1 Soyabean	1 Soyabean	1 Soyabean	1
Name	2 Black gram	2 Soyabean	1 Soyabean	2 None	2 Mustard	2 Mustard	2 Mustard	2 Mustard	2 Mustard	2
Name	3	3 Mustard	3 Mustard	3	3 Black gram	3 Black gram	3 Black gram	3 Black gram	3 Black gram	3
Name	1 Maize	1	1 Soyabean	1 Soyabean	2	2 None	2 None	2 None	2 None	2
Name	2	2 None	2 Maize	2	3	3	3	3	3	3
Name	3	3	3	3	3	3	3	3	3	3
Name	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1
Name	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2
Name	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3
Name	4	4	4	4	4	4	4	4	4	4
Name	1	1	1	1	1	1	1	1	1	1
Name	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2
Name	3	3	3	3	3	3	3	3	3	3
c. Livestock raised										
d. Livestock raised										
e. Livestock sold to outside										

For location, see attached page 9 of 9

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

PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Khaula Lankuri

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	Female		
Khaula Lankuri	4	1	1 1990	Provide drinking water facility 190 household	1	S 100 U 30	U 30	Yes	Yes
	6								
	7								
	8								
Khaula Lankuri	2	13	3 NA	Provide education facility 308 household	1	WP	WP	Yes	Yes
	3								
	5								
	8								
	9								
Khaula Lankuri	3	4	1 NA	Provide fuel and fodder 309 household	1	WP	WP	Yes	No
	6								
	7								
	8								
	2,4								

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: Parbat, VDC: Khaula Lankuri

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)
Khaula Lankuri	3	8 4	1-9	10	482	1. Chilaune 2. Katus 3. Mauwa	1 2 3	Yes	1) No 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)
						1 2 3			1) 2) 3) 4)

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)

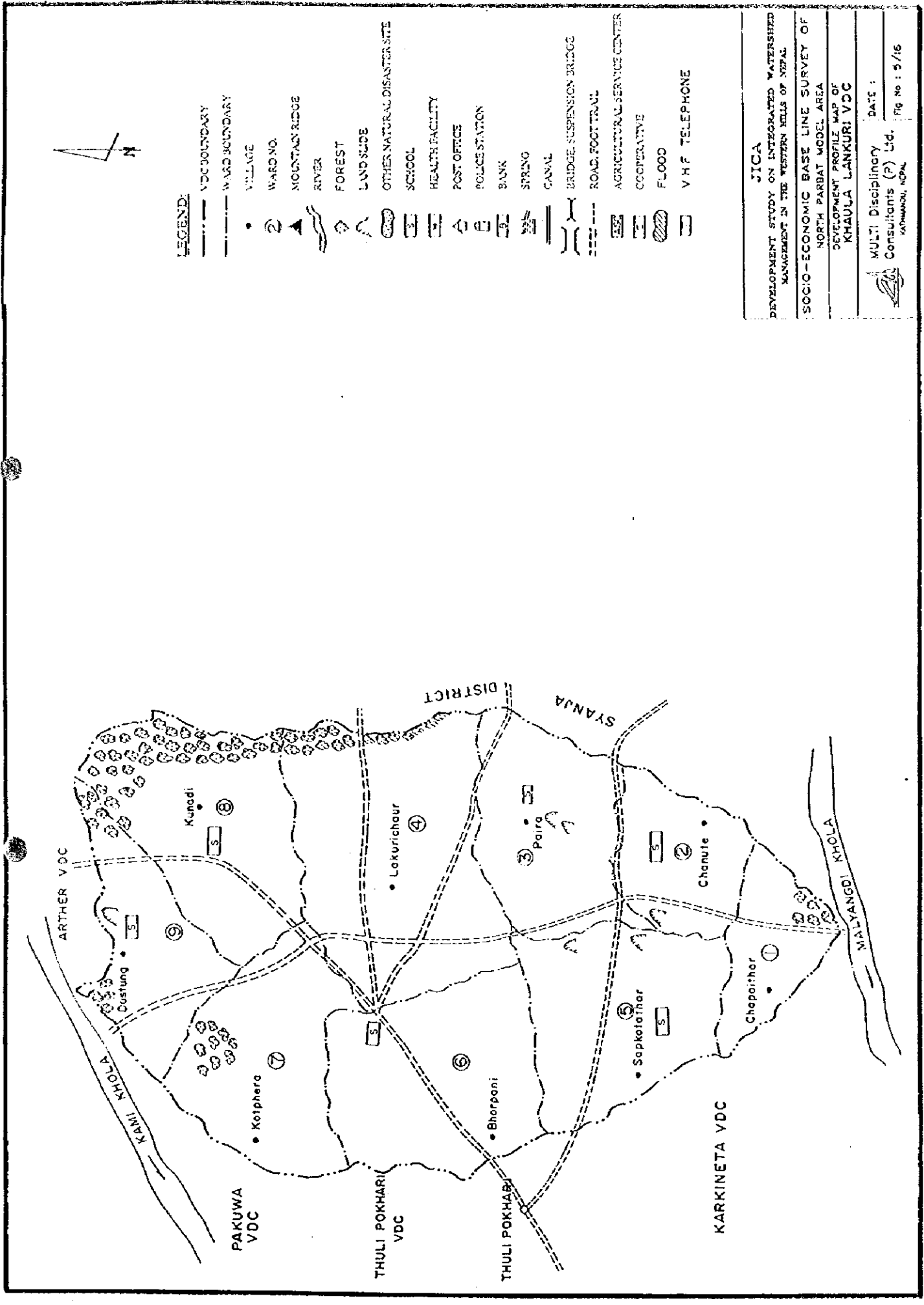
NATURAL DISASTERS IN THE PAST

District: Parbat, VDC: Khaula Lankuri

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		
Khaula Lankuri	2	2	1985-update	Killed	House	1	NA	-
				Injured	Livestock	2		
						Farm land	3)0.12 ha	
Khaula Lankuri	5	2	1985-update	Killed	House	1	NA	-
				Injured	Livestock	2		
						Farm land	3)0.25ha	
Khaula Lankuri	3	2	1985-update	Killed	House	1	NA	-
				Injured	Livestock	2		
						Farm land	3)0.3 ha	
Khaula Lankuri	9	2	1985-update	Killed	House	1	NA	-
				Injured	Livestock	2		
						Farm land	0.3 ha	
				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		
				Killed	House	1		
				Injured	Livestock	2		
					Farm land	3		

NA = Not Available.

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



LEGEND

- VDC BOUNDARY
- WARD BOUNDARY
- VILLAGE
- WARD NO.
- MOUNTAIN RIDGE
- RIVER
- FOREST
- LND SLIDE
- OTHER NATURAL DISASTER SITE
- SCHOOL
- HEALTH FACILITY
- POST OFFICE
- POLICE STATION
- BANK
- STRING
- CANAL
- BRIDGE, SUSPENSION BRIDGE
- ROAD, FOOT TRAIL
- AGRICULTURAL SERVICE CENTER
- COOPERATIVE
- FLOOD
- V H F TELEPHONE

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

**SOCIO-ECONOMIC BASE LINE SURVEY OF
 NORTH PARBAT MODEL AREA**
 DEVELOPMENT PROFILE MAP OF
KHAULA LANKURI VDC

MULTI Disciplinary Consultants (P) Ltd.
 KATHMANDU, NEPAL

DATE :
 Fig No : 5/16

**VDC/WARD
DEVELOPMENT PROFILE**

OF

Thuli Pokhari VDC

VDC / WARD PROFILE

District : Parbat, VDC -6 - Thuli Pokhari

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																				
2																				
3																				
Sec. Page 9 of 9																				
1. Area and Location																				
1.1 Settlement(s) (Village)																				
1	Burni	Archale	Ramadanda	Thuli Pokhari	Ajrikot	Badachaur	Barjala	Robate	Tip											
2	Banujochour	Burni	Studen	Studen	Jhakrikiola	Puwapachar	Pokhari	Ranche	Khoriapani											
3	Lampata	Gara	Chorkate	Khoraka ban	Pala	Pachunge	Pavodhunga	Banase												
4	Tinghure	Malyangdi	Lamachaur	Tununga		Tundhunge	Gaganpani	Khore												
1.2 Distance to :	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus	Foot	Bus		
Pokhara (one way)	2	3	2	3	3	3	2	3	2	3	2	3	2	3	2	3	2	3	3	
Kusma	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
Waling	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6	2	6
Syangia	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5	2	5
1.3 Land use																				
a. Agricultural Land	40	225	250	30	265	325	250	42	85	1512										
Khet	15	150	150	25	250	175	175	30	35	1005										
Bari	25	75	100	5	15	150	75	12	50	507										
b. Forest land																				
Com. forest (Formal)	12	0	6	0	0	10	5	0	15	48										
Com. forest (IF)	3	0	0	0	0	0	0	0	0	3										
Private forest	0	2	0	1.5	1	2	5	0.6	5	17.2										
Other forest (Natural)	0	5	0	0	0	0	0	0	0	5										
c. Grazing land																				
d. Settlement	3.15	3.75	5.75	4	2.1	4	3.25	2.4	3	31.4										
e. Others	0	0	0	0	0	0	0	0	0	0										
2. Demography																				
2.1 Household																				
a. Total H. nos.	68	75	105	79	42	80	65	45	55	612										
b. Woman headed H. nos.	20	35	30	20	8	30	32	10	18	203										
2.2 Ethnic groups																				
a. Brahman	60	66	76	43	31	46	39	45	47	455										
b. Chhetri	6	1	0	4	3	0	7	0	0	25										
c. Damai	0	0	19	0	0	19	0	0	0	38										
d. Gurung	0	0	0	1	0	0	0	0	0	1										
e. Jopi	0	0	0	0	0	0	0	0	0	0										
f. Kami	0	0	3	26	0	0	0	0	0	31										
g. Kunwar	0	8	3	0	8	7	22	0	0	50										
h. Magar	0	0	0	0	0	0	0	0	0	0										
i. Newar	0	0	0	0	0	0	0	0	0	0										
j. Sarki	0	0	0	0	0	0	0	0	0	0										
k. Other 1	0	0	0	0	0	0	0	0	0	0										
l. Other 2	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 : Parbat, VDC -6 - Thuli Pokhari

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	225	200	550	275	119	200	190	200	275	2234
b. Female persons	175	250	270	350	175	200	160	232	325	2137
c. Total persons	400	450	820	625	294	400	350	432	600	4371
2.4 Age distribution										
5 yrs persons	60	67	123	94	33	60	52	65	90	644
6 and 15 yrs persons	80	90	164	125	44	80	70	86	120	859
16 and 24 yrs persons	88	99	180	138	48	88	77	96	132	946
25 and 44 yrs persons	100	113	206	156	130	100	88	108	150	1151
45 and 59 yrs persons	40	45	82	62	22	40	35	43	60	429
60 yrs persons	32	36	65	50	17	32	28	34	48	342
2.5 Education level										
a. University Male persons	3	2	5	2	5	4	2	2	2	25
Female persons	0	0	0	0	0	0	0	0	0	0
b. College Male persons	40	10	28	10	15	10	13	10	5	141
Female persons	10	2	6	1	4	2	2	2	2	29
c. S.I.C. pass Male persons	25	28	17	8	30	120	10	15	22	275
Female persons	10	24	9	2	10	40	5	12	15	127
2.6 Occupation										
a. Carpenter persons	10		3	10		4			1	28
b. Black Smith persons			2	10						12
c. Tailor persons	2		19			4				25
d. Bamboo Work persons				1			3			4
e. Other handicraft persons										
f. Mason (Brick Layer) persons	20		10	10	6	4	3		7	60
g. Teachers persons	18	12	16	10	2	7	5	9	3	82
h. Porters persons	10		10		16	40	40	15	40	171
i. Work in foreign persons	25	50	31	26	10	50	30	15	40	277
j. Driver persons	2				2	2			4	10
k. Civil servant persons	4	5	11	19	9	5	18		8	77
2.7 Out migration										
Total of the last 5 yrs household	4	1				10				15
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	3	3	3	3	3	3	3	3	3	3
2.9 In migration										
Total of the last 5 yrs household				1		24				25
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 -6 - Thuli Pokhari

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						4
b. Farmers' group	Y									1
c. Youth club										
d. 4-H club										
e. Ethnic organization	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
f. Users' Group (Non-Far.)										
g. Others										
4. Public facilities										
a. School										
Primary School	1 (1-5)	1 (1-3)			1 (1-5)	1 (1-5)	1 (1-5)			5
Class										
Class										
Class										
nos.										
High School										
Class										
nos.										
Health facilities										
Hospital										
H. post/center										
Pharmacy										
c. Post office										
d. Telephone										
e. No. of shops										
f. Police station										
g. Bank										
h. Drinking water	Y	Y	Y	Y	Y	Y	Y	Y	Y	9
i. Elec. supply										
5. Agriculture/Livestock										
a. Major cropping pattern										
b. Crops sold to outside										
Name	1 Mustard	1 Mustard	1 Mustard	1 Mustard	1 Mustard	1 Mustard	1 Mustard	1 Mustard	1 Mustard	1
Name	2 Black gram	2 Black gram	2 Black gram	2 Black gram	2 Black gram	2 Black gram	2 Black gram	2 Black gram	2 Black gram	2
Name	3 Soyabean	3 Soyabean	3 Arahar	3 Arahar	3 Soyabean	3 Arahar	3 Arahar	3 Arahar	3 Arahar	3
Name	1	1	1	1	1	1	1	1	1	1
Name	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2
Name	3	3	3	3	3	3	3	3	3	3
Name	4	4	4	4	4	4	4	4	4	4
Name	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1 Cattle	1
Name	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2 Buffalo	2
Name	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3 Goat	3
Name	1	1	1	1	1	1	1	1	1	1
Name	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2 None	2
Name	3	3	3	3	3	3	3	3	3	3
c. Food (cereals, veg) insufficient in the village										
d. Livestock raised										
e. Horticultural crops sold to outside										

For location, see attached - page 9 of 9

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

VDC / WARD PROFILE

District : Parbat, VDC -6 - Thuli Pokhari

6. Forest	Unit	Ward-1 to Ward-9									Total	
		Ward-1	Ward-2	Ward-3	Ward-4	Ward-5	Ward-6	Ward-7	Ward-8	Ward-9		
a. Community forests	(Y/N)											
For the details of community forest, see "Profile of Community Forest" attached : page 6 of 9												
b. Forest products sold	Name	1	1	1	1	1	1	1	1	1	1	1
Timber, Fuel wood	Name	2	None	2	None	2	None	2	None	2	None	2
	Name	3	3	3	3	3	3	3	3	3	3	3
7. Cottage Industries												
a. No. of H.H. Involved												
	Rice mill				1					1		1
	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
											5	

PROFILE OF DEVELOPMENT PROJECTS

District: Parbat, VDC: Thuli Pokhari

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		
Thulipokhari	1-9	1	1 1988/89	Provide drinking water facility 622 household	1	S 150	U 75	Yes	Yes
Thulipokhari	1,2,5,6,8	13	1 1964	Education facility 310 household	1	WP	WP	Yes	Yes
Thulipokhari	1-9	12	2 1993	Health facilities 622 household	1	WP	WP	Yes	NA
Thulipokhari	1,2,3,4,6	4	1 1988 - 1994	Plantation against erosion 417 household	1	WP	WP	Yes	NA
Thulipokhari	1,2,3,4,6	17	2 1993	Com. dev. / watershed protection 417 household	2	WP	WP	No	NA

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 (Comm. Dev/Watershed Protection)

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 (JICA)
- 3 Others (Specify)

PROFILE OF COMMUNITY FOREST

District: Parbat, VDC: Thuli Pokhari

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)
Thulipokhari	1	1,3,4,6,7	1-9	48	487	1. Chilaune 2. Chille 3. Uttis 4. Katus 5. Mallato	1 2 3	Yes	1)Yes
Thulipokhari	3	1	1	3	115	1. Chilaune 2. Shiris 3. Uttis 4. Katus 5. Tiju	1 2 3	Yes	1)No
						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 (to punish the rule breakers)

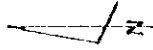
NATURAL DISASTERS IN THE PAST

District: Parbat, VDC: Thuli Pokhari

Location		Type of Disaster	Year/month occurred (Christian era)	Casualty	Damages		Counter measure(s)	
VDC name	Ward No.				Private	Public	Proposed Measures	Implementation (Yes/No)
Thulipokhari	1	2	1988	Killed	House	1	Plantation by * DFO and people	No
				Injured	Livestock	2		
			1994		Farm land 2.05 ha	3		
Thulipokhari	2	2	1990	Killed	House	1	Plantation by * DFO and people	No
				Injured	Livestock	2		
			1994		Farm land 0.23 ha	3		
Thulipokhari	3	2	1988	Killed	House	1	Plantation by people	No
				Injured	Livestock	2		
			1993		Farm land 6.65 ha	3	No	
Thulipokhari	4	2	1992	Killed	House	1	Plantation by people	No
				Injured	Livestock	2		
			1995		Farm land 1.75	3	No	
Thulipokhari	6	2	1992	Killed	House	1	Plantation by people	No
				Injured	Livestock	2		
			1994		Farm land 5.1 ha	3	No	
				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		

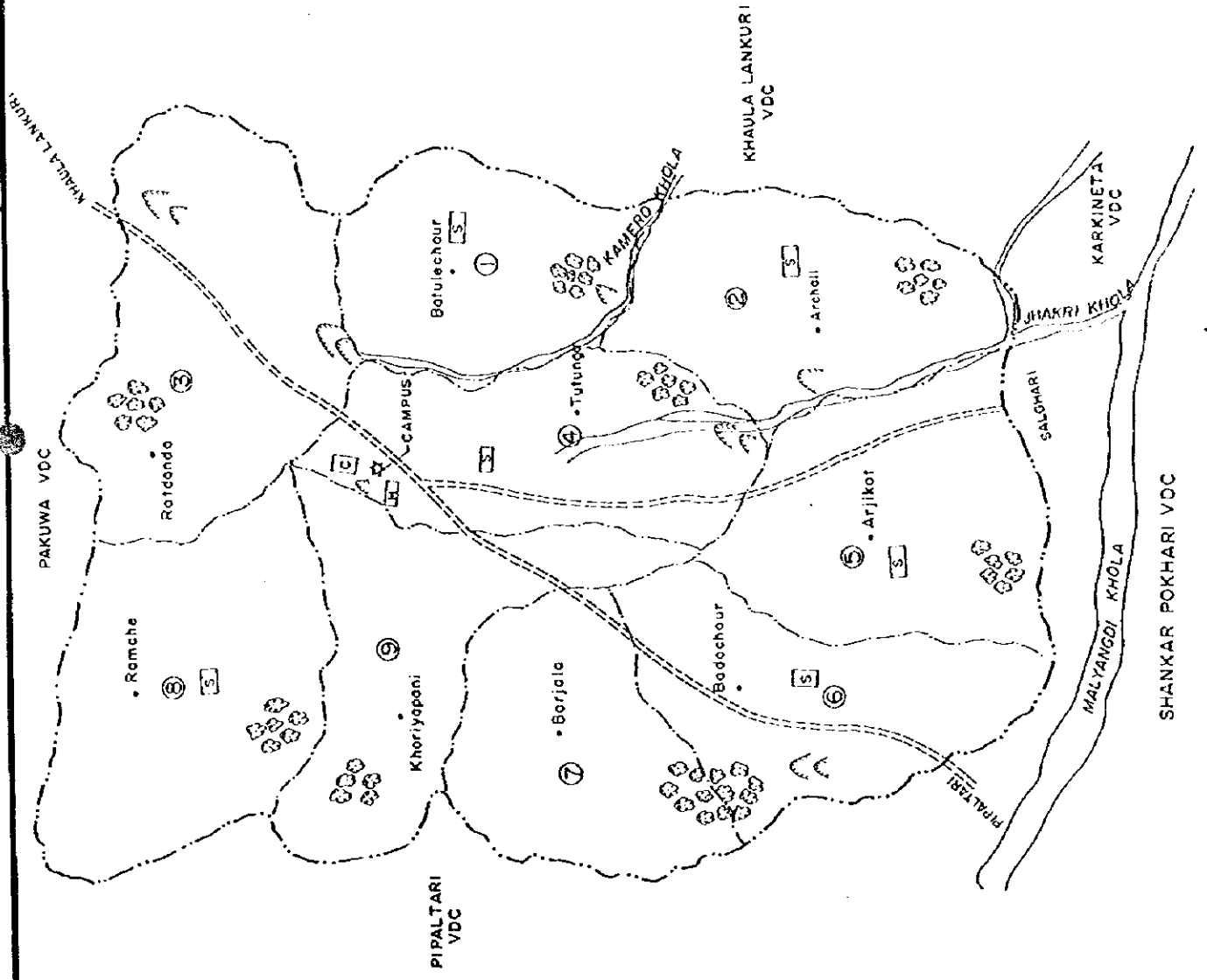
Code: Type of disasters:
 1 Flood
 2 Land slide
 3 Forest fire
 4 Other (specify)

*DFO-District Forest Office



LEGEND:

- VDC BOUNDARY
- - - WARD BOUNDARY
- VILLAGE
- ② WARD NO.
- ▲ MOUNTAIN RIDGE
- ~ RIVER
- ⊕ FOREST
- △ LAND SLIDE
- OTHER NATURAL DISASTER SITE
- SCHOOL
- ⊞ HEALTH FACILITY
- ⊞ POST OFFICE
- ⊞ POLICE STATION
- ⊞ BANK
- ⊞ SPRING
- ⊞ CANAL
- ⊞ BRIDGE SUSPENSION BRIDGE
- ⊞ ROAD, FOOT TRAIL
- ⊞ AGRICULTURAL SERVICE CENTER
- ⊞ COOPERATIVE
- ⊞ FLOOD
- ⊞ V.H.F TELEPHONE



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

SOCIO-ECONOMIC BASE LINE SURVEY OF
 NORTH PARBAT MODEL AREA
 DEVELOPMENT PROFILE MAP OF
 THULI POKHARI VDC

MULTI Disciplinary DATE :
 Consultants (P) Ltd. Fig No : 5/15
 KATHMANDU, NEPAL