Appendix C Materials used for data collection

a. Household Questionnaire:

VDC name: Ward: Settlement:
Respondent: Community: Code:

1. Information on family members

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Family members</th>
<th>Relation to respondent</th>
<th>Sex</th>
<th>Age</th>
<th>Marital Status</th>
<th>Education</th>
<th>Occupation</th>
<th>Training</th>
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<td>1</td>
<td>Respondent</td>
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</table>

2a. What are the sources of livelihood of your family? (Write: 1; 2, 3, according to the importance) a. crop production, b. vegetable c. livestock d. wage labor e. business f. service g. remittance h. others........

2b. What were the livelihood sources during your father and grandfather's time?

2c. What are the livelihood sources of your sons? (if applicable)

3. Information on land ownership (Land area in Ropani and production in Kg)

<table>
<thead>
<tr>
<th>Land type</th>
<th>Own land</th>
<th>Others land</th>
<th>Obtained as angsha</th>
<th>Added in last 10 years</th>
<th>Land during fathers</th>
<th>Land for sons</th>
<th>Crops produced</th>
<th>Production in Kg</th>
</tr>
</thead>
<tbody>
<tr>
<td>Khet</td>
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<td>Kharbari</td>
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</table>

4. What are your experiences on soil fertility during last 5/6 years?

5. Are you practicing same cropping pattern? Yes or No.
   The crops produced at present are: ............................................
   The crops produced few years back................................................
   Reasons for the change....................................................................

6. Do you consume all your produces? Yes or No.
   If it is sold, the crop quantity ............. amount in NRs............
Selling place: In own village, neighboring village or local market

7. Information on seeds: local, hybrid or else for particular crops……
   Information on fertilizers: local compost or artificial type…for particular crops……
   Information on pesticides: …………for particular crops……………….

8a. Do you grow commercial vegetables or fruits? Yes or No.
   When did you start farming …………and productions………………

<table>
<thead>
<tr>
<th>Names of vegetable</th>
<th>Name of fruits</th>
<th>Income in Nepalese rupees</th>
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<tbody>
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<tr>
<td>Others</td>
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</tbody>
</table>

Total annual income from vegetables and fruits NRs. ……………………………

Reason to initiate vegetables or fruits?

8b. Inventory on the livestock and fowls

<table>
<thead>
<tr>
<th>Type of animals</th>
<th>Number</th>
<th>Income in Nepalese rupees</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattle</td>
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<tr>
<td>Buffaloes</td>
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<td>Pigs</td>
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<tr>
<td>Goats</td>
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<td>Chicken</td>
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<td>Others</td>
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<tr>
<td>Total</td>
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</tbody>
</table>

9. Are there any service holders in your family?
   Number………………………………………… Annual income……………………
   Are there any remittance sources? Yes or No.
   In case of Yes, the number……………………and places/countries………………
   Annual income through remittances in NRs. ………………………………………

10. House type (observation): No. of storey……
    Roof materials: Thatch, zinc plate or others (specify)
    Building materials: Wooden………RCC…………Remarks: …………………
    Possessions: Electricity, television, cassette player, radio, separate kitchen, biogas, use of LPG gas, shelf toilet facilities.
Possession of jewelries (in Tola): ..................................................

11. What are the sources of fuel in your house?
   Firewood: .............. annual consumption in Bhari..........
   LPG ................. annual consumption ..........cylinders.
   Sources of firewood: Woods from shelf land in Bhari..........
   Community forestry in Bhari .......... and/or other in Bhari .............. (Specify)

12. Is there any change of in your livelihood strategies during last ten years? Yes or No.
   In case of change, please state the change:.............................................................

13. Are there any problems or prospects of livelihood strategies at present?
   Problems:........................................................................................................................
   Prospects:.....................................................................................................................
   Would you expect any intervention?
   Interventions:..............................................................................................................
   By.................................................................................................................................

14. Is there any specific characteristics of your caste/community on livelihood, social
    work, or resource management ?................................................................................

15. How do you adapt in natural calamities, monsoon failure or crop failures?
   ..............................................................................................................................
   How do you mitigate the pressure generated by illness or death of members?
   ..............................................................................................................................

16. Annual expenditures of the household:

<table>
<thead>
<tr>
<th>Exp. for Food</th>
<th>Cloth</th>
<th>Education</th>
<th>Medical</th>
<th>Festivals</th>
<th>Others</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>In NRs.</td>
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</tbody>
</table>

17. For how many months do your own produce support your family?
   a. Year round b. up to nine months c. up to six months d. less than .......... months.

18. How do you maintain in case your own produce is not sufficient?
   ..............................................................................................................................
19. What does cause difficulty in maintenance of households?
   Causes:........................................................................
   Coping
   Strategy:........................................................................

20. Food habits:
   Breakfast items:..........................................................
   Lunch items:...........................................................dinner items..........................................................

21. Do you have variation in food habits in different seasons?
   ..................................................................................
   Major illness types of your family members:..........................................................

22. Annual income of the household in NRs.: ..........................................................
   (Please verify with income in section 6 (crops) + Income in section 8a
   (fruit/vegetables) + Income in section 8b (livestock) + Income in section 9
   (Service/remittance) + if any = NRs.................................................................)
   Are the income sources enough for subsistence of your household? Yes or No.
   What is the amount you save annually? ..........................................................
   (Please verify with total income – expenditures) ..............................................
   Saving places: (investment in village, bank, cooperative or any other else)
   Did you take any loan? Yes or No.
   Sources of loans:...........................................................................................
   Purposes of taking loan:...................................................................................

23. Do you have access to community forestry, canals or water sources? Yes or No.
   Reason for no access: ..................................................................................

24. What are the prevailing institutions in this village?
   ..................................................................................................................
   Did they help in any manner to you?.............................................................

25. Are you happy from socio-cultural and developmental activities in your village?
   Yes or No.................................................................................................
   If no what changes would you expect?..........................................................
   How?...........................................................................................................
   Which group do you represent: Very poor, poor, medium or rich?
26. What are the environmental changes you noticed during the last 10 years in your area?

What are the causes for it?

What is required for the remedy?

27. Your community might have own socio-cultural, religious or economical traditions, did they help your household in some way?

28. What were the voluntary works you performed in your area?

29. What are the factors that determine your agricultural activities?

   Please share according to the importance:

30. Are there any change due to the Dharan Basantapur road?

   Change in agriculture: ________________________________

   Change in employment: ________________________________

   Change in social-cultural pattern: _______________________

   Change in other sector (specify): ________________________

   What do you expect here for the rural development: ______

31. Are you satisfied staying here? Yes or No.

   The reason for dissatisfaction: __________________________

Thanks

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b. Unstructured Questionnaire for Key Informants interview:

VDC name: Settlement:
Key respondent: Age: Community:

1. Natural resources of the area:
   Changes that are taking place from childhood days to now:
   Any specific practices on the resources of the community:
   Access of the community members to the resources:

2. How long your community has been living here?
   Place of origin of migration of your community:
   Changes observed in last three generations of your community:
   Roles played by socio-cultural and religious institutions you belong to:
   Problems and prospects of livelihoods in your community:

3. Coping strategy for routine and severe pressure in your community:

4. Social and economic changes taking place in the community during the last 10 years:

5. Comments on role of nature and the human nature relationship:

6. Any specific livelihood or adaptive strategies of the community:

7. Status of settlement in relation to road, health, education and drinking water facility:

8. Intervention needed for the development of the area:

9. Satisfaction/dissatisfaction on the place/area

10. Your perception on the issues of gender, caste/ethnicity, religion etc.