- 4. Results of Interview Survey- Calamity and Causality by Natural Disaster -

### DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (1/8)

|                 |                   |  |              | . Kind of       | Name of                                   | ,  | Date                                    |              | Denth            | Duration      | Affected   | Agricultural   | Hous          | se Damage  |              | Line Canal                                       | Properties   | School   | Multi  | purpose Dama                                     | ne.  | No. of Ev  | acuees   |  | Casu    | alties   |             | Fish   | oond L      | vestock/Pol | ittry F        | armland        | Brgy.Roa    |
|-----------------|-------------------|--|--------------|-----------------|---|--|---|--------------|------------------|---------------|--|----------------|---------------|--|--------------|--|--------------|--|--|--|--|--|--|--|---------|--|-------------|--|-------------|-------------|----------------|----------------|-------------|
| 10.             | Brgy, Name        | Purc   | ok Munici    |                 | Disaster                                  |  |   | Year         | (cm.)            | (hrs/Days)    | Area   | Damage         | Totally       |  | rtially      | Damages  | along the    | Damage   | Barannay Hali                                    | Road   | Day care   | Families   | Person   | Died   | Injured | Missing h  | omeless     | Dam  | agel        | Damage      | Ε              | Damages        | National    |
| _               |                   | 1  |              | 1               | 1   | 1  | 1-2.5                                   |              | 15,              | 1             | (ha)   |                |               |  | Peso         | (Peso)   | road (Peso)  | (Peso)   | (Peso)   | (Peso)   | (Pesn)   | (Nos)  | (Nos)  | (Nos)  | (Nos)   | (Nos)  | (Nos)       | (ha)   | (Peso) (he  | ad) (Pes    | o) (ha)        | (Peso)         |             |
|                 |                   | _  | +            |                 |   | +  |   |              |                  | <del> </del>  | 1118/  | 1 6307 110     | . 1 630       | 110.   | resu         | (1 630)  | ioau (reso)  | (Leso)   | ((-630)  | (1630)   | (1-620)  | (1405)   | (1403)   | (1403)   | (1403)  | (1103)   | (1405)      | 11.0/  | 1. 000)     | ( )         |                | 1              |             |
| - B             | ayandong          |  | 5,6 Tabaco   | Flood           | Typhoon Akang                             | January  | F 6                                     | 4004         | 40.0             | 74 500        | <del> </del>                                     | <del> </del>   | <del> </del>  | <del>  -</del>                                   |              |  |              |  | <del></del>                                      |  | -  |  |  |  |         |  |             |  |             |             |                |                | ·           |
| _ De            | yanubilg          | 1  | o i apace    | PROOF           |   |  |   |              |                  |               |  | 70.000         |               | <del> </del>                                     |              |  |              |  | · · · · · · · · · · · · · · · · · · ·            | <del> </del>                                     |  |  |  |  |         |  |             |  |             |             | <del></del>    | <del></del>    |             |
|                 |                   | +  |              | <del></del>     | Typhoon Rosing                            | November   | 1-3                                     | 1995         | 20.2             | 36 hrs        |  | 70,000         | <del></del>   |  |              |  | -            |  |  |  |  |  | ļ <u> </u>                                       |  |         |  | - 2         |  |             |             |                | +              | <del></del> |
|                 |                   |  |              |                 | Typhoon Loleng                            |  | 21-22                                   |              |                  | 2 days        |  |                | ·             |  |              |  |              |  |  | ļ  |  |  | ļ <u>.</u>                                       |  |         |  |             |  | <del></del> |             |                | <del>.  </del> |             |
|                 |                   |  |              | Drought         | El Nino Phenomeno                         | om   |   | 1998         |                  |               | - do dam   | age reported - |               |  |              |  |              |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
|                 |                   |  | 1            | Lanslide        | Heavy rains                               |  |   |              |                  |               | - do dam   | age reported - |               |  |              |  |              |  |  |  | 1  | ·  |  | l  |         |  |             |  |             |             |                |                |             |
|                 |                   |  | 2            | Drought         | El Nino Phenomeno                         | om   |   | 1998         |                  |               | 20   | 215,000        |               |  |              |  |              |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
|                 |                   |  | 4            | Lanslide        | Heavy rains                               |  | Ì                                       |              |                  |               |  |                |               |  |              |  |              |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
|                 |                   | Τ,   | 2.3          | Flood           | Typhoon Sisang                            | <del>-</del>                                     | +                                       | 1987         | 20               | 1-2 days      | 13   | 78,000         |               | +  |              |  |              |  |  |  | <del> </del>                                     |  | 1  |  |         |  |             |  |             |             |                |                |             |
| _               |                   | <del> </del>                                     | 2,3          | 1 1000          |   | January  | F C                                     |              |                  |               |  | 50,000         | <del></del>   | +  |              |  |              |  |  | <del> </del>                                     | <b></b>  |  | <del></del>                                      | <del>  </del>                                    |         |  |             |  |             |             |                |                |             |
|                 |                   | <del></del>                                      |              |                 |   |  |   |              |                  | 24 hrs        |  |                |               | +  |              |  | <del></del>  |  |  | ļ  |  |  | <u> </u>   |  |         |  |             |  |             |             |                |                |             |
|                 |                   |  | _            |                 |   | October  | 21-22                                   | 1998         | 30               | 2 days        | 9  | 144,000        | <b>.</b>      |  |              |  | <u> </u>     |  |  |  | ļ  |  | <del> </del>                                     |  |         |  |             | 2  | 200,000     |             |                |                |             |
|                 |                   |  | 3            | Lanslide        | Heavy rains                               | <b></b>  | _                                       |              |                  | ļ             |  |                | <del>- </del> |  |              |  |              |  | ļ  |  | ļ <u>.</u>                                       | <u> </u>   |  | <b> </b>   |         |  |             |  |             |             |                |                |             |
|                 |                   | ļ  | 3            | Lava flow       | Mayon Eruption                            | February   |   | 1993         |                  |               | Riverbanks                                       |                | <u> </u>      | <del>                                     </del> |              |  |              |  |  |  | ļ  | <u> </u>   | <u> </u>   | 1  |         |  |             |  |             |             |                |                |             |
|                 |                   | 2  | 2,3          | Flood           | Typhoon Sisang                            |  |   | 1987         | 45               | 1 - 2 days    | 8.26   | 82,000         | _[            |  |              |  |              |  |  |  | <u>l</u>   |  | <u> </u>   |  |         |  |             |  |             |             |                |                |             |
|                 |                   |  |              |                 | Typhoon Akang                             | Janaury  | 5-6                                     | 1994         | 30               | 1 - 2 days    | 5  | 93,000         | ŧ             |  |              |  | 1            |  |  | 1  |  |  |  |  |         |  | -           |  |             |             |                |                |             |
| $\neg$          |                   |  |              |                 |   | October  | 21-22                                   |              |                  | 2 days        |  | 75,000         |               |  |              |  |              |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
|                 |                   | 1  | 4            | Flood           | Typhoon Rosing                            | November   |   |              |                  | 24-36 hrs.    | 5  | 50,000         |               | 1  |              |  |              |  |  | †  | 1  | · · · · · ·                                      |  |  |         |  |             |  | - i         |             |                |                |             |
| $\neg$          |                   | +  | 6            | Flood           | Typhoon Akang                             |  | 5-6                                     |              |                  | 24 hrs        | 3  | 36,000         |               | 1  |              |  | 1            |  |  | 1  | <del> </del>                                     | <del> </del>                                     | <b></b>  |  |         |  |             | 1  |             |             |                |                |             |
| +               | <del></del>       | +  |              |                 |   |  | 21-22                                   |              |                  |               |  |                | 1             | <del> </del>                                     |              |  |              |  |  | <del> </del>                                     | <del> </del>                                     |  | <del> </del>                                     |  |         |  |             | <del>  </del>  |             |             |                | <del>- </del>  |             |
|                 |                   | +  | +            | Flood           | Typhoon Loleng                            | October  | 21-22                                   |              | 41./             | 2 days        |  | 105,000        | +             | <del> </del>                                     |              |  |              |  |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  |  |         |  |             |  |             |             |                | <del></del>    |             |
|                 |                   | +  | -            | Flood           | Typhoon Sisang                            | <del></del>                                      | <u> </u>                                | 1987         |                  | 2 days        |  |                | <del> </del>  | <del>                                     </del> |              |  |              |  |  | <del> </del>                                     |  | <del> </del>                                     | -  | -  |         |  |             | -  |             |             |                | <del></del>    |             |
| -               |                   | +  |              | Flood           | Heavy rains                               | almos  | st everyti                              | me           | 175              | 2 - 3 days    | 2 - 2.5  | <del> </del>   |               | <del>                                     </del> |              |  | ļi           |  | <del> </del>                                     | <b> </b>   | <del> </del>                                     |  | <del> </del>                                     |  |         |  |             | <del></del> -  |             |             |                |                | +           |
| _ _             |                   |  | _            |                 |   | <del></del>                                      | 1                                       |              |                  |               | -  | <b> </b>       | 1             | 4  |              |  | <u> </u>     | ļ  |  | <b></b>  |  |  | <del> </del>                                     | <b> </b>   |         |  |             | <del>  </del>  |             |             | <del>   </del> | <del></del>    |             |
| 2 Bo            | onga (Upper)      |  |              | y Flood         |   | November   |   | 1995         |                  | 1 day         |  | 2,550,000 1    | 650,000       | 4  |              |  |              |  |  | ļ  |  | <b> </b>   | <u> </u>   | لـــــــــــــــــــــــــــــــــــــ           |         |  |             | <b>  </b>  |             |             |                | <del></del>    |             |
|                 |                   | 7-   | 10           | Flood           | Typhoon Loleng                            | October  |   | 1998         | 33               | 2 days        | 113  | 1,695 6        | 9 3,450       | 279  | 4,185        |  |              |  |  | <u> </u>   |  | 120  | 1  |  |         |  |             |  |             | 3 3         | 0,000          | _              |             |
|                 |                   |  |              |                 |   |  |   |              |                  |               |  |                |               |  |              |  | <u> </u>     |  |  |  |  |  |  |  | I       |  |             |  |             |             |                | _              |             |
| Lo              | ower Bonga        | 1-   | - 5          | Flood           | Typhoon Rosing                            | - same dat                                       | ta with th                              | e other m    | ap (upper)       |               |  |                |               |  |              |  |              |  |  |  |  |  | $\perp$  |  |         |  |             | $oldsymbol{ol}}}}}}}}}}}}}}}}$ |             |             |                |                |             |
| 7               |                   | 10.J   |              | Flood           |   | - same dat                                       | ta with th                              | e other m    | ap (unner)       |               | <u> </u>   |                | 1             |  |              |  |              |  |  | 1  |  |  |  | 1  |         |  |             |  |             |             |                |                |             |
|                 |                   | 1.5.5  | 7            |                 |   |  | 7                                       |              | - (abbai)        | 1             | <del>                                     </del> |                | 1             |  |              |  | 1            |  | 1  |  | 1  | 1  |  | 1  |         |  |             |  |             |             |                | T              |             |
| 3 His           | ndi               | 7 64   | lar Bacaca   | y Drought       | El Nino Phenomeno                         | nin  | 1                                       | 1998         |                  | <del> </del>  | 20   | 1,280,000      |               | <del>                                     </del> | •            |  | 1            | <u> </u>   |  | 1  | <b>—</b>   | <del> </del>                                     | 1  | 1  |         |  |             |  |             |             |                |                |             |
| <u>~   rai.</u> |                   |  | 3            |                 | Mayon Eruptions                           | <del>''</del>                                    | +                                       | 1998         |                  | <del> </del>  | 42   |                | 900 000       | <del>                                     </del> |              |  | 1            |  | <u> </u>   | †  | +  |  | <del>                                     </del> | <del>                                     </del> |         |  |             | <del>   </del>   |             | 7           | 0,000          | 1              |             |
| -               |                   | +  | 3            | ASINAN & FIDDU  |   |  |   |              |                  |               |  | 420,000 1      | 300,000       | ++-  |              |  | <del> </del> | <del> </del>                                     |  | <del></del>                                      | +  |  | +  | +  |         |  |             | <del>                                     </del>   |             |             | 0,000          |                |             |
|                 |                   |  |              | <del>-  </del>  | Typhoon Rosing                            | November   |   | 1995         |                  |               | 62   |                | 7 1,350,000   | +  |              |  | <del> </del> |  | <del></del>                                      | <del></del>                                      | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     |  |         |  |             |  |             | <del></del> | 7,000          |                |             |
| +               |                   | +  |              | Flood           | Heavy rains                               | Janaury  | 6                                       |              |                  | 2 days        |  |                | 1             |  |              |  | <b></b>      |  |  | ļ  |  | <del>                                     </del> |  |  |         |  |             | <del>  </del>  |             |             |                | -              |             |
|                 |                   |  | 2            |                 | Typhoon Loleng                            |  |   | 1998         |                  | 1 day         |  |                |               |  |              |  |              |  |  | ·  | ļ  |  | <del> </del>                                     |  |         |  |             | <del>├</del>   |             |             |                |                |             |
|                 |                   |  | 2            |                 |   | February   |   | 1993         |                  | <u> </u>      | 20   |                |               | 1  |              |  |              |  | <del> </del>                                     | <b></b>  |  |  |  | ļ  |         |  |             | <del> </del>   |             |             |                |                |             |
|                 |                   | <u> </u>   | 1            | Flood           | Typhoon Akang                             | Janaury  |   | 1994         |                  | 2 days        |  |                |               | 1  |              |  |              |  |  | ļ  |  |  |  | ļ  |         |  |             | <del>  -</del>   |             |             |                | _              |             |
|                 |                   |  | 1            |                 | Typhoon Loleng                            |  |   | 1998         | 55               | 1 day         | 18   | 288,000        |               | 1  |              |  |              |  |  | L  |  |  |  |  |         |  |             |  |             |             | _              |                |             |
|                 |                   | •  | 1            | Ashfall & Flood | Mayon Eruptions                           |  |   |              |                  |               | 10   | 100,000        | 2 100,000     |  |              |  |              |  |  | 1  |  |  | 1  | 1  |         |  |             |  |             | 2           | 0,000          |                |             |
|                 |                   |  |              |                 |   |  |   |              |                  |               |  |                |               |  |              |  |              |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
| 4 Br            | gy 12             |  | Bacaca       | y Flood         | Heavy rains                               | 1  |   |              | 45.73            | 1_days        | 375  |                |               |  |              |  | 1            |  |  |  |  | {  |  | T  |         |  |             | l  |             |             |                |                |             |
|                 | oblacion          | Ţ  |              |                 | Heavy rains                               |  |   |              |                  | 1_days        |  | 2,500          |               | 1  |              |  |              |  |  | Time   |  |  |  |  |         |  |             |  |             |             |                |                |             |
|                 |                   | 1  |              |                 | Heavy rains                               |  | 1                                       |              |                  | 1 day         |  | 60,000         |               |  |              |  |              |  |  |  |  |  | 1  |  |         |  |             |  |             |             |                |                |             |
| $\neg \vdash$   |                   |  |              |                 | 11.00.1,10                                | -  |   |              |                  | 1             |  | 33,000         |               | 1  |              |  |              |  |  |  |  | 1  | 1  | <del></del>                                      |         |  |             |  |             |             |                |                |             |
| -5 So           | and               | <del>                                     </del> | 9 Bacaca     | y Flood         | Typhoon Rosing                            | · · · · · · · · · · · · · · · · · · ·            | -                                       |              | 7.3              | 1_days        | 8.5  | 85,000         | +             | 1 1  |              |  | · · · · ·    |  |  |  | 1  |  | 1  | 1  |         |  |             |  |             |             |                |                |             |
|                 | 900               | _  | 5.8          | y 11.000        | Typhoon Loleng                            | 1  | 1                                       | 1998         |                  | 1 2/3 days    |  |                |               | <del>                                     </del> |              |  | -            |  |  | <del>                                     </del> |  | <del>                                     </del> |  | 1  |         |  |             |  |             |             |                |                |             |
|                 |                   | <del>                                     </del> | ,,0          | <del></del>     | Typhoon Trex                              | <del> </del>                                     | -                                       | 1952         | AE 73            | 1_days        |  |                |               | 1  |              |  |              |  |  | <del>                                     </del> | +  |  | -  |  |         |  |             | 1  |             |             |                |                |             |
|                 |                   | +  |              |                 |   | <del>                                     </del> |   |              |                  | 1 1/3 days    |  | 478,500        | +             | 1  |              | <del> </del>                                     |              |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  |  |         |  |             | 1  |             |             |                |                |             |
| +               |                   | <del> </del>                                     |              |                 | Mayon Eruption                            | <del> </del>                                     |   | 1984         |                  |               |  |                | <del></del>   | +  |              |  |              | <del>                                     </del> |  | <del></del>                                      | <del></del>                                      | ┼──  | <del> </del>                                     |  |         | -  |             | 1  |             |             |                |                |             |
|                 |                   | <b></b>  |              | <del></del>     | Typhoon Sisang                            | - <del> </del>                                   |   | 1987         |                  | 2 days        |  |                | <del> </del>  | +  |              |  |              | -  |  | 1  | +  | <del> </del>                                     | <del> </del>                                     |  |         |  |             | +  |             |             |                |                |             |
|                 |                   | ┼  |              |                 | Typhoon Rosing                            | <del> </del>                                     |   | 1995         |                  | 1_days        |  |                | <del></del>   | +  |              | <del>                                     </del> |              | <del> </del>                                     | ļ  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |  |         |  |             | +  |             |             |                |                |             |
|                 |                   | <del> </del>                                     |              |                 | Typhoon Loleng                            |  |   | 1998         |                  | 1 2/3 days    |  |                |               | <del>                                     </del> | <del> </del> | <del> </del>                                     | ļ            | <del> </del>                                     |  | <del> </del>                                     | <del></del>                                      | <del> </del>                                     | <del>- </del>                                    |  |         |  |             | +  |             |             |                |                |             |
|                 |                   |  |              |                 | Typhoon Trex                              |  |   | 1952         |                  | 1_days        | ļ  | 239,250        |               | <del> </del>                                     |              | <del> </del>                                     | ·            | ļ  |  | 1  | <del> </del>                                     |  | <u> </u>   | <del></del>                                      |         |  |             |  |             |             |                |                | <del></del> |
|                 |                   | <u> </u>   |              |                 | Typhoon Trex                              | <u> </u>   |   | 1952         |                  |               |  |                |               | ļ  |              |  |              | 150,000  |  | <del> </del>                                     |  | <u> </u>   | 1  |  |         |  |             | <del>  </del> -  |             |             |                |                |             |
|                 |                   |  |              |                 | Typhoon Sining                            |  |   | 1970         |                  |               |  |                |               |  |              |  |              | 212,725  |  |  | ļ  | <u> </u>   | <u> </u>   |  |         |  |             |  |             |             |                |                |             |
| _ _             |                   | 1  |              |                 | Typhoon Sisang                            |  | لــــــــــــــــــــــــــــــــــــــ | 1987         |                  |               |  |                | <b></b>       | 4  |              |  |              | 310,183  | <u> </u>   | <b></b>  | <b></b>  | ļ  | -  |  |         |  |             | <del>                                     </del>   |             |             |                |                |             |
|                 | T                 | L  |              |                 | 1   |  |   |              |                  |               |  |                |               |  |              | ļ <u>.</u>                                       | J            | ļ  |  | <u> </u>   | 1  | 1  |  | <u> </u>   |         | L  |             |  |             |             |                |                |             |
|                 |                   | 4.   | ,5           | Flood           | Typhoon Sisang                            |  |   | 1987         | 18.12            | 1 1/6 days    |  | 3,571          |               |  |              |  |              |  |  |  |  |  |  |  |         |  |             | 1  |             |             |                |                |             |
|                 |                   |  |              |                 | Typhoon Rosing                            |  |   | 1995         |                  | 1 1/3 days    |  | 3,750          |               |  |              |  | L            |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
| T               |                   |  |              |                 | Typhoon Loleng                            |  |   |              |                  | 1_days        |  | 4,250          |               |  |              | L  |              |  |  |  | L  |  |  |  |         |  |             | لــــــــــــــــــــــــــــــــــــــ  |             |             |                |                |             |
| 7               |                   |  | 6            | Flood           | Typhoon Trex                              | 1  |   |              |                  | 1_days        |  |                | 1             |  |              |  |              |  |  |  |  |  |  |  |         |  |             | L. T   |             |             |                |                |             |
|                 |                   |  |              |                 | Typhoon Olive                             |  | 7-1                                     | 1960         |                  | 1_days        |  | 14.730 - 2     | l houses deva | astatec-   |              |  |              |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
| +               | <del></del>       | 1  |              |                 | Typhoon Sining                            | 1  | 1 1                                     | 1970         |                  | 1 2/3 days    |  |                |               | 7  |              |  | 1            |  | 1  | 1  | 1  |  | T  |  |         |  |             | 1  |             |             |                | T              |             |
| $\dashv$        |                   | <del> </del>                                     | +            | <del>-  </del>  |   | 1  | +                                       | 1987         |                  | 1 1/6 days    |  |                | +             | ++   |              | <u> </u>   |              | <del>                                     </del> | <b> </b>   | <del> </del>                                     | † <b></b> -                                      | 1  | 1  |  |         |  |             | 1 1  |             |             |                |                |             |
|                 | $\longrightarrow$ | <del>                                     </del> |              |                 | Typhoon Sisang                            | <del> </del>                                     | +                                       |              |                  |               |  |                | +             | <del>  </del>                                    |              |  | }            |  | <del>                                     </del> | <del> </del>                                     | <del>                                     </del> |  | <del> </del>                                     | +  |         |  |             | 1  |             |             |                | _              |             |
|                 |                   | <del> </del>                                     | +            |                 | Typhoon Rosing                            |  | +                                       | 1995         |                  | 1 1/3 days    |  | 31,000         |               | <del>  -</del>                                   |              |  | <u> </u>     | <del> </del>                                     |  | <del> </del>                                     | +  | <del> </del>                                     | 1  | +  |         |  |             | 1  |             |             |                |                |             |
|                 |                   | <b></b>  | +            |                 | Typhoon Loleng                            |  | +                                       | 1998         |                  | 1_days        |  | 67,600         | <del> </del>  | +  |              |  | <del> </del> | <del> </del>                                     | <del></del>                                      | <del> </del>                                     |  | <del> </del>                                     |  | <del> </del>                                     |         | <del>   </del>                                   |             | <del>                                     </del>   |             | -           |                |                |             |
| 4               |                   |  | 4            | Flood           | Mayon Eruption                            | ļ  | +                                       | 1984         |                  | 1_days        |  | 11,250         | <del> </del>  | <del>  -</del>                                   |              |  |              |  | <del>                                     </del> | <del> </del>                                     | <u> </u>   | <del> </del>                                     | +  |  |         | <b>  </b>  | <del></del> | 1  |             |             |                | -+             |             |
|                 |                   | <u> </u>   |              |                 | Typhoon Sisang                            | ļ  |   | 1987         |                  | 1 1/6 days    |  | 13,860         |               | <del>  -</del>                                   |              | ļ  |              |  | ļ  | <del> </del>                                     | ļ  | <del> </del>                                     | -  | 4  |         | ļļ   |             | 1  |             |             |                |                |             |
|                 |                   |  |              |                 | Typhoon Rosing                            | ļ  | 44                                      | 1995         | 45.60            | 1 1/3 day     |  |                | ļ             | 4  |              | <u> </u>   | ļ            |  | <b> </b>   | <b></b>  |  |  |  | 4  |         | ļļ   |             |  |             |             |                |                |             |
|                 |                   | L  |              |                 | Typhoon Loleng                            |  | $\bot$                                  | 1998         | 44.35            | 1_days        | 2.25   | 36,000         |               |  |              |  |              |  |  | ļ  |  |  | 1  |  |         |  |             | 11   |             |             |                |                |             |
|                 |                   | 1  | T            |                 |   |  |   |              |                  |               |  |                |               |  |              | <u></u>  | L            |  |  |  |  |  |  |  |         | LT   |             |  |             |             |                |                |             |
| 6 And           | olina             | - 5  | 6 Camalio    | Dike Damage     | Typhoon Rosing                            | T  | $\Box$                                  | 1995         |                  |               |  |                |               |  |              |  |              |  |  |  |  |  |  |  |         |  |             | T  |             | L           |                |                |             |
| - ·'''          |                   |  | 6            | Flood           |   | November   | 1 1                                     | 1995         |                  | 1_days        | 30   | 480,000        |               | T  |              |  |              |  |  | 1  |  | 1  |  | 1  |         |  |             |  |             | 60 48       | 0,000          |                |             |
| +               |                   | 5,   |              | 1 1000          |   | ·  | + +                                     | 1998         | 70.41            | 1_days        | 160  |                | 1             | <del>                                     </del> |              |  | 1            |  |  | 1  | 1  | 1  | 1  | 1  |         |  |             | 1  |             | 10 256 N    |                |                |             |
| +-              |                   | <del> </del>                                     | _            |                 | Typhoon Loleng                            | October  | ╁                                       | וששט         | 10.13            | days          |  |                | <del> </del>  | +  |              | <del></del>                                      |              |  | <del> </del>                                     | † · · · · · · · · · · · · · · · · · · ·          | †  | 1  | +  |  |         | <del> </del>                                     |             | <del>                                     </del>   |             |             | 0,000          |                |             |
|                 |                   | <del> </del>                                     | 2            | Drought         |   |  |   |              |                  |               | 72   |                | <del> </del>  | +  |              | <del>                                     </del> | -            |  |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | +  | +  |         | <del> </del>                                     |             | <del>  </del> -  |             |             | <u> </u>       |                |             |
|                 |                   | ļ  |              | Flood           | Typhoon Rosing                            |  | 1                                       | 1995         |                  | 1_days        | 9  | 144,000        | <b></b>       | <del>                                     </del> |              |  |              |  | <del> </del>                                     | <del> </del>                                     | +  | +  | +  |  |         |  |             | 1  |             |             |                |                |             |
|                 |                   | L  |              |                 | Typhoon Loleng                            |  |   | 1998         |                  | 1_days        | 10   |                |               |  |              |  | ļ            |  | ļ  | <del>                                     </del> | ļ  | ļ  |  | 1  |         | ļ  |             | 1  |             |             |                |                |             |
| $\pm$           |                   |  |              | Flood           | Typhoon Rosing                            |  |   | 1995         |                  | 1_days        | 40   | 640,000        |               |  |              |  | <u> </u>     |  |  | <u> </u>   |  | <u></u>  |  |  |         | LI   |             |  |             |             |                |                |             |
| -               |                   | T  |              |                 | Typhoon Loleng                            |  |   | 1998         |                  | 1_days        |  |                | 1             |  |              |  |              |  |  |  |  |  |  |  |         |  |             | $L^{-T}$   |             |             |                |                |             |
|                 |                   | <b></b>  | <del> </del> | Ashfall         |   | February   | <del>  </del>                           | 1993         | 55.54            | - 4070        | 368  |                | 50,000        |  |              |  |              |  |  | 1  |  | 410  |  |  |         |  |             | 7  |             | 17 17       | 0,000          |                |             |
|                 |                   | -  | +            |                 |   | in entuary                                       | + +                                     | 1993         |                  | <del>  </del> |  |                | . 50,000      | +  |              |  |              |  |  | <del> </del>                                     | <del>                                     </del> | 770  | 1  | <del> </del>                                     | -       |  |             | 1  |             | <del></del> | - <del></del>  |                |             |
|                 |                   |  | 1            | Landslide       | Heavy rains                               |  |   |              |                  | LI            | - no damag                                       | e & casualties | +             | ++   |              |  | ļ            |  |  | <del> </del>                                     |  | <del> </del>                                     | +  | +  |         | <del>                                     </del> |             | <del>  -</del>   |             |             |                | +              |             |
|                 |                   |  |              | ı               | 1   | I  | 1                                       | 1            |                  |               |  |                | I             | 1  |              |  | 1            |  | L  | L  | 1  | 1  | 1  | 1  |         | ıl.  |             | 1  | 1           |             | 1              |                |             |
|                 |                   |  | ļ            |                 |   | <del></del>                                      | <del> </del>                            |              |                  |               |  |                |               |  | mee **       |  | 1            |  |  |  | 1  |  | 7  |  |         |  |             | 1 -1   |             |             |                |                | 1           |
| Cat             | bangan            |  | 3 Camalig    | Flood           | Typhoon Loleng                            | October  | 21-22                                   | 1998         | 13-17            | 1-2 days      | 15   |                | 150,000       | 117 1.   | 755 M        |  | 16,000       |  |  |  |  |  |  |  |         |  |             |  |             |             |                | _              |             |
| Cak             | pangan            | 3  |              | Flood           | Typhoon Loleng Typhoon Rosing             | October<br>November                              | 21-22                                   | 1998<br>1995 | 13-17<br>29.5-38 | 24 hrs        |  |                | 150,000       | 117 1.   | 755 M        |  | 16,000       |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |
| Cak             | pangan            |  |              | Flood           | Typhoon Loleng Typhoon Rosing Heavy rains | October<br>November                              | 21-22<br>1-2                            | 1998<br>1995 | 13-17<br>29.5-38 |               |  |                | 150,000       | 117 1.   | 755 M        |  | 16,000       |  |  |  |  |  |  |  |         |  |             |  |             |             |                |                |             |

DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (2/8)

| E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  3 4 1.5 1.5 1.4 1.4 1.5 E-12 Quirangay 7 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig   |                                | 161-1-1             |   | - <sub>1</sub> -                                 |              |               | <del>, , ,</del> |               |           |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
|--|--------------------------------|---------------------|---|--|--------------|---------------|------------------|---------------|-----------|--|--|---------------------------------------|--------------------|--|---------------------------------------|--|--|--------------|----------------|--|---------------|----------|--|--|-------------|--------------|--|
| E-8 llawod 2 Camalig  E-9 Libod 1 Camalig  E-9 Libod 1 Camalig  4 4  4 4,5  E-10 Ligbsn 1 Camalig  E-11 Poblacion 1,4 Camalig  3 4  1-6  1-4  1-5  E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig | inicina lite                   | Kind of<br>Disaster | Name of<br>Disaster                     | Date   |              | Depth         | Duration         | Affected Ag   |           |  | e Damag  |                                       | Line Canal Propert |  |                                       | purpose Dama                                     | ge   | No, of Ev    | acuees         | Cas  | sualties      |          | Fishpond   | Livestock  | Poultry     | Farmland     | Brgy.Road  |
| E-9 Libod 1 Camalig  E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  3  | пистранту                      | Disasiei            | Disaster                                | Month Date                                       | e Year       | (cm.)         | (hrs/Days)       | Area          | Damage    | Totally  | 1 7  | Totally                               | Damages along t    | ne Damage  | Barangay Hall                         | Infrastructure                                   | Day care   | Families     | Person Died    | Injured  | Missing       | Homeless | Damage)  | Dama   | ge          | Damages      | National   |
| E-9 Libod 1 Camalig  E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  3  | malio Fk                       | lood                | Typhoon Loleng                          | October  | 199          | 8 45          | 1 day            | (ha)          | (Peso)    | No. Peso   | No.  | Peso                                  | (Peso) road (Pe    |  |                                       |  | (Peso)   | (Nos)        | (Nos) (Nos)    | (Nos)  | (Nos)         | (Nos)    | (ha) (Peso)                                      | (head) (   |             |              |  |
| E-10 Ligben 1 Camalig  E-11 Poblacion 1,4 Camalig  E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig   |                                |                     |   | February   | 199          |               | 1 day            |               |           | 21 1,050,000<br>7 350,000                        | 508  | 7,620,000                             |                    |  | hapel, rooms to                       | or HS, Elect. Po                                 | <u> </u>   |              |                | <u> </u>   |               |          |  |  |             | 196,000      |  |
| E-10 Ligben 1 Camalig  E-11 Poblacion 1,4 Camalig  E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig   |                                |                     | Mayon Eruption                          | February   | 199          |               | 1 day            | <del></del>   |           | 7 350,000  | 265  | 3,975,000                             | <del></del>        |  | ļ                                     | ļ  |  | 7            |                | <u> </u>   |               |          |  | 37   | 139,000 5   | 0 800,000    | <b>.</b>   |
| E-10 Ligben 1 Camalig  E-11 Poblacion 1,4 Camalig  E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig   |                                |                     | Typhoon Rosing                          | November   | 199          |               |                  |               |           | <del></del>                                      |  |                                       |                    | <del></del>                                      |                                       |  | <b></b>  |              |                |  |               |          |  |  |             |              |  |
| E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  E-11 Poblacion 1,4 Camalig  1-4 1-5 1-4 1-5  E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  | Dr                             |                     | EL Nino                                 | IVOVEINDEL                                       | 133          | 30            | 1 Uay            |               |           | <del></del>                                      | 159  | 2,385,000                             | <del></del>        | <del></del>                                      |                                       | ļ  | ļ  |              |                | <u> </u>   |               |          |  | <u> </u>   |             | 5 80,000     |  |
| E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  E-11 Poblacion 1,4 Camalig  I I-4 I-5   |                                |                     | Typhon Loleng                           | October  | 199          | 8 7.Jan       | 2 days           | 15            | 240,000   |  |  |                                       |                    | <del></del>                                      | <del> </del>                          | <del> </del>                                     |  |              |                | <del> </del>                                     |               |          |  | <del>  </del>                                    |             | 2 32,000     | <del> </del>                                     |
| E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  E-11 Poblacion 1,4 Camalig  1-5 1-4 1-5  E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                | Prought             | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |  | 199          |               | Z days           |               | 160,000   |  | <del></del>                                      |                                       |                    | <del></del>                                      | <del> </del>                          | <del> </del>                                     |  | <u> </u>     |                | ļ  |               |          |  | -l   |             | _            | <del> </del>                                     |
| E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig   |                                |                     | Typhon Loleng                           | October  | 199          |               | 2 days           | 7             | 112,000   |  | <del></del>                                      |                                       |                    |  |                                       | <del> </del>                                     | ļ  |              |                | <del> </del>                                     | ļ             |          |  | <del>  </del>                                    |             |              |  |
| E-10 Ligban 1 Camalig  E-11 Poblacion 1,4 Camalig  3 4  1-5 1-4  1-1-5  E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Mayon Eruption                          | February   | 199          |               | 2 00,5           | 15            | 1,500,000 |  |  |                                       |                    |  |                                       | <del> </del>                                     |  |              |                | <del></del>                                      |               |          |  |  |             |              |  |
| E-11 Poblacion 1,4 Camalig 3 3 4 4   | Fic                            |                     | Typhon Loleng                           | October  | 199          |               | 2 days           | 18            | 188,000   |  | <del></del>                                      |                                       |                    |  |                                       | <del> </del>                                     | · ·  |              |                | <del> </del>                                     | <del> </del>  |          | <del>-  </del> -                                 | <del>  </del>                                    |             | _            | <del> </del>                                     |
| E-11 Poblacion 1,4 Camalig 3   |                                |                     | Typhoon Akang                           |  | 199          |               |                  |               | 320,000   |  |  |                                       |                    |  |                                       | <del> </del>                                     | <del> </del>                                     |              |                | <del> </del>                                     |               |          |  | <del>  </del>                                    |             |              |  |
| E-11 Poblacion 1,4 Camalig 3   |                                |                     | Typhoon Rosing                          |  | 199          |               |                  |               |           | 28 1,400,000                                     | <del>                                     </del> |                                       |                    |  |                                       | <del> </del>                                     | <del> </del>                                     |              |                | <del> </del>                                     |               |          |  | <del></del>                                      |             |              |  |
| E-11 Poblacion 1,4 Camalig 3   |                                |                     |   |  |              |               |                  |               | 321,122   | 1,700,000  |  |                                       |                    | <del></del>                                      |                                       | <del> </del>                                     | <u> </u>   | ļ            |                |  |               |          |  |  | <del></del> | <del> </del> | <u> </u>   |
| E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  | malig Fi                       | lood                | Flashflood                              | January  | 199          | 4 92.34       | 1_days           | 12            | 216,000   | 18 900,000                                       |  |                                       |                    |  |                                       | <del> </del>                                     |  |              |                | <del> </del> -                                   |               |          |  | <del>  </del>                                    |             |              | <del>                                     </del> |
| E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Typhoon Rosing                          | November   | 199          |               |                  |               |           | 15 750,000                                       |  | 1.800.000                             |                    |  |                                       |  | <u> </u>   |              |                | <del> </del>                                     |               |          |  | <del>  </del>                                    |             | -            | <del> </del>                                     |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Typhoon Loling                          | October  | 199          | 8 78.9        | 1_days           |               | 67,999    |  |  |                                       |                    |  |                                       |  | <b> </b>   |              |                | <del></del>                                      |               |          |  | 1 -1-  | 9,450       |              |  |
| E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  | De                             | ebris/Mudflow       | Mayon Eruption                          | <u> </u>   | 196          | 8 72.3        | 1_days           | 12            |           | 22 100,000                                       |  |                                       |                    |  | i                                     | 1  | <b> </b>   |              |                | <del> </del>                                     | 1             |          |  | <del>                                     </del> | 5,400       |              |  |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Mayon Eruption                          |  |              | 73.24         | 1_days           |               |           | 44 880,000                                       |  |                                       |                    |  |                                       | 1  |  |              |                | ·   · · · · · ·                                  | ····          |          |  | <del>                                     </del> |             |              |  |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  | Fic                            | lood                | Typhoon Sisang                          |  | 198          | 7 79.87       | 2 days           | 99            | 1.6 m     |  |  |                                       |                    |  |                                       | 1  |  |              |                | 2  |               |          |  | 1  |             |              |  |
| E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     |   | <del>                                     </del> |              | ļ             |                  |               |           |  |  |                                       |                    |  |                                       |  |  |              | ·              | 1  | T             |          |  | <del> </del>                                     |             |              | 1  |
| E-12 Quirangey 7 Camalig  E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Mayon Eruption                          | <del>  </del>                                    | 196          |               |                  |               | 1,000,000 |  | $\Box$ $\Box$                                    |                                       |                    |  |                                       |  |  | "            | 3              | 3  |               |          |  | 1 1  |             |              | L  |
| E-12 Quirangey 7 Camalig  E-12 Quirangey 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Mayon Eruption                          | <del>                                     </del> | 199          |               |                  |               |           | 4 350,000  | <u>                                     </u>     |                                       |                    |  |                                       |  |  | •            |                |  |               |          |  |  |             |              |  |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Mayon Eruption                          | <del> </del>                                     | 196          |               | <u> </u>         |               |           |  | 80%  | 1,800,000                             |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  | FIC                            | lood                | Typhoon Loleng                          | <del>   </del>                                   |              | 71            | 2 days           |               | 90,000    | 2 120,000  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              | 1  |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Typhoon Olive Typhoon Rosing            | <del></del>                                      | 1960         | 70            | 1 days           |               |           |  |  |                                       | <del></del>        |  |                                       | ļ  |  |              |                |  |               |          |  |  |             |              | 1,000,000  |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Typhoon Rosing Typhoon Rosing           | <del> </del>                                     | 198          |               | 1 day            | 100           | 400.000   |  | -  |                                       |                    |  | ļ                                     | ļ  | ļ  |              |                |  |               |          |  | 1  |             |              | 1,500,000  |
| E-12 Quirangay 7 Camalig  E-13 Salugan 2.3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Typhoon Rosing Typhoon Loleng           | <del>  </del>                                    | 1998         |               | 1 days<br>2 days | 700           | 100,000   | 2 120,000  | 100  | 1,500,000                             |                    |  |                                       | <del> </del>                                     | <u> </u>   |              | <del></del>    | <del> </del>                                     |               |          |  | 100  | 5,000       |              | 1  |
| E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | - Privon Loieng                         | <del> </del>                                     | 1991         | /1            | ∠ uays           |               | 30,000    | 2 120,000  | <del>  -</del>                                   |                                       |                    | <del> </del> -                                   |                                       | <del> </del>                                     | ļ  | ļ            | <del> </del>   | <del> </del>                                     | ļ             |          |  | <del>  </del>                                    |             |              |  |
| E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  | malig Flo                      | lood                | Typhoon Olive                           |  | 1960         | 0             |                  |               |           | <del></del>                                      |  |                                       |                    | <del></del>                                      |                                       | <b> </b>   | <del> </del>                                     |              | <b></b>        |  |               |          | <del>                                     </del> | <del>                                     </del> |             |              | +  |
| E-13 Salugan 2.3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Typhoon Sisang                          |  | 1986         | 6 39.7        | 2 davs           | 26            | 171,000   |  |  |                                       |                    |  |                                       | <del> </del>                                     | <del> </del>                                     | <del> </del> |                |  | <del> </del>  |          | <del>  </del>                                    | <del>                                     </del> |             |              | +  |
| E-13 Salugan 2.3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     | Typhoon Rosing                          | November   | 1996         | 5 63.64       | 2 days<br>2 days |               | 150,000   |  | <del>                                     </del> |                                       |                    |  | <del> </del>                          | <del>                                     </del> | <del> </del> -                                   |              | <del></del>    | +  | <del>  </del> |          | <del></del>                                      | +  |             |              | +  |
| E-13 Salugan 2.3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  E-16 Tumpa 1 Camalig  |                                |                     |   | October  | 1998         | 8 60.3        | 1-2 days         | 20            | 150,000   |  | 15   | 168,000                               |                    | <del></del>                                      |                                       |  |  |              | <del></del>    | +  |               |          | <del></del>                                      | +  |             | <del></del>  | <del>                                     </del> |
| E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  |                                |                     | El Nino                                 |  | 1998         | 8             |                  | 5             | 168,000   |  |  |                                       |                    |  | · · · · · · · · · · · · · · · · · · · |  | -  |              | -              | 1 -  | <del>  </del> |          | <del></del>                                      | <del>    -</del>                                 |             |              | 1  |
| E-13 Salugan 2,3 Camalig  E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  |                                |                     |   | February .                                       | 1993         | 3             |                  |               | 250,000   | 15 100,000                                       |  |                                       |                    |  |                                       | T  |  |              |                | <del> </del>                                     | <del> </del>  |          | <del></del>                                      |  | 27,000      | 1            | 1  |
| E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  4 4 4 4 4 5 6 6 6 7 1 1 Camalig   | Fla                            | lashflood           | Typhoon Akang                           | Janaury 6  | 6 1994       | 4             |                  |               |           | 4 200,000  |  |                                       |                    |  |                                       |  |  |              |                | 1  |               |          |  | 1  | 1           |              |  |
| E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  4 4 4 4 4 5 6 6 6 7 1 1 Camalig   |                                |                     |   | <del>  </del>                                    |              |               |                  |               |           |  |  |                                       |                    |  |                                       |  |  |              |                | 1  |               |          |  |  |             |              |  |
| E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  4 4 4 4 5 6 6 7 1 1 Camalig   |                                |                     | Mayon Eruption                          |  | 1993         |               |                  |               | 930,000   |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  | 12   | 60,000      |              |  |
| E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  4 4 4 4 5 6 6 7 1 1 Camalig   | 1-10                           |                     |   | November   | 1995         |               |                  |               |           | 2 100,000  | - 6  | 90,000                                |                    |  | "(1) waiting she                      | eed, strretlights                                | (20) electri                                     | c posts"     |                |  |               |          |  |  |             |              |  |
| E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  4 4 4 4 5 6 6 7 1 1 Camalig   | BA.                            |                     | Typhoon Loleng<br>Typhoon Rosing        | October<br>November                              | 1998         |               | 1 day            |               | 992,000   |  |  |                                       |                    |  |                                       | streetlights -                                   | ,  |              |                | ļ  |               |          |  |  |             | 992,000      | <u> </u>   |
| E-14 Sua 7 Camalig  E-15 Tagaytay 4 Camalig  4 4  4 1  Camalig  Camalig  |                                |                     | Typhoon Akang                           | January  | 1994         |               | 1 day            | sring         | g damage  | 7 350,000  | 4  | 60,000                                |                    |  |                                       |  | ļ  |              |                | <b>_</b>   |               |          |  |  |             |              | <u> </u>   |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5-16 Tumpa 1 Camalig  |                                |                     | Typhoon Sisang                          | Garidary   | 1987         |               | 1-2 days         | 11.7          | 70,200    | 7 350,000  |  | 60,000                                |                    |  |                                       | <del> </del>                                     |  | 50           |                | <del> </del>                                     |               |          |  | 1  |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5 10 11 11 11 11 11 11 11 11 11 11 11 11  |                                |                     |   | October 21-22                                    |              |               | 2 days           | 10            | 70,200    |  |  |                                       |                    | <del> </del>                                     |                                       | <del> </del>                                     |  |              |                | <del></del>                                      |               |          |  | <del> </del>                                     |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5 10 11 11 11 11 11 11 11 11 11 11 11 11  | Lav                            | ava flow            | Mayon Eruption                          |  | 1993         |               |                  |               | 45,000    |  |  | · · · · · · · · · · · · · · · · · · · |                    |  |                                       |  |  |              |                | <del> </del>                                     |               |          |  | <del> </del>                                     |             |              | <del>                                     </del> |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5 10 11 11 11 11 11 11 11 11 11 11 11 11  |                                |                     | Mayon Eruption                          | 1968,1978,1                                      | 1984         |               |                  | - no dat      |           |  |  |                                       |                    | <del>-  </del>                                   |                                       |  |  |              |                |  | -             |          |  | <del> </del>                                     |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4  4 5  Tagaytay 1 Camalig  |                                |                     | Mayon Eruption                          | 1968,1978,1984                                   | 4,1993       |               |                  | - no dat      | a -       |  |  |                                       |                    |  |                                       |  |  |              |                | <del> </del>                                     | <del> </del>  |          |  | <del> </del>                                     |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5-16 Tumpa 1 Camalig  |                                |                     | Mayon Eruption                          | ļ  |              |               |                  | - along riv   |           |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  | 1 1  |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   | Flo                            |                     | Typhoon Sisang                          | -  | 1987         |               | 2 days           |               | 61,850    |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   | <del></del>                    |                     | Heavy rains                             | 1968,1978,1984,19                                | 1993         | 3             |                  | 10.3          | ·         |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4 4 5 5 6 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7 7   |                                |                     | Mayon Eruption Mayon Eruption           |  |              | <del>  </del> |                  | 39.28         |           | - <del> </del>                                   | <del></del>                                      |                                       |                    |  |                                       |  | ļ  |              |                |  |               |          |  |  |             |              |  |
| E-15 Tagaytay 4 Camalig  4 4  4 4  5-16 Tumpa 1 Camalig  |                                |                     | Mayon Eruption                          | 1968,1978,1984,19                                | e as above   |               |                  | 39,28         |           |  |  |                                       |                    |  |                                       |  |  |              |                | ļ  | ļ             |          |  |  |             |              |  |
| E-16 Tumpa 1 Camalig   | -                              | CDITO HOW           | MEYON ETUPUON                           | -same  | as above     | <del></del>   |                  |               |           | -  |  |                                       |                    |  |                                       |  |  |              |                | ļ  | ļ             |          |  |  |             |              |  |
| E-16 Tumpa 1 Camalig   | nalig Flor                     | ood 7               | Typhoon Akang                           | January  | 1994         | ,             | -                | - no data     |           |  |  |                                       |                    | -  | · · · · · · · · · · · · · · · · · · · | <del> </del>                                     | <del> </del>                                     |              |                |  |               |          |  | <del>  </del>                                    |             |              | +  |
| E-16 Tumpa 1 Camalig   |                                |                     |   | November   |              | 86.5-90       | 2 days           |               |           | 18 728,000                                       |  |                                       | <del></del>        |  |                                       |  |  |              |                |  |               |          |  | 1  |             |              | +  |
| E-16 Tumpa 1 Camalig   |                                |                     |   | November   |              | 76-79.5       |                  |               |           | 5 266,000  |  |                                       | ·                  |  | <u> </u>                              |  | <del>                                     </del> |              |                | <del> </del>                                     | <del>  </del> |          |  | <del>  </del> -                                  |             |              | +  |
| E-16 Tumpa 1 Camalig   |                                |                     |   | October  | 1998         |               | 2 days           | 4             | 64,000    |  |  |                                       |                    |  |                                       |  |  | <del></del>  | <del></del>    | <del> </del>                                     | <del> </del>  |          |  | +  |             |              | 1  |
| E-16 Tumpa 1 Camalig   |                                |                     | yphoon Loleng                           |  | 1998         |               |                  |               | 220,000   |  |  |                                       |                    | _  |                                       |  |  |              | <del></del>    | 1  | <del>  </del> |          |  | + +  |             |              | 1  |
|  | Floo                           |                     | yphoon Sisang                           |  | 1987         |               |                  |               | 625,000   |  |  |                                       |                    |  |                                       | <del></del>                                      |  |              |                | <del>                                     </del> | <del>  </del> |          | <del></del>                                      | + +-   |             |              | <u> </u>   |
|  |                                |                     | yphoon Loleng                           |  | 1998         |               |                  |               |           |  |  |                                       |                    |  |                                       | 200,000  |  |              | <del> </del>   | <del> </del>                                     |               |          |  | <del>  </del>                                    |             | <u> </u>     |  |
|  |                                |                     | yphoon Sisang                           | ļ  | 1987         |               | 2 days           |               | 123,240   |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
|  |                                |                     | yphoon Akang                            |  | 1994         |               | 2 days           | 18            | 176,430   |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
|  |                                |                     | yphoon Rosing                           |  | 1995         |               | 2 days           |               | 150,000   |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
|  |                                | T                   | yphoon Loleng                           |  | 1998         | 76.3          | 2 days           | 19            | 250,000   |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
|  | -   -                          |                     |   |  | <del> </del> | <del>  </del> |                  |               |           |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |
|  |                                |                     | Nayon Eruption                          | <del>    </del>                                  | 1993         |               |                  | no damage & c |           |  |  |                                       |                    |  |                                       | L  |  |              |                |  |               |          |  |  |             |              |  |
|  |                                |                     | layon Eruption                          |  | 1993         |               |                  | no damage & c |           |  |  | · · · .                               |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              | <u> </u>   |
|  | Floo                           |                     | yphoon Rosing                           | <del>   </del>                                   | 1995         | 91.46         | 2 days           |               | 106,000   |  | -  |                                       |                    |  |                                       |  |  |              |                | ļ  | <u> </u>      |          |  |  |             |              | ļ  |
|  |                                |                     | yphoon Loleng                           |  | 1998         |               |                  |               | 96,000    |  |  |                                       |                    |  |                                       |  |  |              | ·              | <u> </u>   |               |          |  |  |             |              |  |
| :17 Alcala 7.6 Daraga  | Floo                           |                     | yphoon Rosing                           | <del></del>                                      | 1995         |               |                  |               | 121,470   | <del>                                     </del> |  | <del></del>                           |                    |  |                                       |  |  |              |                | ļ  |               |          |  | <del>                                     </del> |             |              |  |
|  |                                |                     | yphoon Loleng                           |  | 1998         |               | 2 days           |               | 122,000   |  |  |                                       |                    |  |                                       |  |  |              | <del> </del> - | -  |               |          |  | $\vdash$   |             |              |  |
| -17 Alcala 7.6 Daraga  |                                |                     | yphoon Rosing                           |  | 1995         |               |                  |               | 244,000   | <del>  </del>                                    |  |                                       | <del> </del>       | +  |                                       |  |  |              |                | ļ  | <b> </b>      |          |  | <del>  -</del>                                   |             |              | <del></del>                                      |
| 17 Alcala 7.6 Daraga   | 1                              |                     | yphoon Loleng                           | <del></del>                                      | 1998         | 140.01        | 2 days           | 16.05         | 256,800   |  |  |                                       |                    |  |                                       |  |  |              |                | ļ  |               |          |  |  |             |              |  |
| - i i l'hitaia   /.bitaiaa  i  |                                | and                 | lavan Farris                            | P-1  | <del> </del> | <del> </del>  | <del></del>      |               |           | <del> </del>                                     |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              | 1  |
|  | nn F1-                         |                     | ayon Eruption I Nino Phen.              | February   | 1993         | 60.97         | 1 day            |               | 384,000   | 75,000   |  |                                       |                    |  |                                       |  |  |              |                | ļ  |               |          |  |  | 20,000      |              |  |
|  |                                |                     |   |  | 1997-98      |               |                  |               | 385,000   | <del>- </del> -                                  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  | $\bot$   |             |              | <del> </del>                                     |
| 2-3  | Drou                           | ou H                | eavy rain                               | January  | 1994         | 30.48         | 1 day            | 24            | 384,000   | <del> </del>                                     | -  |                                       |                    | <del>  </del>                                    |                                       |  |  |              |                |  |               |          |  | <del> </del>                                     |             |              |  |
| 18 Banadero 1 Daraga D   |                                | 1                   | ayon Eruption                           | February   | 1000         |               |                  |               |           |  |  |                                       | <del></del>        | <del>                                     </del> |                                       |  |  |              |                | 1  |               |          |  | <del> </del>                                     |             |              | <del></del>                                      |
|  | Drou<br>Floo                   | hristian            |   | resummery t                                      | 1993         |               |                  |               |           | <del></del>                                      |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  | 1  |             |              | <del></del>                                      |
|  | Drou<br>Floo<br>ga Deb         |                     |   |  |              |               | ı                | ı             |           |  | · 1  | ,                                     | J                  | 1  | 1                                     |  |  |              | l l            |  |               |          | I  | 1  |             |              |  |
|  | Drou<br>Floo<br>ga Deb<br>Lava | vaflow Ma           | ayon Eruption I                         | February   | 1993         |               |                  |               |           |  |  |                                       |                    |  |                                       |  |  |              | <del> </del>   |  |               |          |  |  |             |              |  |
| 1-3 F  | Drou<br>Floo<br>ga Deb<br>Lava | vaflow Ma           | ayon Eruption I                         |  |              |               |                  | 20.26         | 189,000   |  |  |                                       |                    |  |                                       |  |  |              |                |  |               |          |  |  |             |              |  |

#### DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (3/8)

|              |         | - 1               |             |              | Kind of            | Name of                       | T  | Date         |                 | Danah  | Dunation 1            | 044          | Alaudt I               |  |                         |                   |                                       |  |  |              |              | 5  |              | T  |              |  |              |  |              | Fish   | pond         | Liverte  | ck/Poultry   | Farm   | and          | Brgy.Road    |
|--------------|---------|-------------------|-------------|--------------|--------------------|-------------------------------|--|--------------|-----------------|--------|-----------------------|--------------|------------------------|--|-------------------------|-------------------|---------------------------------------|--|--|--------------|--------------|--|--------------|--|--------------|--|--------------|--|--------------|--|--------------|--|--------------|--|--------------|--------------|
| Br           | av. Nam | ie F              | Purok i     | Municipality |                    | Disaster                      |  |              | Year            |        | (hrs/Days)            |              | Agricultural<br>Damage | Totall   | House C                 |                   |                                       |  | Properties along the                             |              |              | i purpose Dama<br>I Road                         | Day care     | No. of E   | Vacuees      | Died In  |              | ualties<br>Missing hor                           | neless       |  | nage]        |  | mage         | Dama   |              | National     |
|              |         |                   |             |              |                    | 0.000.01                      |  | 20.0         | 100             | \cin.j | (Indibeyo)            | (ha)         | (Peso)                 |  |                         | Jo.               | Peso                                  | (Peso)   | road (Peso)                                      | (Peso)       | (Peso)       | (Peso)   | (Peso)       | (Nos)  | (Nos)        | (Nos) (  | los)         | (Nos) (I   | Vos)         | (ha)   | (Peso)       |  |              |  |              |              |
|              |         |                   |             |              |                    |                               |  |              | _               |        |                       |              |                        | 1.0.   | 30 11                   | -                 | 1 630                                 | 1,000/   | 1000 (1 000)                                     | (1 030)      | (1 630)      | (, 000)  | (1 630)      | (1403)   | 1100)        | 11100)   | 100/         | (1,96)   |              |  |              | `  |              |  |              |              |
| Inita        | ayan    |                   | 6           | Daraga       | Flood              | Typhoon Sisang                | November   |              | 1987            | 78     | 1 8 2                 |              |                        |  |                         | 820               | 16,400,000                            |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              |  | F            | Purok 2,3,   |
|              |         |                   | 1-6         |              |                    | Heavy rains                   | January  | T            | 1994            |        | 1 day                 |              |                        | 26 1,300   |                         |                   | 600,000                               |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   | 1-7         |              |                    |                               | November   | 1-7          | 1995            |        | 1 days                |              |                        | 26 1,300   |                         | 40                | 800,000                               |  |  |              |              |  | 1            | 2  | 6            |  | $\neg \neg$  |  |              |  |              |  |              |  |              |              |
|              |         |                   | 1-7         |              |                    |                               | October  |              |                 |        | 2 days                |              |                        | 12 600   |                         | 42                | 126,000                               |  |  |              |              |  |              |  | <u> </u>     |  |              |  |              |  |              | T I  |              |  |              |              |
|              |         |                   |             |              |                    |                               |  |              |                 |        |                       |              |                        |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              |  |              |              |
| udia         | 90      |                   | 1-4         | Daraga       | Flood              | Typhoon Rosing                | November   | 1-3          | 1995            | 78.62  | 1_days                | 51           | 750,000                |  |                         |                   |                                       |  |  |              |              |  |              | <u> </u>   |              |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   | 1,4         |              |                    | Typhoon Garding               |  |              | 1994            |        | 1_days                | 20           | 280,000                |  |                         |                   |                                       |  |  |              |              |  | <u> </u>     | <b> </b>   |              |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   | 1-4         |              |                    | Typhoon Loleng                | October  | 21-22        | 1998            | 77,50  | 1_days                | 47           | 630,000                |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  | 15,000       |  |              |              |
|              |         |                   | 1-4         |              |                    | Drought                       | El Nino  |              |                 |        |                       | 27           | 175,000                |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  | 1,095,000    |  |              |              |
|              |         |                   |             |              |                    |                               |  |              |                 |        |                       |              |                        |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              |  |              |              |
| lusa         | у       |                   | 5,6         | Daraga       | Flood              | Typhoon Rosing                | November   | 1-3          | 1995            | 25.27  | 2 days                | 50           | 475,000                | 10 500   | 0,000                   |                   |                                       |  |  |              |              |  |              | 1  | 1            |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   |             |              | Mudflow            | Heavy rains                   |  | <u> </u>     |                 |        |                       |              |                        |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   |             |              |                    | Mayon Eruption                |  | <u> </u>     |                 |        |                       | along i      | iver banks             |  |                         |                   |                                       |  |  |              |              |  |              | l  |              |  |              |  | ·            | 11_  |              |  |              |  |              |              |
|              |         |                   |             |              | Debris flow        | Heavy rains                   |  |              |                 |        |                       | along i      | iver banks             |  |                         |                   |                                       |  |  |              |              |  | ļ            |  |              |  |              |  |              | <del> </del>                                     |              |  |              |  |              |              |
|              |         |                   | 1,2,3       |              | Drought            | El Nino                       |  | ļ            | 1997-98         |        |                       |              |                        |  |                         |                   |                                       |  | ļ  | <u>.</u>     |              |  |              | <u> </u>   | <u> </u>     |  |              |  |              | <del>  -</del>                                   |              |  |              |  |              |              |
|              |         |                   | 5,6         |              | Flood              | Typhoon Loleng                | ·  | <u> </u>     | <b>}</b>        |        |                       |              |                        | 2 10   | 0,000                   | 2                 | 30,000                                |  | <b></b>  |              |              | <u> </u>   | ļ            | ļ  |              |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   |             |              | <del> </del>       |                               | ļ  |              | ļ               |        | <u> </u>              |              |                        | <del>  </del>                                    |                         |                   |                                       |  | <u> </u>   |              |              | <u> </u>   | ļ            | ļ  |              |  |              |  |              | <del></del>                                      |              |  |              |  |              |              |
| ullia        | et      |                   | 1,2,3       | Daraga       | Flood              |                               | October  | 21-22        | 1998            | 76.62  | 2 days                | 9            | 84,000                 | 4 20   | 0,000                   | 10                | 1,650,000                             |  |  |              |              |  | <del> </del> | 11   | 5            |  |              |  |              | +-+  |              |  |              |  |              |              |
|              |         | $\dashv$          |             |              | Debris flow        | Heavy rain                    | <del> </del>                                     | <del> </del> |                 |        |                       | Yal          | va river               | <del>  </del>                                    |                         |                   |                                       | ļ  | <del> </del>                                     | <del></del>  |              | ļ  |              | <del> </del>                                     | +            | <del>                                     </del> |              | <del> </del>                                     |              | +  |              |  |              | <del>  -</del>                                   | +            |              |
| ilika        | NA/     | $\dashv$          |             | Daraga       | Flood-             | Typhoon Sisang                | <del>                                     </del> | -            | 1987            |        |                       |              | <del>_</del>           | 200 3,600  |                         | +                 |                                       |  | <del> </del>                                     |              | ·            | <del>- </del>                                    | <del> </del> | <del> </del>                                     | +            | <del>                                     </del> |              | <del>  </del>                                    |              | + +  |              | <del></del>                                      |              |  |              |              |
| mka          | 144     | +                 |             | PaidAg       | , loou             |                               | November   | 4 2          |                 |        |                       | 20           |                        | 50 75  |                         |                   |                                       | <del> </del>                                     | +  |              |              |  |              | 87   | <del></del>  | <del>  -</del>                                   |              | <del>  -</del>                                   |              | 1 -1   |              | <del>                                     </del> | -            |  |              |              |
| <del>.</del> |         | +                 |             |              | Flashflood         | Typhoon Akang                 | INOVEHIDEL                                       | 1-3          | 1995            |        |                       | 62           | 185,000<br>580,000     |  | 0,000                   | <del> -</del>     |                                       | <del>                                     </del> | <del>                                     </del> |              |              | <del> </del>                                     | +            | <del> </del>                                     |              | <del>                                     </del> |              | -  |              | +  |              |  |              |  |              |              |
|              |         | $\dashv$          | $\dashv$    |              | Flood              |                               | October  | 21-22        |                 |        |                       | 20           |                        |  | 0,000                   | 400               | 800,000                               | <del>                                     </del> | <del> </del>                                     |              |              | <del> </del>                                     | <del> </del> | <del> </del>                                     | -            | <del>                                     </del> |              | <del>                                     </del> |              | +  |              | <del></del>                                      |              |  |              |              |
|              | -       |                   | 2           |              | Drought            | El nino                       |  | - 1-64       | 1998            | , 0.25 | 2 uays                | 25           |                        |  | -,000                   | .00               | 300,000                               |  |  |              |              | 1  | 1            | 1.   | 1            |  |              |  |              | 1 1  |              |  |              |  |              |              |
|              |         |                   |             |              | Pyroclastic Flow   |                               |  |              | 1993            |        |                       |              |                        |  | -+                      | $\dashv$          |                                       |  | <u> </u>   |              |              |  | 1            | <u> </u>   | 6            |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   |             |              | Debris flow        | Mayon Eruption                |  |              | 1968            |        |                       | Val          | va river               |  |                         |                   |                                       |  |  |              |              |  |              | I  |              |  |              |  |              |  |              |  |              |  |              |              |
|              |         |                   |             |              | Mudflow            |                               |  |              | 1968            |        |                       |              | va river               |  |                         |                   |                                       |  |  |              | ·            |  |              |  |              |  |              |  |              |  |              | <u>                                     </u>     |              |  |              |              |
|              |         |                   |             |              |                    |                               |  |              |                 |        |                       |              |                        |  | -T                      |                   |                                       |  |  |              |              |  |              |  |              | L  |              |  |              |  |              |  |              | <del>                                     </del> |              |              |
| lala         | bog     |                   |             |              | Flood              | Heavy rains                   |  | <u> </u>     | 1981            | 106.71 | 1_days                | 107.5        | 537,000                |  |                         |                   |                                       |  |  |              |              |  | <u> </u>     | <u> </u>   |              |  |              |  |              | +-+  |              |  |              | <u> </u>   |              |              |
|              |         | -                 | 1,2         |              | Flood              |                               | November   |              | 1995            | 95.71  | 1_days                | 99.79        | 498,000                |  |                         |                   |                                       |  | ļ  |              |              |  |              |  | <b>-</b>     |  |              |  |              |  |              | 2  | 7,500        | <del>                                     </del> |              |              |
|              |         |                   | 1,2         |              | Flood              | Typhoon Loleng                | October  | 21-22        | 1998            | 105.6  | 1_days                | 110          | 715,000                | 3 150  | 0,000                   | 21                | 31,500                                |  |  |              |              |  |              | —  |              |  |              |  |              | +  |              |  |              | <del>                                     </del> |              |              |
| 1 - 1 - 1    |         |                   | 1           | Daraga       | P11                |                               |  |              |                 |        | 10                    | 450.5        |                        |  |                         |                   |                                       |  | <del> </del>                                     |              |              | <del>                                     </del> | -            |  |              | <del>  </del>                                    |              |  |              | ++   |              | <del>                                     </del> |              | <del> </del>                                     |              |              |
| 19101        | bago    |                   | 3,4         |              | Flood              |                               | November<br>October                              | 1,3          | 1995<br>1987    |        | 1 <sup>1/3</sup> days | 158.5        |                        |  | 0,000                   | 55                | 825,000                               |  |  |              | ••           | -  | <del> </del> | ┼  |              | <del>                                     </del> |              |  |              |  |              |  |              | <del>  </del>                                    |              |              |
|              |         |                   | 3,4         |              |                    |                               | October  | 21-22        |                 |        | 2 days                | 262<br>217   | 90,000<br>8.8 M        |  | 5,000                   | 50                | 750,000                               |  | <del></del>                                      |              |              | +  |              | <del> </del>                                     |              | <del>                                     </del> |              |  | <del></del>  | 1  |              |  |              |  |              |              |
|              |         | _                 |             |              | Landslide          |                               | October  | 21-22        | 1987            | 61.25  | 2 days                | 217          | 6.6 W                  | 13 6   | 5,000                   | 50                | 750,000                               |  |  |              |              |  | <del>}</del> | <del> </del>                                     |              | <del>                                     </del> |              |  |              |  |              |  |              |  |              |              |
|              |         |                   |             |              | Lava Flow          | Mayon Eruption                |  |              | 1948            |        |                       |              |                        |  |                         |                   |                                       |  |  |              |              | 1  | 1            | <del>                                     </del> | 1            |  |              |  |              |  |              |  | 5,000        |  |              |              |
|              |         |                   |             |              | Mudflow            | Mayon Eruption                |  |              | 1978            |        |                       | 241          | 1.2 M                  |  |                         |                   |                                       |  |  |              |              |  | 1            |  |              |  |              |  |              |  |              |  |              |  |              | <u> </u>     |
|              |         |                   | 1,4         |              | Debris Flow        | Mayon Eruption                |  |              | 1993            |        |                       | 220          | 1.3 M                  | 2 9  | 9,000                   | 104 1             | .5 M                                  |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              |  |              | <b></b>      |
|              |         |                   |             |              |                    |                               |  |              |                 |        |                       |              |                        |  |                         |                   |                                       |  |  |              |              | 1  |              |  |              |  |              |  |              |  |              |  |              |  |              |              |
| latn         | og      |                   |             | Daraga       |                    | Typhoon Sisang                |  |              | 1987            | 76.5   | 1_days                | 18.3         |                        | <del> </del>                                     |                         |                   |                                       |  |  |              |              |  | <u> </u>     | ļ  |              | <u> </u>   |              |  |              |  |              |  |              | <b>  </b>  |              | <del></del>  |
|              |         | <u> </u>          | 1,2         |              | Drought            | El Nino                       |  |              | 1998            |        |                       | 6.58         | 73,692                 |  |                         |                   |                                       |  |  |              |              |  |              | ļ  |              | <u> </u>   |              |  |              |  |              |  |              |  |              |              |
|              |         |                   |             |              | Mudflow            | Mayon Eruption                |  | -            |                 |        | <del>  </del>         |              |                        | <del>                                     </del> |                         |                   |                                       |  |  |              |              |  | <u> </u>     | <del> </del>                                     |              |  |              |  |              | +  |              |  |              | <del>  -</del>                                   |              |              |
|              |         |                   | <del></del> |              | Debris flow        | Mayon Eruption                | <del> </del>                                     | #            | 1994            |        | <del>   </del>        | rive         | r banks                | <del>                                     </del> |                         |                   | · · · · · · · · · · · · · · · · · · · |  |  |              |              | - <del> </del>                                   | <del> </del> | <del> </del>                                     | <del> </del> |  |              |  |              | <del>                                     </del> |              |  |              | <del>                                     </del> |              |              |
|              |         |                   |             | -            | Lava flow<br>Flood | Mayon Eruption Typhoon Loleng | October  | 21-22        | 1998            |        |                       |              |                        | 2 100  | 0,000                   | 63                | 945,000                               |  | <b> </b>   |              |              | +  | <del> </del> |  |              | <del>  </del>                                    |              |  |              | <del>                                     </del> |              |  |              | 1  |              |              |
|              |         |                   |             | · · · ·      | 1 1000             | Typhoon Loleng                | Octobel  | 21-22        | 1990            |        |                       |              |                        | 2 100  | 0,000                   | -                 | 340,000                               | <del>                                     </del> |  |              |              |  | <del> </del> | +  | <del></del>  | <del>    -</del>                                 |              |  |              | 1  |              |  |              |  |              |              |
| ii-Isi       |         |                   | 1-4         | Daraga       | Flood              | Typhoon Akang                 | January  |              | 1994            | 68     | 1_days                | 0.5          | 125,000                | <del>                                     </del> |                         |                   |                                       |  | †  |              |              |  | <del> </del> | <del></del>                                      |              |  |              |  |              |  |              |  |              |  | 50,000       |              |
|              |         |                   | 5-7         |              |                    |                               | October  | 21-22        |                 |        |                       |              | 7,200,000              |  |                         |                   |                                       |  |  |              | ** '         |  |              |  |              |  |              |  |              |  |              |  |              |  |              |              |
| ii-isi       | - gully |                   |             |              | Lava flow          | Mayon Eruption                |  |              | 1993            |        |                       |              |                        |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              | <u> </u>   |              | <u> </u>     |
| ands         | slide   |                   |             |              | Flood              |                               |  |              |                 |        |                       | no further o | lata -                 |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              | <b>_</b>   |              |  |              |  |              | ļ            |
|              |         |                   | 1-7         |              | Drought            |                               |  |              |                 |        |                       | even sum     | ner -                  |  |                         |                   |                                       |  |  |              |              |  |              |  |              | ļ  |              |  |              |  |              | <b> </b>   |              | <b>  </b>  |              |              |
|              |         |                   |             |              |                    | ļ                             |  |              |                 |        |                       |              |                        | <del>                                     </del> |                         |                   |                                       |  | L  |              |              | <b></b>  | <b></b>      | 1  |              | <del>                                     </del> |              |  |              |  |              |  |              | <del> </del>                                     |              |              |
| alva         | cion    | $\dashv$          |             |              |                    |                               | October  | 21-22        | 1998            | 66     | 2 days                |              |                        | 5 250  | 0,000   1               | 150               | 2,250,000                             | ļ  | <del> </del>                                     |              |              | 1  |              | 15   | 0            | <del>  -</del>                                   |              | <del> </del>                                     |              | <del>-  </del>                                   | ·····        | 1  | 10,000       | <del>  -+</del>                                  |              | -            |
|              |         | -                 | 3-5         |              | Mudflow            | Typhoon Loleng                | <del> </del>                                     |              |                 |        |                       | damage rei   |                        | <del>                                     </del> |                         |                   |                                       | -  | <u> </u>   |              |              | +  | <del> </del> | <del> </del>                                     | <del></del>  | <del>  -</del>                                   |              | <del> </del>                                     |              | <del></del>                                      | <del></del>  | ┼──┤   |              | <del>  </del> -                                  |              |              |
|              |         |                   | J-5         |              | Drought            | El Nino                       | <del> </del>                                     |              |                 |        | - dama                | ages undet   | erminea -              | <del>  -  </del>                                 |                         |                   |                                       | <del>                                     </del> |  |              |              | <del> </del>                                     | +            | <del> </del>                                     | +            | <del> </del>                                     |              | <del> </del>                                     |              | 1  |              |  |              |  |              |              |
| agas         |         |                   | 4.0         | Daraga       | Flood              | Typhoon Akang                 | January  |              | 1996            | 70     | 1_days                | 30           | 1,000,000              | 150 7 50   | 4 000                   | 223               | 3,345,000                             | <u> </u>   | <u> </u>   |              | <del></del>  | +  | <del> </del> | +  | +            | <del>  -</del>                                   |              | <del>                                     </del> |              | <del>                                     </del> |              |  |              | 1  |              |              |
| -yai         |         | -                 | 1-9         |              | Flood              |                               | November   | 1-3          |                 | 75.5   | 1_days                | 30           |                        | 50 2 500   | 0.000                   | 95                | 475,000                               |  | <del> </del>                                     |              |              | 1  | 1            | 1  | +            | <del>                                     </del> |              |  |              | 1  |              |  |              |  |              |              |
| -            |         |                   | 1-9         |              |                    |                               | October  |              |                 |        |                       | 30           | 1,888 000              | 12 600   | 0.000                   | 178               | 2,670,000                             |  | <del> </del>                                     |              |              | 1  | 1            | 1  | 1            |  |              | 1  |              |  |              |  |              |  |              |              |
|              |         |                   | 4           |              |                    |                               | October  |              |                 |        |                       |              | ned damages -          |  |                         | 1                 |                                       |  |  |              |              |  |              | 1  |              | <del> -</del>                                    |              |  |              |  |              |  |              |  |              |              |
| _            |         |                   | -           | a river      |                    |                               | February   |              | 1993            |        |                       |              | 1,000,000              |  |                         |                   | ^\                                    |  |  |              |              |  |              | 40   | 10           |  |              |  |              |  |              |  |              | $\Box$   |              |              |
|              |         |                   |             |              |                    |                               |  |              |                 |        |                       |              |                        |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              |  |              | ļĪ.  |              | <b></b>      |
| inog         | sacan   |                   | 5,6         | Suinobatan   | Flood              | Typhoon Rosing                | November   | 1-3          | 1995            | 92.01  | 1_days                | 94           |                        |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              |  |              |  |              | <u> </u>   |              | $\perp \perp \perp$                              |              | <del></del>  |
| owe          |         |                   | 1,2         |              |                    | Typhoon Loleng                | October  | 21-22        | 1998            | 97.36  | 1_days                | 96           | 1.5 M                  | 3 150  | 0,000 1                 | 120               | 1,800,000                             |  |  | 1.5 M        |              |  |              |  |              |  |              |  |              | 1  |              |  |              | <b>  </b>  |              | <u></u>      |
|              |         | $oldsymbol{\bot}$ |             |              | Drought            | El Nino                       |  |              | 1997            |        |                       | 188          |                        |  |                         |                   |                                       |  |  |              |              |  |              |  |              |  |              | <u> </u>   |              |  |              |  |              | <b>  </b>  |              | <del> </del> |
|              |         |                   |             |              |                    |                               |  |              |                 |        |                       |              |                        |  |                         | _ _               |                                       |  |  |              |              |  | ļ            | 1  |              |  |              |  |              | 1  |              | ļļ   |              | <del>                                     </del> |              | -            |
| inog         | sacan   |                   | 3 (         | Suinobatan   |                    | Typhoon Loleng                | October  |              | 1998            | 120.67 | 1_days                | 92           | 900,000                | 12 60  | 0,000 1                 |                   | 1,800,000                             |  | <u> </u>   |              |              |  | <b> </b>     | <u> </u>   | 5            | 9  |              | <b> </b>   |              | 4  | <u></u>      |  |              | <del>                                     </del> |              | +            |
| ppe          | r)      |                   |             |              | Landslide          | Typhoon Sisang                | <u> </u>   |              | 1997            |        |                       | ·            |                        | Щ  |                         | 100               | 1,500,000                             |  |  |              |              | ļ  | ļ            | 15   | 0            | 2  | 4            |  |              | 4  |              |  |              | <del>                                     </del> |              |              |
|              |         |                   | 4,7         |              |                    | Typhoon Rosing                |  |              |                 |        |                       |              |                        | 20 1,000   | 0,000 1                 | 100               | 1,500,000                             |  |  |              |              | <del> </del>                                     | 1            | <del> </del>                                     |              | <del>  -</del>                                   |              |  |              |  |              |  |              | <del>  -</del>                                   |              | <del></del>  |
|              |         |                   |             |              |                    |                               |  |              |                 |        | ļļ.                   |              |                        |  |                         | _ _               |                                       |  |  |              |              | ļ  | <del> </del> |  |              | <del>  </del>                                    |              |  |              |  |              | <del>                                     </del> |              | <del>                                     </del> |              |              |
| ubul         | usan    |                   | 1,4         | Suinobatan   |                    | Typhoon Trex                  |  | I            | 1952            |        | 1-2 days              |              |                        | 10 10  | 0,000                   | _                 |                                       |  |  |              |              | <u> </u>   | ļ            | ļ  |              | 3  |              | <del>                                     </del> |              |  |              | -  |              | <del>                                     </del> |              | <del></del>  |
|              |         |                   |             |              |                    | Typhoon Sisang                | <u>                                     </u>     |              | 1987            | 52     |                       | 26.5         |                        |  | $-\!\!\!\!+\!\!\!\!\!-$ | _ _               |                                       |  |  |              |              | 1  | <del> </del> | 1  |              |  |              |  |              | 4  |              |  |              | <del>  -</del>                                   |              |              |
|              |         | _                 |             |              |                    | Typhoon Loleng                |  |              | 1998            | 69     |                       | 20.0         |                        | 10 150   | 0,000                   |                   | <del></del>                           |  | L  |              |              | <del> </del>                                     | <del> </del> | 5  | 5            |  |              | <del>  </del>                                    |              | +  |              |  |              | <del> </del>                                     |              |              |
|              |         |                   | 1-4         |              |                    | Typhoon Akang                 | January  |              | 1994            | 49.50  | 24 hrs                | 23.7         | 237,000                |  |                         |                   |                                       | ļļ   |  |              |              | - <del> </del>                                   | ļ            | -  | -            |  |              | <del>                                     </del> |              |  |              | <del>                                     </del> |              | +  |              | -            |
|              |         |                   |             |              | Drought _          | Mayon Eruption                |  | <u> </u>     | 1968            |        |                       | 30.0         |                        |  |                         | -                 |                                       |  |  |              |              |  | 1            | ļ  |              | <del> </del>                                     |              |  |              |  |              |  |              | +  |              |              |
|              |         |                   | $\perp$     |              |                    |                               | L  | <b>→</b>     | 1978            |        |                       | 32.0         |                        |  |                         | -                 |                                       |  | ļ  |              |              | <del> </del>                                     |              | <del> </del>                                     |              | <b>├</b>   |              |  |              | +  |              |  | <del></del>  | <del>                                     </del> |              |              |
|              |         |                   |             |              |                    |                               | <u> </u>   |              |                 |        |                       |              |                        |  |                         | <del>:  -</del> - |                                       | <u>_</u>   | <del> </del>                                     |              |              | <del> </del>                                     | ļ            | 1  |              | <del> </del> -                                   |              |  |              |  |              | $\vdash$   |              | <del>├</del>                                     |              |              |
|              |         |                   |             | ,            | Mudflow            | Mayon Eruption                | <b></b>  |              | 1984-93         |        |                       | - along r    | iver banks -           |  |                         |                   |                                       | ļ  | <u> </u>   |              |              | <del> </del>                                     | <del> </del> | +  | <del> </del> | <del>  -</del>                                   |              | <del>                                     </del> |              | +-+  |              | $\vdash$   |              | +  |              | <del> </del> |
|              |         |                   |             |              | Mudflow            | Mayon Eruption                |  | <b>→</b>     | 1993<br>1984-93 |        |                       |              | 27.0                   |  | 27.0 230,500            | 27.0 230,500      | 27.0 230,500                          | 27.0 230,500                                     | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500 | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500                                     | 27.0 230,500 | 27.0 230,500 |

#### DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (4/8)

| Pract At            | lame Puro                                    | Ok Isa         | nici II    | Kind of<br>Disaster    | Name of<br>Disaster             |  | Date   | Va==           | Depth<br>(cm.) ( | Duration    | Affected                     | Agricultural   |                          | se Dam   |           |  | Properties                                       |             |                                       | purpose Dama                                     |  | No. of Ev      |  | B T    | Casu   |        |               | Fishpe   |               | Livestoc   |                                       | armland           | Br       |
|---------------------|--|----------------|------------|------------------------|---------------------------------|--|--|----------------|------------------|-------------|------------------------------|--|--------------------------|--|-----------|--|--|-------------|---------------------------------------|--|--|----------------|--|--------|--------|--------|---------------|--|---------------|--|---------------------------------------|-------------------|----------|
| bigy. N             | iame Puic                                    | OK INU         | nicipality | Disaster               | Disaster                        | wonth  | Date   | Year           | (cm.) (          | nrs/Days)   | Area (ha)                    | Damage<br>(Peso) 1   | Totally<br>No. Peso      |  |           |  | along the road (Peso)                            |             |                                       | (Peso)   | Day care   | Families (Nos) | (Nos)  | (Noe)  | njured | (Nos)  | (Mos)         | Dama<br>(ha) (l                                  |               | Dam<br>(head)                                    | (Peso) (ha                            | Damages<br>(Peso) | 1        |
|                     |  |                |            |                        |                                 |  | 1  |                |                  |             | (110)                        | (FESU) II  | VO. PESO                 | 190.   | Peso      | (Feso)   | Toad (Peso)                                      | (Peso) -    | (Feso)                                | (Ceso)   | (Peso)   | (NOS)          | (1405)   | (INOS) | NOS    | (1005) | (1005)        | (lia) (i   | resoj ji      | (ileau)  | (Fesu) (Na                            | (1 630)           |          |
| Calzada             |  | 1-4 Gu         | inobatan   |                        | Typhoon Loleng                  | October  |  | 1998           | 79.54            | 2 days      | 39                           | 140,000  |                          | 18   | 270,000   |  |  |             |                                       |  |  |                |  |        |        |        |               | 1  | 00,000        | 40   | 37,500                                |                   |          |
| (Poblacion          | <u>)                                    </u> |                |            | Drought                | El Nino                         |  | 15   | 997-98         |                  |             |                              | 120,000  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       | ļ                 | 4        |
|                     |  |                |            |                        |                                 | <del> </del>                                     |  |                | -                |             |                              |  |                          |  |           | <u> </u>   | <u> </u>   |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       | -                 | +        |
| ona Tom             | iasa   | Gu             |            | Debris flow<br>Mudflow | Mayon Eruption Mayon Eruption   | February   |  | 1993<br>1993   | -                |             | 1779<br>1779                 |  | 15 750,000               |  | 751,000   |  |  |             | <del> </del>                          | <del> </del>                                     | -  |                |  |        |        |        |               | <del>  -</del>                                   |               |  |                                       | <del> </del>      | ╁        |
|                     |  | +              |            | ava flow               | Mayon Eruption                  | -  | <del>  -</del>                                   | 1993           |                  |             | 1779                         |  | 15 750,000<br>15 750,000 |  |           |  | 1  |             |                                       | <del> </del>                                     |  |                |  |        |        |        |               |  |               |  |                                       | <del> </del>      | ╁        |
|                     |  | $\top$         |            | ova nov                | Mayon Eraption                  |  | 1  | 1555           |                  |             | 1775                         | 300,000  | 750,000                  | 191  | 701,000   |  | <del> </del>                                     |             |                                       |  |  |                |  |        |        |        |               | <del>                                     </del> |               |  |                                       |                   | +        |
| awod                |  | Gu             | inobatan l | lood                   | Typhoon Sisang                  |  |  | 1987           |                  |             |                              |  |                          | 17   | 850,000   |  |  |             |                                       | † <del></del>                                    | 1  |                |  |        |        |        |               |  |               |  |                                       | 1                 |          |
|                     | 1  | 1-7            | 1          | lood                   | Typhoon Loleng                  | October  |  | 1998           | 150              | 2 days      | 3.3                          | 39,600   |                          | 22   |           |  |  |             |                                       |  |  | 22             |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     |  |                |            | Debris flow            | Mayon Eruption                  | <u> </u>   | $\vdash$   | 1993           |                  |             |                              |  |                          |  |           |  |  |             |                                       |  |  | 134            |  |        |        |        |               |  |               |  |                                       |                   | 4        |
|                     |  | _              | 1          |                        |                                 | 4  | -  |                |                  |             |                              |  |                          | 1  |           |  |  |             |                                       |  |  |                |  |        |        |        |               | ļ .  |               |  |                                       |                   | 4        |
| aipon               | 4  | Gu             | nobatan    |                        | heavy rains                     |  | 1  |                | 76.8             |             |                              | 65,648   | <del></del>              | 4  |           |  | <del>                                     </del> |             | <del></del>                           |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | +        |
|                     |  | +              |            | Judflow<br>ava flow    | Mayon Eruptions Mayon Eruptions |  | <del>                                     </del> | 1968<br>1968   |                  |             | g the river-<br>g the river- |  |                          | +  |           |  | <del>                                     </del> |             |                                       |  | <del> </del>                                     |                |  |        |        |        |               |  |               |  |                                       |                   | ┿        |
|                     |  | _              |            | Debris flow            | Mayon Eruptions                 | 1  |  | 1968           |                  |             | g the river-                 |  |                          | 1  |           |  | · · · · · ·                                      |             |                                       | 1  | <del>                                     </del> | 300            |  | 3      |        |        |               |  | $\overline{}$ |  |                                       |                   | +        |
|                     | 1  | 1,2            |            | lashflood              | Mayon Eruptions                 |  | 1 2  | 2-3 hrs        | -no da           | mage & de   |                              | 1  |                          | $\top$   |           |  | 1  |             |                                       | 1  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     |  |                |            |                        |                                 |  |  |                |                  |             |                              |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | $\perp$  |
| Maninila            |  | 1 Gui          | nobatan f  |                        | Typhoon Sisang                  | <u> </u>   |  | 1987           | 38               | 1 day       |                              |  | _                        | 255  | 3,825,000 | - Daycare  | Center Totally                                   | Damaged -   |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | 4        |
|                     |  |                |            | Drought                | El Nino                         | ļ  | -  | 1997           |                  |             | 38.725                       |  |                          | +-+  |           |  |  |             |                                       |  | <del>                                     </del> |                |  |        |        |        |               | <u> </u>   |               |  |                                       |                   | +        |
|                     |  |                |            | Debris flow            | Mayon Eruption                  |  |  | 1993           |                  |             | 103.26                       | 1,250,000  |                          | 1 }  |           |  |  |             |                                       | '  |  |                |  | 1      |        |        |               |  |               |  | 1                                     |                   |          |
| uladbuca            | d 1-3  | Gui            | nobatan    | Debris flow            | Mayon Eruption                  | February   | 2  | 1993           |                  | no records  | s of damag                   | es-  |                          | +  |           | <del></del>  |  |             | 166                                   |  |  |                |  |        |        |        |               | <del>  -   -</del>                               |               | <del>   -</del>                                  |                                       | <del> </del>      | +        |
| ande                |  |                |            | Drought                | El Nino                         |  |  | 1997           |                  | records     | 4                            | 64,000   |                          | 1 - 1  |           |  | <del>                                     </del> |             | 100                                   | 1  | <del> </del>                                     |                | <del>                                     </del> |        | -+     |        |               | <del>                                     </del> |               |  |                                       |                   | 7        |
|                     |  |                |            | lood                   | Typhoon Loleng                  | October  |  |                | 30.5             | 1 day       | 270                          | 4,320,000  | 3 150,000                |  | 2,250,000 |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | _        |
|                     |  | -              |            |                        | Typhoon Rosing                  |  | <b>  </b>  | 1995           | 30               | l day       | 500                          | 5,000,000  | 3 150,000                | <b> </b>   |           |  |  |             |                                       | ļ  | 1.   | 11             |  |        |        |        |               | T  |               |  |                                       |                   | 4        |
| ulo d'E             | <del>,,</del>  ,,,                           | -              | nob-t      | Vraught                | Flains                          |  | -  | 007.00         |                  |             |                              |  |                          | <b></b>  |           |  | ļ  |             |                                       |  |  |                | <del>                                     </del> |        |        |        |               | <del>                                     </del> |               | <del>                                     </del> |                                       | <del>- </del>     | $\dashv$ |
| uladbuca<br>equeno  | 10 (2-3                                      | GUI            | nobatan I  | Prought<br>Flood       | El nino Typhoon Loleng          | +  |  | 997-98<br>1998 |                  | 2 days      | 56<br>21                     | <del>  _   _</del> |                          | 1 1  |           |  | <del> </del>                                     | -           |                                       | <del> </del>                                     |  | -              | <del>                                     </del> |        |        |        | <del>-</del>  | <del>                                     </del> |               | <del>                                     </del> |                                       | <del> </del>      | -        |
| queno               |  | $\dashv \neg$  |            | 1000                   | Typhoon Loleng                  | <del>                                     </del> | <del>  </del> -                                  | 1998           | 82.81            | 2 days      | 21                           |  |                          | $\vdash$   |           |  |  | -           |                                       | 1  | <del> </del>                                     |                | <del></del>                                      |        |        |        |               | <del>                                     </del> |               |  |                                       | <b></b>           | ٦        |
|                     |  |                | F          | lood                   | Typhoon Rosing                  | November   |  | 1993           | 72.31            |             | 13                           |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     |  | _              |            |                        |                                 |  |  |                |                  |             |                              |  |                          |  |           |  |  |             |                                       | ļ <u></u>  |  | ,              |  |        |        |        |               |  |               |  |                                       |                   | _        |
| n Rafael            |  |                | nobatan F  | lood                   | Typhoon Loleng                  |  |  | 1998           | 46.72            | 2 days      | 125                          |  | 3 150,000                | 13   | 195,000   |  | 400.00   |             |                                       | <u> </u>   | ļ  |                |  |        |        |        |               |  |               |  |                                       | -                 | +        |
|                     | 3,4  |                | +          |                        | Typhoon Rosing Typhoon Akang    | November<br>January                              |  | 1995<br>1994   | 3.6              |             | <u>5</u>                     | 20,000<br>50,000   |                          | +-+  |           | Bridge dan   | nage = 100,000                                   | <u>'</u>    |                                       | <del> </del>                                     |  |                |  |        |        | +      | <u></u>       | <del> </del>                                     |               |  |                                       |                   | +        |
| •                   |  | ang Rh         | ver [      | ebris flow             | Typhoon Loleng                  | October  |  | 1998           |                  |             |                              | 00,000   |                          | <del>  </del>                                    |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     |  |                |            |                        |                                 |  |  |                |                  |             | i                            |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | $\Box$   |
| ndarora             | 1,2  | Gui            |            | ebris flow             | Mayon Eruption                  | October  | $\perp \perp$                                    | 1998           | 96.71            | 2 days      |                              | 1.2 M  |                          | <del>  </del>                                    |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | 4        |
|                     | <del></del>                                  | +              |            | hudflow                | Mayon Eruption                  | <del> </del>                                     | -  |                |                  |             |                              | dama ges -   | <del>- </del>            |  |           |  |  |             |                                       | ļ  | <del> </del>                                     |                |  |        |        |        |               | <del>  </del>                                    |               |  |                                       | - <del> </del>    | +        |
|                     |  | +-             |            | ava flow<br>Prought    | El Nino                         |  | 1  |                |                  |             |                              | damages -  | <del></del>              | <del></del>                                      |           |  |  |             |                                       | 1  | <del> </del>                                     |                |  |        |        |        |               | <del> </del>                                     |               |  |                                       |                   | ᅱ        |
|                     | 3-7  | Floo           |            | lood                   |                                 | October  |  | 1998           | 100.67           | 2 days      |                              | 3,850 M  |                          | 1  |           |  |  |             |                                       | <u> </u>   | <del> </del>                                     |                |  |        |        |        |               | 1  |               |  |                                       |                   |          |
| •                   |  |                |            |                        |                                 |  |  |                |                  |             |                              |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
| ravesia             | 4.Ja   | n Gui          | nobatan F  |                        | Typhoon Loleng                  | October  | ļ.,  | 1998           | 435              | 24 hrs      |                              | 80,760   |                          | 1  |           |  |  |             |                                       | ļ <u></u> .                                      | <u> </u>   |                |  |        |        |        |               | <del>  </del>                                    |               |  |                                       |                   | 4        |
|                     |  |                |            | ebris<br>lood          | Mayon Eruption Typhoon Loleng   | October  |  | 1998           | 74.5             | 24 hrs      | - rive<br>7.68               | erbanks -  |                          | ┼  |           |  |  |             |                                       |  | <del> </del>                                     |                |  |        |        |        |               | <del>  -</del>                                   |               |  |                                       | <del> </del>      | +        |
|                     |  |                | <u>r</u>   | 1004                   |                                 | October  |  | 1998           |                  | 24 hrs      | 7.08                         |  |                          | 1-   |           |  |  |             |                                       | <del>                                     </del> |  |                |  |        |        |        |               |  |               |  |                                       | +                 | +        |
|                     |  |                |            |                        | Typhoon Loleng                  |  |  |                | 37.5             |             | 3                            | 33,500   |                          |  |           |  |  |             |                                       |  | <u> </u>   |                |  |        |        |        |               |  |               |  |                                       |                   | 1        |
|                     |  | 1              |            | rought                 | El Nino                         |  |  | 1998           |                  |             | 7.2                          | 63,504   |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | 1        |
|                     |  | +              |            |                        | Typhoon Loleng                  | October  |  | 1998           | 40               | 24 hrs      | 6.38                         |  |                          | 1-1  |           |  |  |             | · · · · · · · · · · · · · · · · · · · | ļ  |  |                |  |        |        |        |               |  |               |  |                                       |                   | +        |
| rimbay              |  | Leg            |            | ebris flow             | Mayon Eruption                  | Frbruary   |  | 1997           |                  |             |                              | · · ·  |                          |  |           |  |  |             |                                       | <del> </del>                                     | <del> </del>                                     |                |  |        |        |        | <del></del> . | <del>  </del>                                    |               |  | <del>-</del>                          |                   | -+       |
| innuay              | 1,3  | Leg            |            | ludflow                |                                 | February   |  | 1993           |                  |             |                              | -  |                          | +  |           |  | <del>                                     </del> |             |                                       | <del> </del>                                     | <del>                                     </del> |                |  |        |        |        |               | <del>  </del>                                    |               | -  | · · · · · · · · · · · · · · · · · · · |                   | +        |
|                     | 1,3  | _              |            | lood                   | Typhoon Sisang                  | ( oblically                                      |  | 1987           | 87.02            | 1 days      | 10                           | 140,000  |                          |  |           |  | <u> </u>   |             |                                       | <del> </del>                                     |  |                |  |        |        |        |               |  |               |  |                                       | T                 |          |
|                     | 1,3  |                |            |                        | Typhoon Sisang                  |  |  | 1987           | 97               | 1_days      | 37.57                        | 360,000  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | $\Box$   |
|                     | 1-7  | <del>-  </del> |            |                        |                                 | October  |  | 1998           | 87.87            | 1_days      | 55                           |  |                          |  |           |  |  |             |                                       | <del> </del>                                     | ļ  |                |  |        |        |        |               |  |               |  |                                       |                   | 4        |
|                     | 1-7  |                | <u> </u> D | rought                 | Él nino                         |  |  | 1998           |                  |             | 113                          | 4,800,000  |                          | <del> </del>                                     | . ,       |  | <del>                                     </del> |             |                                       | <del> </del>                                     | <del> </del>                                     |                | <del></del>                                      |        |        |        |               |  |               |  |                                       | +                 | ᅱ        |
| gong Abr            | re 1-4                                       | l en           | azpi n     | rought                 | El Nino                         | October  | 21-72  | 1998           | 62               | 1_days      |                              |  | 6 100,000                | 22   | 250,000   |  | <del>                                     </del> | 500,000     |                                       | <del> </del>                                     | <del> </del>                                     |                | <del></del>                                      |        | -+     |        |               | <del>                                     </del> |               |  |                                       | <del></del>       | _        |
| ,, <u>.</u> ,,,,,,, |  | 1-09           |            |                        |                                 | February   |  | 1993           |                  | uuyo        |                              |  | - 100,000                |  | 200,000   |  |  | 2,0,000     |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | _        |
|                     |  |                | L:         | ava flow               | Mayon Eruption                  | February   |  | 1993           |                  |             |                              |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     |  |                | M          | udflow                 | Mayon Eruption                  | February   |  | 1993           |                  |             | 5                            | 15,000   |                          | $\bot \bot \bot$                                 |           |  |  |             |                                       |  |  | 93             |  | 1      |        |        |               | $\perp \perp$                                    |               |  |                                       |                   |          |
|                     |  | <del> </del>   |            |                        |                                 | <del> </del>                                     |  |                |                  |             |                              |  |                          | 1  |           |  |  |             |                                       | ļ  |  |                |  |        |        |        |               |  |               |  |                                       |                   | _        |
| aa                  | 1-9  | Lega           | azpi F     |                        |                                 | November<br>October                              |  | 1995           | 72<br>79         | 1_days      |                              | 6,400,000  | 1,000,000                |  | 0.055.000 | <del></del>  | <del>                                     </del> |             |                                       | <del> </del>                                     | <del> </del>                                     |                | +  |        |        |        |               | <del>  </del>                                    |               | -  |                                       | +                 | -        |
|                     | 4.7  | +-             |            |                        | Typhoon Loleng Mayon Eruption   | October  |  | 1998           | (9)              | 2           | 400                          | 0,400,000  | 500,000                  | 230  |           |  | <del> </del>                                     |             |                                       | <del> </del>                                     | <del>  -</del>                                   |                |  |        |        | -+     |               | -  |               |  |                                       |                   | _        |
|                     | 1-9  | <b></b> -      |            |                        |                                 | February   |  | 1993           |                  | <del></del> | 50                           | 750,000  | 0 1.000.000              | 192  | 2,888.000 |  |  |             |                                       | <del> </del>                                     | 1  |                |  |        |        |        |               | 20 #   | ######        | 1,000  | 1,200,000                             | +                 |          |
|                     |  |                |            |                        |                                 |  |  |                |                  |             |                              |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
| ong                 |  | Lega           | zpi Fi     | ood                    | Typhoon Sisang                  | November   |  | 1987           | 60.96            | 1 day       |                              |  | 7 140,000                |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   | _        |
|                     | 4-6  |                |            |                        |                                 | January  |  | 1994           | 60               | 1 day       | 60                           | 1,200,000  |                          |  | •         |  | igsquare   | 150,000     |                                       |  | ļ  |                |  |        |        |        |               |  |               | 50   |                                       |                   |          |
|                     | 4-6  |                |            |                        |                                 | November   |  | 1995           |                  | 1 day       |                              | <u>-</u>   |                          |  |           |  | <b></b>  |             |                                       | <u> </u>   | ļ  |                |  |        |        |        |               | <del>                                     </del> |               |  |                                       |                   | _        |
| -                   |  |                | -          |                        |                                 | October  |  | 1998           | 95               | 2 days      | 30                           |  | 4 68,000                 | 78   | 1,755,000 | -  | ļ  | <del></del> |                                       | <del> </del>                                     |  |                |  |        |        |        |               | -  |               |  | <del></del>                           | <del> </del>      |          |
|                     | Yawa   |                |            |                        |                                 | February   |  | 1993<br>1993   |                  |             |                              | 18,000,000   | 1 25,000                 | -  |           |  |  | <del></del> |                                       | <del> </del>                                     | <del>                                     </del> | 10             |  |        |        |        | -             | <del>  -</del>                                   |               |  |                                       | +                 |          |
|                     | Yawa   | river          |            |                        | Mayon Eruption  Mayon Eruption  | February   |  | 1993           |                  |             | 60                           | 18,000,000   | 1 20,000                 | +  |           |  |  |             |                                       | <del></del>                                      | <del> </del>                                     | 10             |  |        |        |        |               | <del>                                     </del> |               | -  |                                       | +                 |          |
|                     |  | +              | 101        | ought.                 | mayon Eropilon                  |  |  | 1500           |                  |             |                              |  |                          |  |           |  |  | -           |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       | 1                 |          |
| ga                  | 4-9  | Lega           | zpi FI     | ood                    | Typhoon Loleng                  | October  | 21-22  | 1998           | 35.7             | 2 days      | 6.65                         | 100,400  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     | 5-9  |                |            | va flow                |                                 |  |  |                |                  |             |                              |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     | 5-9  |                |            |                        | Mayon Eruption                  | February   |  | 1993           |                  |             |                              |  |                          |  |           |  |  |             |                                       |  |  |                |  |        |        |        |               |  |               |  |                                       |                   |          |
|                     |  | $\bot$         |            |                        |                                 |  |  |                |                  |             |                              |  |                          | <del>                                     </del> |           |  |  |             |                                       | ļ  | <u> </u>   |                |  |        |        |        |               |  |               |  |                                       |                   | _        |
| an                  | 1-6  | Lega           | zpi Fl     |                        |                                 | November   |  | 1995           | 60               | 1 day       | 100                          | 1,000,000 2  | 000,000                  | 20   | 150000    |  | ļ  |             |                                       | <u> </u>   | ļI   |                |  |        |        |        |               |  |               |  | 34,000 1<br>300,000 1                 |                   |          |
| DII                 |  |                |            | bris flow              | Mayon Eruption                  | February   |  | 1993           | 1                | I           | lone                         | 3,009,000 1  | 5 750 000                |  |           | The state of the s |  | 1           |                                       | 1  | 1  | 579            | - 1  | 17     | - 1    |        |               |  |               |  | 700 000 I 4                           | AL BOARS          | 2        |

# DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (5/8)

|                |                |            | Kind of                               | Name of                       |                     | Date           |               |              |  |  | Agricultural                            | н  | ouse Dan         |                | Line Car      | nal Properties es along the | School   | Multi  | purpose Dama                                     | ge           | No. of E   | vacuees       | Died In  |          | ualties<br>Missing                               | homeless   | Fishpo<br>Dama                                    |               | Dam  | k/Poultry        | Farmlar<br>Damage                                |             | rgy.Road<br>National |
|----------------|----------------|------------|---------------------------------------|-------------------------------|---------------------|----------------|---------------|--------------|--|--|---|--|------------------|----------------|---------------|-----------------------------|--|--|--|--------------|--|---------------|--|----------|--|--|---|---------------|--|------------------|--|-------------|----------------------|
| lo. Brgy. Name | Purok Mur      | lcipality  | Disaster                              | Disaster                      | Month               | Date           | Year          | (cm.)        | (hrs/Days  | Sea (  | Damage                                  | Totally  |                  | Partially      | Damage        | es along the<br>road (Peso) | Damage   | Barangay Hall                                    | Koad   | Day care     | (Nos)  | (Noc)         | (Nos) (I   | Nos)     | (Nos)  | (Nos)  | (ha) (f   | Peso) (       | head)  | (Peso)           |  |             | Road                 |
|                |                |            |                                       |                               |                     | -              | <b>  </b>     |              |  | (ha)   | (Peso)                                  | No. Peso   | No.              | Peso           | (Peso)        | ioad (Peso)                 | (reso)   | (reso)   | (Fesu)   | (Fesu)       | (1105)   | (1409)        | ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,          |          |  |  |   |               |  |                  |  |             |                      |
|                | J              |            | · · · · · · · · · · · · · · · · · · · |                               |                     |                |               |              | <del> </del>                                     | 44.05  | 240,000                                 | <del>                                     </del> |                  | <del> </del>   |               |                             | <del> </del>                                     |  |  |              |  |               |  | <u> </u> |  |  |   |               |  |                  |  |             |                      |
| 0 Dita         | 1-3 Leg        |            |                                       | El Nino                       |                     |                | 1997<br>1994  |              | 1_ days  |  | 240,000                                 | <del> </del>                                     |                  | <del> </del>   |               | 1                           |  |  |  | 1            |  |               |  |          |  |  |   |               |  |                  |  |             |                      |
|                | 1-3            | <u>F</u>   |                                       | Typhoon Akang Typhoon Loleng  | October             | 24 22          |               |              | 2 days   |  | 480,000                                 | 3 150.0  | 00 141           | 2,115,         | 000           |                             |  |  |  |              | 60   |               |  |          |  |  | 20  | 50,000        |  |                  |  |             |                      |
|                | 1-3            |            |                                       | 1 ypnoon Loleng               | October             | 2 1-22         | 1996          | 80,1         | 2 007  | 7  | , | 1 ,00,0  |                  |                |               |                             |  |  |  |              |  |               |  |          |  |  |   |               |  |                  |  |             |                      |
| Mabinit        | 1-7 Leg        | azni F     | lood                                  | Typhoon Loleng                | October             | 21-22          | 1998          |              |  |  |   | 6 99,0   | 00 60            | 900,           | 000           |                             |  |  |  |              |  |               |  |          |  |  |   | 6,000         | 14   | 10,800           |  |             |                      |
| o i Wabiit     | 1-7            | azpi ji    |                                       | Heavy rains                   |                     |                | 1.000         | 53.57        |  |  | 800,000                                 |  |                  |                |               |                             | <u> </u>   |  |  |              | <u> </u>   |               |  |          |  |  |   | $\rightarrow$ |  |                  |  |             |                      |
|                | 1-7            | M          |                                       |                               | February            |                | 1993          |              |  | 223  | 3.2 M                                   |  |                  |                |               |                             | 1  |  | ļ  | ļ            |  |               |  |          |  |  |   |               |  |                  |  |             |                      |
|                | 1-7            |            |                                       |                               | February            |                | 1993          |              |  | 72.3   | 1.3 M                                   |  |                  |                |               |                             |  |  | <del> </del>                                     | <u> </u>     |  |               |  |          |  |  | <del>-   -</del>                                  |               |  |                  |  |             |                      |
|                | 1-7            |            |                                       |                               | February            |                | 1993          |              |  | 230  |   |  |                  | <b> </b>       |               |                             |  | <del> </del>                                     |  | <del></del>  | 160  | -             | - 6  |          |  |  |   |               |  | <del></del>      |  |             |                      |
|                | 1-7            | D          | rought                                | El Nino                       |                     |                | 1             |              | <b></b>  | 100  | 480,000                                 | <u> </u>   |                  |                |               | <del></del>                 | <del> </del>                                     |  | <del> </del>                                     | <del> </del> | <del> </del>                                     | <del></del>   |  |          |  |  |   |               |  |                  |  |             |                      |
|                |                |            |                                       |                               |                     | <u> </u>       |               |              | <u> </u>   | <del> </del>                                     |   | <del>  </del>                                    |                  | <del> </del>   |               |                             | <del>                                     </del> |  | <del> </del>                                     | -            | 260  | 0             | 29   |          |  |  |   |               | 79   | 790,000          |  |             |                      |
| 52 Matanag     | 1,2 Leg        |            |                                       |                               | February            |                | 1993          |              | ļ  | <del> </del>                                     | <u> </u>                                | <del></del>                                      |                  |                |               |                             | +  | -  | <del>                                     </del> | <del> </del> | 260  |               | 29   |          |  |  |   |               | 79   | 790,000          |  |             |                      |
|                |                |            |                                       |                               | February            |                | 1993          |              | <del> </del>                                     |  | <del>- </del>                           | <del>  </del>                                    |                  |                |               |                             | 1  |  |  |              | 260  |               | 29   |          |  |  |   |               | 79   | 790,000          |  |             |                      |
|                |                |            |                                       |                               | February            | <del> </del>   | 1993<br>1984  |              | 1_day  | 15   | 94,000                                  |  |                  | -              |               |                             |  |  |  |              |  |               |  |          |  |  | <del>                                     </del>  |               |  |                  |  |             |                      |
|                |                | F          |                                       |                               | Janaury<br>October  | -              | 1998          |              | 2 days   |  | 110,000                                 | 10 500,  | 000 73           | 2 2,580,       | 000           |                             |  |  |  |              |  |               |  |          |  |  |   |               |  |                  |  |             |                      |
| <del> </del>   |                |            |                                       | Typhoon Loleng                | October             | <del> </del>   | 1990          | 30.72        | 2 00,0   | <del>                                     </del> | 7,0,000                                 | 1 1 1 1 1 1 1 1                                  |                  |                |               |                             |  |  |  |              | <u> </u>   |               |  |          |  |  |   |               |  |                  |  |             |                      |
| 53 Padang      | 1-5 Leg        | azpl M     | Audflow                               | Mayon Eruption                | February            | 1              | 1993          |              |  | 19   | 190,000                                 |  |                  |                |               |                             | ļ  |  |  |              | ļ.,  |               |  |          | <del>                                     </del> |  | <del>  </del>                                     |               |  |                  |  |             |                      |
| July averig    | 3-4            |            |                                       |                               | November            |                |               | 60.96        | 1 day  | 5  | 50,000                                  | 15 750,  | 000 4            | 430            | 000           |                             | ļ  |  | <del> </del>                                     |              | <del>                                     </del> |               | <del>  -</del>                                   |          | <del>                                     </del> | <del></del>                                      | <del>  -                                   </del> |               | +  | -                | $\overline{}$                                    |             |                      |
|                | 1              |            |                                       | Typhoon Akang                 |                     |                | 1994          | 60           | 1 day  | 38   |   | 17 610,  | 000              |                |               |                             |  |  |  |              | +  | +             | <del>  -</del>                                   |          | <u> </u>   | <del></del>                                      | <del>  -</del>                                    |               | 28   | 107,780          |  |             |                      |
|                | 1-5            |            |                                       |                               | October             | 21-22          | 1998          | 65           | 1 day  | 30   |   |  | 000 16           | 7 1,670        | 000           |                             |  |  | +  |              | <del> </del>                                     |               | <del>                                     </del> |          |  |  |   |               |  |                  |  |             |                      |
|                | 4              |            | Drought                               |                               |                     | ļ              | 1997          |              | -  | 5  |   |  |                  | +              |               | <del> </del>                | <del> </del>                                     |  | 1  |              | <del>                                     </del> | <del> </del>  |  |          |  |  |   |               |  |                  |  |             |                      |
| 54 Brgy. 16    | 2-4 Leg        | azpi F     |                                       |                               | November            | <del>`</del> - | 1987          |              | 1_day  |  | 120,000                                 | 2 120,   | 200              | +              | $\overline{}$ |                             |  |  | 1  |              |  |               |  |          |  |  |   |               |  |                  |  |             |                      |
|                |                |            |                                       | Typhoon Akang                 | January             | -              | 1994<br>1995  |              | 1_day<br>1_day                                   |  |   | 120,   | <del>~~</del>    | <del> </del>   |               |                             |  |  |  |              |  |               |  |          |  |  |   |               |  |                  | <del></del>                                      |             |                      |
|                | <del> </del>   |            |                                       | Typhoon Rosing Typhoon Loleng | November<br>October |                | 1995          |              | 1_day  |  |   | <del>                                     </del> | _                |                |               |                             |  |  |  |              |  |               |  |          |  |  |   | ļ             |  |                  |  |             |                      |
|                |                | -          |                                       | i ypnoon Loleng               | October             | 121-22         | 1996          | 73.00        | '_uay  |  |   |  |                  |                |               |                             |  |  | <u> </u>   |              | <del> </del>                                     |               | <del>  -</del>                                   |          | <del> </del>                                     |  | <del>                                     </del>  |               | -  |                  | <del></del>                                      |             |                      |
| 55 Pawa        | 13100          | azpi F     | lood                                  | Typhoon Loleng                | October             | 21-22          | 1998          | 77,21        | 1_day  | s 190  | 1,900,000                               | 7 350,   | 000 5            | 2 780          | 000           |                             | -  |  | <del> </del>                                     |              | <del> </del>                                     |               | <del>  </del> -                                  |          | <del> </del>                                     | ļ  | <del>                                     </del>  |               |  |                  | <del></del>                                      | -+          |                      |
|                | Yawa river     |            |                                       | Heavy rains                   |                     |                | 1971          |              |  |  |   |  |                  | 1              |               |                             |  |  | 1  | -            | +  |               | <del>  -  </del>                                 |          | -  | <del> </del>                                     | +-+   |               |  |                  |  |             |                      |
|                | 1,2,6 Dro      |            |                                       |                               |                     |                |               |              |  | 220  | 600,000                                 | <del>   </del>                                   |                  | +              |               |                             | +  |  | <del> </del>                                     | <del></del>  |  |               | +  |          | <del>                                     </del> | 1  | 1 -   |               |  |                  |  |             |                      |
|                |                |            |                                       |                               |                     |                | 1             |              |  |  |   |  |                  | 7,000          | 000           |                             | <del>                                     </del> |  |  |              | 7  | 70            | 1  |          | <u> </u>   |  | 1   |               |  |                  |  |             |                      |
| 56 Rawis       | 2,3,4 Leg      | azpi F     | lood                                  | Typhoon Loleng                | October             | 21-22          | 1998          | 82           | 1_day  | s  | ļ                                       | 5 250,   | 000 140          | 7,000          | ,000          | <del></del>                 |  |  | <del>                                     </del> | -            |  | 1             |  |          |  |  |   |               |  |                  |  |             |                      |
|                |                |            |                                       |                               |                     |                | 4007          | ļ            |  |  | 3 540,000                               | <del>                                     </del> | _                |                |               |                             |  |  |  |              |  |               |  |          |  |  |   |               |  |                  |  |             |                      |
| 57 San Joaquin | 1-5 Leg        | azpi D     |                                       | El nino                       | January             | +              | 1997<br>1994  |              | 1_day  | 8:<br>s 1:                                       | 176 000                                 | 1 1  |                  | 1              |               |                             |  |  |  |              |  |               | 1  |          |  |  | <del>  -</del>                                    |               | <u> </u>   |                  | <del>  -</del>                                   |             |                      |
|                | + -            | F          |                                       | Typhoon Akang Typhoon Rosing  | November 1          | 1_3            |               |              | 1_day  |  | 4 864,000                               | 231 3,465,                                       | 000 1            | 2 600          | ,000          |                             |  |  | 1  | _            | 21   |               | 1  |          | <del> </del>                                     | -  | +   |               | 227<br>55  | 256,000<br>3,000 |  |             |                      |
|                | <del></del>    |            |                                       | Typhoon Loleng                | October             | 21-22          | 1998          | 77.1         | 1 day  |  | 2 304,000                               | 3 150,   | 000 7            | 8 1,170        | 000           |                             |  |  |  |              | 4  | 14            | <del>                                     </del> |          | <del> </del>                                     | <u> </u>   | +   |               | 55   | 3,000            | <del>  -</del>                                   |             |                      |
|                |                |            |                                       |                               |                     |                |               |              |  |  |   |  | _                |                |               |                             |  |  |  |              | <del></del>                                      | 33            | +  |          | <del> </del>                                     |  | +   |               | <del>                                     </del> |                  |  |             |                      |
| -58 Tamaoyan   | 2-4 Leg        | azpl F     | lood                                  | Typhoon Loleng                | October             | 21-22          | 1998          | 23.5         | 2 day  | s 1.5  | 127,000                                 | 20 1,000,  | 000              | <del> </del> - |               |                             | <del>- </del>                                    |  |  |              |  | 33            | +  |          | <del> </del>                                     | <del> </del>                                     | +   |               |  |                  |  |             |                      |
|                | Along the riv  |            |                                       | Heavy rains                   |                     |                |               |              |  |  |   | <del>                                     </del> |                  |                |               |                             | <del> </del>                                     |  | <del> </del>                                     | <del></del>  |  | <del>- </del> | <del>  -</del>                                   |          |  | -  | T   |               |  |                  |  |             |                      |
|                | <u> </u>       |            | Drought                               | El Nino                       |                     |                | 1998          |              | - <del> </del>                                   | 1:   | 211,000                                 | +  |                  |                |               | -  -                        |  | <del>                                     </del> |  |              |  |               |  |          |  |  |   |               |  |                  | 4  |             |                      |
|                | <del>-  </del> |            |                                       |                               | ļ <u> </u>          |                |               |              | -  | A  | 0 1,000,000                             | <del>   </del>                                   | 10               | 0 200          | .000          |                             |  |  |  |              |  |               |  |          |  | ļ  |   |               |  |                  | <del>                                     </del> |             | 4.000 (              |
| 59 Amtic       | Liga           |            |                                       | Mayon Eruption Typhoon Loleng | October             | 21-22          | 1998          | 36.3         | 1 da   |  | 5,000,000                               | 11 550,  |                  |                |               |                             |  |  |  |              |  |               |  |          | <del>\</del>                                     | ļ  |   |               | <del>  </del>                                    |                  | <del> </del>                                     | <del></del> | 1,000,0              |
| <del></del>    | +              |            | 1000                                  | TyphoonLoleng                 | October             |                |               |              |  | 1  |   | 1 1  |                  |                |               |                             |  |  |  |              |  |               | <del>                                     </del> |          | <del> </del>                                     | <del> </del>                                     |   |               | <del>  </del> -                                  |                  | <del>                                     </del> |             |                      |
| 60 Flood       | Liga           | 10 F       | lood                                  | Typhoon Loleng                | October             |                | 1998          | 152.45       | 2 day  | s 40   | 0 2,000,000                             | 80 400   | 000              |                |               |                             | <del> </del>                                     | <del> </del>                                     |  |              |  |               | +  |          |  | <del> </del>                                     | +   |               | 100  | 5,000            |  |             |                      |
|                |                |            |                                       | Mayon Eruption                |                     |                |               |              |  |  | y 1,500,000                             | 45 2,250,  | 000 10           | 0 300          | ,000          |                             |  |  | <del></del>                                      |              |  |               | 1  |          |  |  |   |               |  |                  |  |             |                      |
|                |                | L          |                                       | Mayon Eruption                |                     |                | 1993          |              | <del></del>                                      | o casualties                                     |   | <del>                                     </del> |                  | <del> </del>   |               |                             |  |  |  |              |  |               | 1  |          |  |  |   |               |  |                  |  |             |                      |
|                | $\perp$        |            |                                       |                               | February            |                | 1993          |              |  | o casualties                                     |   | <del> </del>                                     |                  |                |               |                             |  |  |  |              |  |               |  |          |  |  |   |               |  |                  | <del></del>                                      |             |                      |
|                |                | N          | Audflow                               | Mayon Eruption                | February            | -              | 1993          | ļ            | <u>-n</u>  | o casuatties                                     | anecteu-                                | <del>                                     </del> |                  |                |               |                             |  |  |  |              |  |               |  |          |  | <u> </u>   |   |               | <del>  </del>                                    |                  | +  |             |                      |
| C4   D         | Liga           |            | lood                                  | Typhoon Rosing                | November            | .              | 1995          | 73           | 3 1 da   | v  | 1                                       | 4 100  | 000 2            | 0 200          | ,000          |                             |  |  |  |              |  | 80            | <del>  </del>                                    |          | <b></b>  | <b>_</b>   |   |               |  |                  | +  |             |                      |
| 61 Basag       | Liga           |            | Audflow                               | Typhoon Rosing                | February            |                | 1993          |              |  | 1  | 1                                       |  |                  |                |               |                             |  |  |  |              |  |               | <del></del>                                      |          |  |  | +   |               | <del>   </del>                                   |                  | +  |             |                      |
|                | 1              |            | lood                                  | Typhoon Loleng                | October             | $\perp$        | 1998          |              | 1_day  | s  |   | 4 200  | 000 4            | 0 400          | ,000          |                             |  | -  | <del> </del>                                     |              |  |               | +  |          | 1  | <del> </del>                                     | ++  |               | ┼  |                  | +  |             |                      |
|                | 1              |            |                                       |                               | November            |                | 1995          |              | -n   | o casuatties                                     |   | <del>   </del>                                   |                  | <del> </del>   |               |                             |  | <del> </del>                                     | <del> </del>                                     |              |  |               | ++   |          | -  | 1  | <del>-  -</del>                                   |               | † †  |                  |  |             |                      |
|                |                |            |                                       |                               | February            |                | 1993          |              |  | o casualties                                     |   | <del>    -     -   -   -   -   -   -   -</del>   |                  |                |               | -                           |  | <del> </del>                                     | +  | <del> </del> | _  | -             | <del> </del>                                     |          | 1  | 1  | <del>  -</del>                                    |               |  |                  |  |             |                      |
|                |                |            | Debris flow                           |                               | November            | -              | 1995          |              |  | o casualties                                     |   |  | <del>,  </del>   |                |               |                             |  | <del> </del>                                     | +  | <del> </del> | <del></del>                                      |               |  |          |  |  |   |               |  |                  | <del>                                     </del> |             |                      |
|                |                | <u> </u> L | andslide                              |                               | <del> </del>        |                |               | <del> </del> | <del>  -n</del>                                  | o casualties                                     | attected-                               | <del>  </del>                                    |                  |                | <del> </del>  |                             |  |  |  |              |  |               |  |          |  |  |   |               | $oxed{oxed}$                                     |                  |  | <del></del> |                      |
|                | 1              |            |                                       |                               | F . b               |                | 4000          |              | <del> </del>                                     |  | lisay river                             | +  |                  | _              |               |                             |  |  |  |              |  |               |  |          |  |  | -  -  |               | 4  |                  | ++-  |             |                      |
| 32 Binanuahan  | Liga           |            |                                       | Mayon Eruption                | February            |                | 1993<br>1993  |              | <del>                                     </del> |  | ilisay river                            | 1-1-   |                  |                |               |                             |  |  |  |              |  |               |  |          |  |  |   |               | 1  |                  | +  | <del></del> |                      |
|                | + + -          | <u>P</u>   |                                       | Mayon Eruption Typhoon Loleng | February<br>October |                | 1998          |              | 2 day  |  | 7 100,000                               | 120 6,000  | 00Ò 3            | 5 625          | ,000          |                             |  |  | <u>  </u>  |              | <b>_</b>   |               |  |          |  |  | 300   | 300,000       | 10   | 20,000           | +  |             |                      |
| <del> </del>   | +              |            |                                       | . , priodii Loierig           | Colober             | 1              | ,,,,,,        | 1            |  |  |   |  |                  |                |               |                             |  | <del> </del>                                     |  |              |  |               | +  |          |  | -  |   |               | +  | <del></del>      | ++   |             |                      |
| 3 Nabonton     | Liga           | 10         | avaflow                               | Mayon Eruption                | <u> </u>            | $\top$         |               |              |  |  | 5 80,000                                |  |                  |                |               |                             |  |  |  |              |  |               | <del></del>                                      |          | <del> </del>                                     |  | +   |               | +-+  |                  | +  |             |                      |
| THERESIDE      | Lige           |            | lood                                  |                               | October             |                | 1998          | 88           | 2 day  | s  | 7 112,000                               | 5 250  | 000 3            | 10 450         | ,000          |                             |  | <del> </del>                                     |  |              | +  |               | <del>-  </del>                                   |          | <del> </del>                                     |  | +   |               | +  |                  | 1  |             |                      |
|                | 1-1-           |            |                                       |                               |                     |                |               |              |  | J  | <u> </u>                                | <del>  </del>                                    |                  |                |               |                             |  | <del> </del>                                     | <del></del>                                      |              |  | 54            | ++   |          |  | 1  | +-+   |               | 1  |                  |  |             |                      |
| i4 Nasisi      | Liga           | 10F        | lood                                  | Typhoon Loleng                | October             |                | 1998          | 75           | 1_day  |  | 1                                       | 8 400  | 000 5            | 750            | ,000          |                             |  | <del> </del>                                     | <del></del>                                      |              | <del></del>                                      | <del></del>   | +  |          | 1 -  | 1  | 1   |               |  |                  |  |             |                      |
|                |                |            |                                       | Mayon Eruptions               | <u> </u>            |                |               |              |  | no damage  |   | <del> - </del>                                   |                  | <del></del>    |               |                             |  | +  | +  | _            |  |               |  |          | 1  |  | 1 1   |               |  |                  |  |             | ļ                    |
|                |                | L          | andslide                              | Mayon Eruptions               | February            | $\bot$         | 1993          |              | <del> </del>                                     | no damage  | reported                                | <del> - </del>                                   |                  | +              |               |                             |  |  |  | -            | <del> </del>                                     |               | <del>                                     </del> |          | <u> </u>   |  |   |               |  |                  |  |             | <u> </u>             |
|                |                |            |                                       |                               | ļ                   | +              |               | <del> </del> | <b></b>  |  |   | ++   |                  |                |               | <del></del>                 | -  | <del>                                     </del> |  |              |  |               |  |          |  |  |   |               |  |                  |  |             |                      |
| 5 Tambo        | Liga           |            |                                       |                               | October             |                | 1998          |              | <del>- </del>                                    | no damege  |   | <del>.   -    </del>                             | <del></del>      | 5 225          | ,000          |                             |  | 1  |  |              |  | 30            |  |          |  |  |   |               |  |                  | +  |             |                      |
|                |                |            |                                       | Typhoon Loleng                | October             | +              | 1998          |              |  |  | 0 3,000,000                             | <del>' - -</del>                                 | <del></del>      | ~ ~~           | .,555         |                             |  |  |  |              |  |               |  |          | 1  |  |   |               | <b> </b>   | ļ                | 4  |             |                      |
| <u> </u>       | 4              | P          | yroclastic flow                       |                               |                     | _              | <del>  </del> |              | <del> </del>                                     | no damage  | iehorrea                                | <del></del>                                      |                  |                |               |                             |  |  |  |              |  |               |  | ,        |  |  |   |               | 4  |                  | +  |             | <del></del>          |
|                | <del>  </del>  |            |                                       | <u></u>                       |                     | +-             | 4000          |              | 2 1 da   |  | +                                       | 5 250  | 000 75           | % 1,500        | ,000          |                             |  |  |  |              |  |               |  |          |  | ļ  |   |               |  | ļ                | +  |             | -                    |
| 6 Tinago       | Liga           |            |                                       |                               | October             | +              | 1998<br>1993  |              | ı da   |  | 5 400,000                               |  | <del>  '</del> * | 7              |               |                             |  |  |  |              |  | _             | $\perp$  |          | 1  |  |   |               | +  | <del></del>      | +  |             | +                    |
|                |                | A          | shfall                                | Mayon Eruption                | <del> </del>        |                | 1993          | <del> </del> | <del> </del>                                     | <del>                                     </del> | 400,000                                 | <del>                                     </del> | -                | 1              |               |                             |  |  |  |              |  |               |  |          |  | <u> </u>   |   |               | +-   | <u> </u>         | ++   |             | +                    |
|                | 1 1            |            |                                       |                               | Na '-               | +              | 1005          | <del> </del> | <del>                                     </del> | long the riv                                     | er banks-                               |  | <u> </u>         |                |               |                             |  |  |  |              |  |               | $\bot$   |          | -  | ļ  |   |               |  |                  | +  |             | +                    |
|                |                | 1-         | lood                                  | Typhoon Rosing                | November            |                | 1995          | <del> </del> |  | along the riv                                    | er banks-                               | <del>                                     </del> |                  | 0 1,000        | 0,000         |                             |  |  |  |              |  |               |  |          |  |  |   |               |  |                  | +-+  |             | +                    |
| 67 Bibitayan   | Mali           | ilipot F   |                                       |                               | Cake                |                |               |              |  |  |   |  |                  |                |               |                             | 20,000   | 1  | 1  | 1            | 1  | 1             | 1 1  |          | 1  | 1  |   |               |  | 1                | 1 1  |             |                      |
|                | Mali           |            | lood                                  |                               | February            |                | 1000          | <del> </del> | <del> </del>                                     |  | 0 33 790                                | 42 63  | 000 38           | 0 1,520        | 000           |                             | 30,000   |  |  |              |  |               | _  |          | ——   |  | +-  |               | +  |                  |  |             |                      |
|                | Mali           | F          | lood                                  | Typhoon Loleng                |                     | 21-22          | 1998          |              |  |  | 0 33,790                                | 42 63  | 000 38           | 1,520          | 0,000         |                             | 30,000   |  |  |              | 4  | 141           |  |          |  | <del>                                     </del> |   |               |  |                  |  |             | -                    |

# DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (6/8)

| $\overline{}$                    |             | -  | 1             | Kind of                  | Name of                        |                     | Date   |                      | Depth  | Duration   | Affected       | Agricultural                            |  | House       | Damage |                      | anal Properties |  |  | purpose Dama                                     | ge   | No. of Evacuee: | :            |  | sualties       |             | Fishpon  |             | stock/Poultry                                    |                | Brgy.Roa        |
|----------------------------------|-------------|--|---------------|--------------------------|--------------------------------|---------------------|--|----------------------|--|--|----------------|---|--|-------------|--------|----------------------|-----------------|--|--|--|--|-----------------|--------------|--|----------------|-------------|--|-------------|--|----------------|-----------------|
| No. B                            | rgy. Name   | Purok  | Municipality  |                          | Disaster                       | Month               | Date   | Year                 | (cm.)  | (hrs/Days)                                       | Area           | Damage                                  | Tot  | ally        | Part   | ally Dam             | ges along the   | Damage   | Barangay Hall                                    |  | Day care   | Families Perso  | n Died       | Injured  | Missing        | homeless    | Damage   |             | Damage   | Damages (Dage) | Nationa<br>Road |
|                                  |             |  |               |                          |                                | <b>_</b>            | <u> </u>   |                      |  | ļļ.  | (ha)           | (Peso)                                  | No.  | Peso        | No.    | Peso (Pe             | o) road (Peso   | ) (Peso)   | (Peso)   | (Peso)   | (Peso)   | (Nos) (Nos      | ) (Nos)      | (Nos)  | (Nos)          | (Nos)       | (ha) (Pe   | :so) (nead  | ) (Peso)   | (ha) (Peso)    | Road            |
|                                  |             |  |               |                          |                                | ļ                   |  |                      |  |  |                |   |  |             |        |                      |                 | 1  | <del> </del>                                     |  |  |                 |              |  | 1              |             |  |             | +  |                |                 |
| E-68 Calb                        | ayog        |  | Malilipot     | Pyroclastic flow         |                                |                     | -}   | 4000                 | <del></del>                                      | <del>↓</del> +                                   | 420            | 6,720,000                               | _  | 400.000     |        | 575.000              |                 |  | <del>                                     </del> | <del> </del> -                                   |  | 5               |              |  |                |             |  | 1           | 8 127,000  |                |                 |
|                                  |             |  | <del> </del>  | Debris flow              |                                | February            | 1  | 1993                 | -  | -  | 420            | 6,720,000                               | 8 4  | 400,000     | 105    | 1,575,000            |                 |  | -  | <del> </del>                                     | <del>                                     </del> | <u>-</u>        | 1            |  |                |             |  |             |  | ·              |                 |
| -                                |             |  |               | Lava flow<br>Lansdslide  |                                | February            | 1  | 1993                 |  | <del> </del>                                     |                |   |  | <del></del> |        |                      |                 | <del>                                     </del> | <del> </del>                                     |  |  |                 |              |  |                |             |  |             |  |                |                 |
| -                                |             |  |               | Flood                    | Typhoon Rosing                 | November            |  |                      |  | 1 days   | 750.00         | 13,000,000                              | 8 4  | 400,000     | 108    | 1,620,000            |                 | 1  |  |  |  |                 |              |  |                |             |  | 113         |  |                |                 |
|                                  |             | +  |               | Flood                    | Typhoon Loleng                 | October             |  |                      |  | <del>  - '  </del>                               | 500.00         |   |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             | 3 45,000   |                | <del></del>     |
|                                  |             |  |               | 1000                     | Typhoon Loiding                | 1 000000            | <del> </del>                                     |                      |  | 1  |                |   |  |             |        | · ·                  |                 |  |  |  |  |                 |              |  |                |             |  |             | <del></del>                                      |                |                 |
| E-69 Cana                        | awav        |  | Malilipot     | Pyroclastic flow         |                                |                     |  |                      |  |  |                |   |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             | -  |                |                 |
|                                  |             |  |               | Mudflow                  | Mayon Eruption                 |                     |  |                      |  | No da  | ata data av    | /allable-                               |  |             |        |                      |                 |  |  |  |  |                 |              | <u> </u>   |                |             | <del></del>                                      |             | +  | <del></del>    |                 |
|                                  |             |  |               | Debris flow              | Mayon Eruption                 |                     |  |                      |  |  | ata data av    |   |  |             |        |                      |                 |  | ļ  | ļ  |  |                 |              | ļ  |                |             |  |             | +  |                |                 |
|                                  |             |  |               | Flood                    | Typhoon Loleng                 | October             | 21-22  | 1998                 | 78   | 1 days   | 73             | 1,168,000                               | 15 7   | 750,000     | 402    | 030,000              |                 |  |  |  |  | ··              |              | -  |                |             |  |             | +  |                | <del> </del>    |
|                                  |             |  |               |                          | ļ                              | ļ                   | 1  |                      |  |  |                |   |  |             |        |                      |                 |  | <u> </u>   |  |  |                 |              | <del> </del>                                     | <del>  </del>  |             |  |             | +  |                |                 |
| E-70 Pobl                        | acion       | 1-3  | Malilipot     | Flood                    | Typhoon Loleng                 | October             | 21-22  | 1998                 | 67   | 1 days   |                |   | 3  | 150,000     | 141    | 200,000              | <del></del>     |  | <del> </del> -                                   |  |  |                 | -            | <del> </del>                                     |                |             |  |             |  |                |                 |
|                                  |             | 4.7  | 1 A A - 125 A | Datais flam              | Mayon Expetion                 | February            | +  | 1998                 |  | <del>  </del>                                    | 54.0           | 864,000                                 | 10 4   | 500,000     |        |                      |                 | <del> </del>                                     |  |  |  |                 |              | T  |                |             |  |             |  |                |                 |
| E-71 San                         | Francisco   | 1-7  | Malitipot     | Mudflow                  | Mayon Eruption Mayon Eruption  | February            |  | 1998                 |  | <del>  -</del>                                   | 54.0           |   |  |             |        |                      |                 | <del> </del>                                     |  |  |  |                 | <u> </u>     |  |                |             |  |             |  |                |                 |
|                                  |             |  |               | Flood                    | Typhoon Loleng                 | October             |  |                      |  | 1 day  | 04.0           |   |  | 135,000     | 111    | 250,000              |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
|                                  |             |  |               | Drought                  | El Nino                        |                     | 1  | 1998                 |  |  |                |   |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             | $\vdash$   |             |  |                |                 |
|                                  |             |  | i             |                          |                                |                     |  |                      |  |  |                |   |  |             |        |                      |                 |  |  |  |  |                 |              |  | ļ <u> </u>     |             | <del> </del>                                     |             | +  |                |                 |
| E-72 San                         | Isidro      | 1-6  | Malilipot     | Flood                    |                                | October             | 21-22  | 1998                 | 91.44  | 2 days   |                |   | 33 8   | 825,000     |        |                      |                 | 25,000   | 15,000   | ļ  |  |                 |              | <b></b>  |                |             |  |             | +  | <del></del>    |                 |
|                                  |             |  |               |                          | Mayon Eruption                 |                     | 4—]  |                      |  | No   | data avai      | able-                                   | _  |             |        |                      |                 |  | ļ  |  | -  |                 |              |  |                |             |  | <del></del> | +  |                | <del></del>     |
|                                  |             |  | <u> </u>      | Lavaflow                 |                                | ļ                   | 4  | ļi                   | ļ  | <b> </b>   |                | <u> </u>                                | <del></del>                                      |             |        |                      |                 |  |  | <del> </del>                                     |  |                 |              | +  | <del>  </del>  |             |  |             | +  |                | +               |
|                                  |             |  | <u> </u>      |                          |                                | 1                   |  |                      |  | <del>   </del>                                   |                |   | L  |             |        |                      |                 |  | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     |                 | <del> </del> | <del> </del>                                     |                |             | $\overline{}$                                    |             | <del>                                     </del> |                |                 |
| E-73 Sani                        |             | 1-6  | Malilipot     |                          |                                | November            |  |                      |  | 1 day  |                | ata available-<br>6,344,000             | 20 4   | 100 000     | 510    | 915,000              |                 | <del>                                     </del> | <del> 7</del>                                    | <del> </del>                                     | <del>                                     </del> | 48              |              | 1  | <del>  </del>  |             |  | 3(          | 0 75,000   |                |                 |
| (Iray:                           | a)          |  | <del> </del>  | Flood                    | Typhoon Loleng                 | October             | 21-22  | 1998                 | 74   | 2 days   | 390            | 0,344,000                               | 22 1.  | 100,000     | 010    | 310,000              |                 | -  | <del>                                     </del> | 1  |  |                 |              |  | 1              |             |  |             |  |                |                 |
| E-74 San                         | loce        | 2.4  | Mallipot      | Mudflow                  | Mayon Eruption                 | February            | +  | 1993                 | <del>                                     </del> | <del>  </del>                                    | 20             | 320,000                                 | <del></del>                                      |             | -   -  |                      |                 | 1  | <del>                                     </del> | <del> </del>                                     |  |                 |              |  |                |             |  |             |  |                |                 |
| C-/4 San                         | J026        | - <del>- 2-4</del>                               | wampot        | Debris flow              | Mayon Eruption                 | February            |  | 1993                 |  | <del> </del>                                     | 20             |   |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             | _  |                |                 |
| <del> </del>                     |             |  | <del> </del>  | Landslide                | Typhoon Loleng                 | October             | 21-22  |                      |  |  |                | ata available-                          |  |             |        |                      |                 |  |  |  |  |                 |              | 1  |                |             |  |             |  |                |                 |
|                                  |             |  |               |                          | Typhoon Loleng                 | October             |  | 1998                 |  | 2 days   |                |   | 100 5,0  | 000,000     | 350    | ,250,000             |                 |  | ļ  | ļ  |  |                 |              | +  |                |             |  | 1           | 5,000  |                |                 |
|                                  |             |  |               |                          |                                |                     |  |                      |  |  |                |   |  |             |        |                      |                 |  | ļ  | <b></b>  | ļ  |                 |              | +  |                |             | <del></del>                                      |             | +  |                |                 |
| E-75 San                         | Roque       | 1-6  | Malilipot     | Flood                    | Typhoon Akang                  | Janaury             |  | 1994                 |  | 1 day  | 17.5           |   |  |             |        |                      |                 |  | ļ  | ļ  |  | 1               |              | +  | <del>  </del>  |             | <del>                                     </del> |             | +  |                | <del> </del>    |
|                                  |             |  | ļ             | Flood                    | Typhoon Rosing                 | November            |  |                      |  | 1_days   | 30             |   |  |             |        |                      | _               |  | <del> </del>                                     | <del> </del>                                     | 1  |                 |              | +  | <del>  </del>  |             | <del></del>                                      |             | 2 10,000   |                |                 |
|                                  |             |  | <u> </u>      |                          | Typhoon Loleng                 | October             |  |                      |  | 2 days   | 59<br>No. d    | 944,000<br>ata available-               | 40 2,0   | 000,000     | 124    | ,860,000             |                 | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | <del> </del> -                                   |                 |              | -  |                |             |  |             |  |                |                 |
|                                  |             |  | <del> </del>  | Landslide                | Typhoon Loleng                 | October             |  | 1998<br>1998         |  | <del> </del>                                     |                | lata available-<br>lata available-      |  |             |        | <del></del>          |                 | -  | <del>                                     </del> | <del> </del>                                     |  |                 |              |  |                |             |  |             |  |                |                 |
|                                  |             |  | 1             | Debris flow              | Typhoon Loleng                 | October             | 21-22  | 1998                 |  |  | 140 C          | ula avallable-                          |  |             |        |                      |                 |  |  |  | i  |                 |              |  |                |             |  |             |  |                |                 |
| E-76 Sta.                        | Cruz        | 1_4  | Malilinot     | Pycloclastic flow        |                                | <del> </del>        | -  |                      | <b>.</b>   | <del> </del>                                     |                |   |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
| L-10 Sta.                        | J1 U2       | - ' <del></del>                                  | maniput       | Lava Flow                | Mayon Eruption                 | February            |  | 1993                 |  |  | 5              |   |  |             | 37     | ,050,000             |                 |  |  |  |  |                 |              | ļ <u> </u>                                       |                |             | <del></del>                                      |             | 40,000   |                |                 |
|                                  |             | 1  |               |                          | Mayon Eruption                 | February            |  | 1993                 |  |  | 5              | 50,000                                  | 37 1,8   | 850,000     | 37     | ,050,000             |                 |  | ļ  |  | ļ  |                 | _            |  |                |             | <del></del>                                      | - 4         |  | <del></del>    |                 |
|                                  |             |  |               |                          | Typhoon Rosing                 | November            |  | 1995                 |  | 1_days   | 5              | 25,000                                  | 25 1,2   | 250,000     | 50     | 750,000              |                 |  |  | 1  | ļ  |                 |              | <del> </del>                                     | <del>  </del>  |             | <del></del>                                      | 5           |  | -+-            | <del></del>     |
|                                  |             |  |               |                          | Typhoon Loleng                 | October             | 21-22  | 1998                 | 85   | 2 days   | 5              | 50,000                                  | 47 2,3   | 360,000     | 222    | 3,330,000            |                 |  | ļ  | ļ  |  |                 |              | <del> </del>                                     | <del>   </del> |             | <del>                                     </del> | 10          | 200,000  |                |                 |
|                                  |             |  | ļ             |                          |                                | 1                   | 1  |                      | <b> </b>   | <del> </del>                                     |                |   | <del></del>  _                                   |             |        | 540.000              |                 |  | <del>                                     </del> | <del> </del>                                     | <del> </del>                                     | 27              |              | -  | +              |             | -  |             | 30 13,000  |                |                 |
| E-77 Awai                        | ng          | 1-3  | Malinao       | Flood                    | Typhoon Rosing                 | November            |  | 1995                 | 88   | 1_days   | 50<br>50       |   |  |             |        | 510,000<br>510,000   |                 | -  |  |  | <del>                                     </del> | 21              |              | 1  |                |             | <del></del>                                      | <del></del> | - 10,000   |                |                 |
|                                  |             | <del> </del>                                     |               |                          | Typhoon Loleng                 | October             | 21-22  | 1998                 | 85   | 2 days   |                | 1,000,000  <br>lata available-          | 14   | 700,000     | 34     | 010,000              |                 |  |  | <del>                                     </del> | 1  |                 | -            | 1  |                |             |  |             |  |                |                 |
| <del></del>                      |             | 1-3  | <del> </del>  | Landslide<br>Debris flow | Mayon Eruption Mayon Eruption  | February            | +  | 1993                 |  | <del>                                     </del> |                | 1,000,000                               | _  |             |        |                      |                 | <del> </del>                                     | <u> </u>   | 1  |  |                 |              |  |                |             |  | 8           | 13,000   |                |                 |
|                                  |             | 1-3  | ļ             | Deblis flow              | IMAYOTI ETUPLION               | - entuary           | †  | 1223                 | <del> </del>                                     | <del>  </del>                                    |                | .,000,000                               |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
| E-78 Bala                        | dina        | 1-9  | Malinao       | Flood                    | Typhoon Loleng                 | October             | 21-22  | 1998                 | 94.46  | 2 days   |                |   | 131  | 500,000     | 269    | 250,000              |                 |  |  |  |  |                 |              | ļ  |                |             |  |             | 5 5,000  |                |                 |
| u   Dala                         |             | 1-3  | N.S.III PAY   | Flood                    |                                | November            |  | 1995                 |  |  | -no dama       | ges recorded-                           |  |             |        |                      |                 |  |  |  |  |                 |              | ļ  | ļ              |             |  |             | +  |                |                 |
|                                  |             |  |               |                          |                                |                     |  |                      |  |  |                |   |  |             |        |                      |                 |  |  | ļ  |  |                 |              | <del></del>                                      | ļI             |             |  |             | 1 2 22 22  |                | _               |
| E-79 Baiz                        | a           | 1-9  | Malinao       | Flood                    | Typhoon Akang                  | January             |  | 1994                 |  | 1_days   | 256            | 3,840,000                               | 75 3,  | 750,000     | 180    | 270,000              |                 | 600,000  | ļ  |  | ļ  |                 |              | <del> </del>                                     | +              |             | <del></del>                                      | <del></del> | 74 3,172,000                                     | <del></del>    | -               |
|                                  |             |  |               |                          | Typhoon Rosing                 | November            |  |                      |  | 1 days   | 256            | 3,840,000                               | 85 3,0   | 000,000     |        |                      |                 | 600 505  | <u> </u>   | <del> </del>                                     | <u> </u>   |                 |              | <del>                                     </del> | <del>  </del>  | <del></del> | <del></del>                                      |             | +  |                |                 |
|                                  |             | _  |               |                          | Typhoon Loleng                 | October             | 21-22  | 1998                 | 82   | 2 days   | 2.91           | 4,656,000                               | 85 4,2   | 250,000     |        |                      | -               | 600,000  |  |  | +  |                 |              | <del> </del>                                     |                |             | <del> </del>                                     | -           | +  |                |                 |
|                                  |             | <del></del>                                      | <del> </del>  | <u></u>                  |                                | 04-1-               | 04.00  | 4000                 | <del> </del>                                     | +  |                |   | 15 .   | 750 000     | 85%    | 125 000              | 15.00           | ,  |  | <del> </del>                                     | +  |                 |              | 1  | +              |             |  |             |  |                |                 |
| E-80 Bura                        | abod        | 1,3  | Malinao       | Flood                    | Typhoon Loleng                 | October<br>February |  | 1998<br>1993         |  | +  | •no det        | a recorded-                             | -13  | , 50,000    | 0070   | -,120,000            | 10,00           | <del>-   </del>                                  | +  | †  | T  | <del></del>     |              |  |                |             |  |             |  |                |                 |
| <del></del>                      | -           | <del>                                     </del> | +             | Mudflow                  | Mayon Eruption Mayon Eruption  | February            |  | 1993                 |  | 1 - 1  |                | a recorded-                             |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
| <del></del>                      | <del></del> |  | +             | widundw                  | Mayori El uplion               | Lourday             | <del>                                     </del> | 1333                 | <del> </del>                                     | 1  | no dat         |   |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
| E-81 Cabi                        | unturan     | 12   | Malinao       | Flood                    | Typhoon Akang                  | January             | 1  | 1994                 | 82   | 1 day  | 10             | 500,000                                 |  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             | _  |                |                 |
| - U Cabi                         |             | - <del> </del>                                   | 1             |                          | Typhoon Rosing                 | November            |  | 1995                 |  | 1 days   | 210            | 3,150,000                               | 9  |             |        | 1,140,000            |                 |  | ļ  |  | ļ  |                 |              | -  | 4              |             | <del> </del>                                     |             |  |                |                 |
|                                  |             | 1  |               |                          | Typhoon Loleng                 | October             |  |                      |  |  | 20             | 320,000                                 | 30   | 150,000     | 71     | 1,066,000            |                 |  | 1  |  | ļ  |                 |              | -  | -              |             | <del></del>                                      |             |  | <del></del>    |                 |
|                                  |             |  | L             |                          |                                |                     |  |                      |  |  |                |   |  |             |        |                      |                 |  | ļ  | -  | <del> </del>                                     | <del> </del>    |              |  |                |             | +  |             | 16 3 000 000                                     |                |                 |
| E-82 Paw                         | a           |  | Malinao       | Flood                    | Typhoon Loleng                 | October             |  |                      |  |  |                |   |  | 600,000     | 80     | 1,200,000            |                 |  | -  | .  |  | 22              |              | <del> </del>                                     |                |             | +-   |             | 16 3,200,000<br>25 7,500                         | <del></del>    |                 |
|                                  |             |  |               |                          | Mayon Eruption                 | February            |  | 1993                 |  | 1 days   | 64             | 900,000                                 | <b></b>  |             |        | <u> </u>             |                 |  | <del> </del> 1                                   | <del> </del>                                     | <del> </del>                                     | <del>  </del>   |              | +  | <del>-  </del> |             | <del>  </del>                                    | <del></del> | 1,500  |                |                 |
|                                  |             |  |               | Mudflow                  | Mayon Eruption                 | February            |  | 1993                 | -  |  |                | <del> </del>                            |  |             |        |                      | <del></del>     |  | <del> </del>                                     | <del>                                     </del> | <del> </del>                                     | <del>  </del>   |              | <del> </del>                                     | <del>  </del>  |             | <del> </del>                                     |             | _  |                | <del></del>     |
|                                  |             |  |               |                          | <u> </u>                       |                     |  |                      | <u> </u>   | <del>                                     </del> |                |   | <del>                                     </del> |             |        | 705 500              |                 |  | <del> </del>                                     | <del> </del>                                     | 1  | <del> </del>    | <del> </del> | +  | <del> </del>   | <u> </u>    | +  |             | +  |                |                 |
| E-83 Paya                        | ahan        | 1-7  | Malinao       | Flood                    | Typhoon Rosing                 | October             | 21-22  | 1998                 | 60   | 2 days   |                |   | 64 2,  | 240,000     | 19     | 1,785,000            |                 | <del> </del>                                     |  | <del> </del>                                     | <del> </del>                                     | <del>  </del>   |              | +  |                |             |  |             | 1  |                |                 |
|                                  |             |  |               |                          |                                | ļ                   | +  |                      |  | <del>                                     </del> | <del> </del>   | <del> </del>                            | 20 1   | 650,000     | 60     | 900,000              |                 | +  | <del> </del>                                     | <del> </del>                                     | 1  |                 |              | -  | 1              |             |  |             | 1  | ,              |                 |
| سمايه =                          | Elena       |  | Malinao       | Flood                    | Typhoon Rosing                 | November            |  | 1995                 |  | +  | 32             |   |  |             |        | 1,350,000            | <del></del>     | +  |  | 1,000,000  | 1  |                 |              | 1  |                |             |  | 217         | 70 123,000                                       |                |                 |
| =-04  Sta.                       |             |  | -             | 5.1.7.7                  | Typhoon Loleng                 | October             |  |                      |  | 1  | 32             | 143,000                                 |  | 000,000     | - 54   | 1,000,000            |                 |  | <u> </u>   | 1,000,000  | - <del> </del>                                   |                 |              |  |                |             |  |             |  |                |                 |
| =-04   Sta.                      |             |  | +             | Debris flow              | Mayon Eruption                 | February            |  | 1993<br>1993         |  | +  |                | 143,000                                 |  |             |        |                      |                 |  |  |  | 1  |                 |              |  |                |             |  |             |  |                |                 |
| ⊑-64  Sta.                       |             |  |               | Lava flow                | Mayon Eruption Mayon Eruption  | February            | -  | 1993                 | <del> </del>                                     | <del> </del>                                     |                | 143,000                                 | $\vdash$   |             | -      |                      |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
| E-04 Sta.                        |             |  |               |                          | iiviavon Eruption              | +                   |  | 1998                 | <del> </del>                                     | +  |                | 512,000                                 | <del>                                     </del> |             |        |                      |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
| =-64   Sta.                      |             |  |               | Mudflow                  |                                | 1                   |  |                      |  |  |                | , ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, | i I  |             |        |                      |                 |  |  |  |  |                 |              |  |                |             | ,  |             |  |                | 1               |
| =-64   Sta.                      |             |  |               | Drought                  | El Nino                        | -                   | +  | 1996                 | <del>' </del>                                    | +  |                |   |  |             |        | l                    | 1               |  |  | 1  |  | I               |              |  |                |             |  |             |  |                |                 |
|                                  |             |  | Sta D         | Drought                  | El Nino                        | October             | 21_22  |                      |  | 1 day  |                |   | 23 1   | 150 000     | 285    | 4.500,000            |                 |  |  |  | <u> </u>   |                 |              |  |                |             |  |             |  |                |                 |
|                                  | I Surtida   | 3-8  | Sto. Domir    | Drought                  |                                | October             | 21-22  | 1998                 |  | 1 day  |                |   | 23 1,  | 150,000     | 285    | 4,500,000            |                 |  |  |  |  |                 |              |  |                |             |  |             |  |                |                 |
| E-85 Fide                        |             |  |               | Drought<br>Flood         | El Nino Typhoon Loleng         |                     |  | 1998                 | 30.40  |  | 11             |   |  | 150,000     | 285    | 4,500,000            |                 |  |  |  |  |                 |              |  |                |             |  | . 10        | 07 330,000                                       |                |                 |
| E-85 Fide                        |             |  | Sto. Domir    | Drought<br>Flood         | Typhoon Loleng  Mayon Eruption | February            |  | 1998                 | 30.40  | 1 days   |                | 166,000                                 |  |             |        | 4,500,000<br>841,000 |                 |  |  |  |  |                 |              |  |                |             |  |             | 17 330,000                                       |                |                 |
| E-84 Sta.  E-85 Fide  E-86 Lidor |             |  |               | Drought<br>Flood         | El Nino Typhoon Loleng         |                     | 1-3  | 1998<br>1993<br>1995 | 30.40<br>70<br>74                                |  | 11<br>20<br>20 | 166,000<br>320,000                      | 5  | 250,000     | 66     |                      |                 |  |  |  |  |                 |              |  |                |             |  | · 10        | )7 330,000                                       |                |                 |

# DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (7/8)

|  |              |               |   |   | ew Survey   | ,  |  |  |                             |  |                                       |   |               |          |                 | Tu a         |                      | <u> </u>      | 34.41         | purpose Damag                                    | 1  | No. of Eva                                       | 20000  |  | Casi         | ualties         | - 1  | Fishpo   | ond L            | ivestock/Pouttry | Far      | rmland   | Brgy.Road  |
|--|--------------|---------------|---|---|---|--|--|--|-----------------------------|--|---------------------------------------|---|---------------|----------|-----------------|--------------|----------------------|---------------|---------------|--|--|--|--|--|--------------|-----------------|--|--|------------------|------------------|----------|--|--|
|  |              |               |   | Kind of   | Name of   |  | Date   |  | Depth                       | Duration   | Affected                              | Agricultural  | Totally       | House Da | amage Partially | Line Canal   | Properties along the | Damage        | Barannay Hall | Road   | D  | EIliaa   | Dargen   | Died   | Injured      | Missing I       | homeless   | Damad  | ge)              | Damage           | Dat      | mages  | National   |
| No. Br   | rgy. Name    | Purok         | Municipality                            | Disaster  | Disaster  | Month  | Date   | Year   | (cm.)                       | (nrs/Days)   | (ba)                                  | Damage<br>(Peso) N  | lo Des        | in No    |                 |              | road (Peso)          |               | (Peso)        |  | (Peso)   | (Nos)  | (Nos)  | (Nos)  | (Nos)        | (Nos).          | (Nos)  | (ha) (F  | eso) (he         | ad) (Peso)       | (ha)     | (Peso)   | Road   |
| <del>                                     </del> |              |               |   |   |   | <del> </del>                                     |  |  |                             |  | (119)                                 | (Feso)  | io. 1-es      | 140      | <u>, 1000</u>   | 1, 555/      | 11000 (1 000)        | - (1,000)     |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  | <b></b>  |
| E-87 San A                                       | A m elec = - | 1             | Sto. Domins                             | Love flow   | Mayon Eruption  | February   |  | 1993   |                             |  |                                       |   |               |          |                 |              |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  | +-+      |  |  |
| E-87 San A                                       | Andles       | <del>  </del> | <del></del>                             |   |   | February   |  | 1993   |                             |  | ···-                                  |   |               |          |                 |              |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  |  |
| <del></del>                                      |              | + +           |   |   |   | October  |  |  | 48                          | 2_days   | 17                                    | 324,000   |               |          |                 |              |                      |               |               | ļ  |  |  |  |  |              |                 |  | <del>  </del>                                    |                  |                  | ++       |  | <del> </del>                                     |
|  |              | 1 1           |   |   | Heavy rains   |  |  |  |                             |  | 6                                     |   |               |          |                 | <del> </del> |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  | ++       |  | <del>                                     </del> |
|  |              |               |   |   |   |  |  |  |                             |  |                                       |   |               | _        |                 | ļ            | ļ                    |               |               | <del> </del>                                     |  |  |  |  |              |                 |  |  |                  |                  | +        |  |  |
| E-88 San F                                       | Fernando     | 1-6           | Sto. Doming                             | Flood   | Typhoon Loleng  | October  | 21-22  | 1998   | 31                          | 1 day  |                                       |   | 9 450         | ,000     | 4,305,000       | )            |                      |               |               | <del>1</del>                                     |  |  |  |  |              |                 |  |  |                  |                  |          |  |  |
|  |              |               |   | Debris flow   | Typhoon Loleng  | <u> </u>   |  |  |                             | no   | data                                  |   |               |          |                 | <del> </del> |                      |               |               | <del> </del>                                     | <del> </del>                                     |  |  |  |              |                 |  | <del>                                     </del> |                  |                  |          |  |  |
|  |              |               |   | Landslide   |   | October  | 21-22  |  |                             |  |                                       |   | _             |          |                 | <del></del>  |                      |               |               | <del> </del>                                     | <u> </u>   |  |  |  |              |                 |  |  |                  |                  |          |  |  |
|  |              | .             |   | Drought   | El Nino   |  |  | 1998   |                             |  |                                       |   |               |          |                 | +            |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  | <del> </del>                                     |
|  | _            | 1             |   |   |   | <u> </u>   | <del></del>                                      |  |                             | <del>  </del>  | 40                                    | 800,000   | 50 000        | 000      | 10 160,000      | `            |                      |               |               | <del> </del>                                     |  |  |  |  |              |                 |  |  |                  |                  |          |  | ļ  |
| E-89 San Is                                      | Isidro       | 4-6           | Sto Doming                              |   | Mayon Eruption  | February   | _  | 1993<br>1993   |                             |  | 40                                    |   | 50 909        | 000      |                 |              |                      |               |               |  |  |  |  |  |              |                 |  |  |                  | ·                |          |  | <del> </del>                                     |
| <del></del>                                      |              | 1             |   |   | Mayon Eruption  Mayon Eruption  | February<br>February                             |  | 1993   |                             |  | 40                                    |   | 50 909        | 000      | 10 160,00       |              | 1                    |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  | <del> </del>                                     |
| <del></del>                                      |              |               |   | Droght<br>Flood   | Typhoon Rosing  | November   |  | 1995   | 36.5                        | 1 day  | 40                                    | 1.200,000   | 8 185         | .000 2:  | 27 3,405,00     |              |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  | <del>                                     </del> |
| <del></del>                                      |              | <del>  </del> |   | Flood   |   | October  |  |  |                             | 2_days   | 35                                    |   | 21 2,250      | ,000     |                 |              |                      |               |               |  |  |  |  |  |              |                 |  | <del>  -   -</del>                               |                  | 18 900,00        |          |  | <del> </del>                                     |
|  | 1.40.0       | <del>  </del> |   | 11000   | , , j ,   |  |  |  |                             |  |                                       |   |               |          |                 |              |                      |               |               |  |  |  |  |  |              |                 |  | <del>                                     </del> |                  |                  | +        |  | <del>                                     </del> |
| E-90 San R                                       | Roque        | 2-4           | Sto Doming                              | Drought   | El Nino   |  |  | 1998   |                             |  | 20                                    | 320,000   |               |          |                 |              | <b></b>              |               |               | ļ  |  |  |  |  |              |                 |  | -  |                  |                  | -        |  | <u> </u>   |
| Lower  |              |               |   | Flood   | Heavy rains   | January  |  | 1994   |                             | 2 days   |                                       |   |               |          | 11 165,00       |              | <del></del>          |               |               | <del></del>                                      |  |  | i  |  |              |                 |  | +  |                  |                  |          |  |  |
|  |              |               |   | Flood   | Typhoon Loleng  | ļ  | 1  | <b></b>  | 37                          | 1 day  | 20                                    | 150,000   | 6 150         | ,000     | 20 330,00       | 2            | +                    |               |               | <del> </del>                                     | <del> </del>                                     | <del>`</del>                                     | <del>                                     </del> |  |              |                 |  | 1-1-   |                  |                  |          |  |  |
|  |              |               |   |   |   | <del></del>                                      |  | <b></b>  |                             | <u> </u>   |                                       | 50,000  | 20 -          | . 000    |                 |              | +                    |               |               | +  | <del> </del>                                     | 80   | <del>                                     </del> | <del>                                     </del> |              |                 |  |  |                  |                  |          |  | <del> </del>                                     |
| E-91 San R                                       |              | 5-7           | Sto. Doming                             | Flood   | Typhoon Loleng  | October  | 21-22  | 1998   | 80                          | 2_days   | 4                                     | 50,000  | ა <u>ყ</u> /t | ,,000    |                 |              | <del> </del>         | <del>-</del>  | <del> </del>  | \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \            |  |  |  |  |              |                 |  |  |                  |                  |          |  | <del> </del>                                     |
| upper  | er           | -             | - · · · · · · · · · · · · · · · · · · · |   | <del></del>   | <del> </del>                                     | +  | <del></del>  |                             | <del>                                     </del>           |                                       | <del></del>   | _             |          |                 | +            |                      |               |               |  |  |  |  |  |              |                 |  | 1  |                  |                  |          |  | <del>. </del>                                    |
| E 00 5:-   | Miserecodia  | -             | Sto Demin                               | Debris flow   | Mayon Eruption  | February   | -  | 1993   | 60.9                        |  | 10                                    | 150,000   | <del></del>   | 1        | 00 1,500,00     | 0            |                      |               |               |  |  |  |  |  |              |                 |  |  |                  | 10 100,00        | 0 150    | ######################################           | <del>"</del>                                     |
| E-82   Sta M                                     | wiserecodia  | 3-4           |   | Flood   | Heavy rains   | January  | <del> </del>                                     | 1994   | 58                          |  | 10                                    |   |               | 1        | 00 1,500,00     |              |                      |               |               |  |  |  |  | <b>_</b>   |              |                 |  | <del>  -</del>                                   |                  |                  |          | <del> </del>                                     | <del> </del>                                     |
| <del></del>                                      |              | 1             |   | Fied  |   | October  | 21-22  |  |                             |  |                                       |   | 10 500        | ,000 1   | 00 1,500,00     | 0            |                      |               |               |  |  |  |  | <del> </del>                                     |              | <del> </del>    |  | <del>  </del>                                    |                  |                  | +        | <del>                                     </del> | 1  |
|  |              |               |   |   |   |  |  |  |                             |  |                                       |   |               |          |                 |              |                      |               |               | <del> </del>                                     | <del> </del>                                     |  |  |  |              |                 |  | +  | <del></del>      |                  |          |  |  |
| E-93 Sto. D                                      | Domingo      |               |   | Flood   |   | October  |  |  | 45                          |  | 50                                    | 750,000   |               |          |                 |              |                      |               | <del> </del>  |  | <del> </del>                                     |  | <del> </del>                                     | <del> </del>                                     |              |                 | <b></b>  | +-+  |                  |                  |          |  |  |
|  |              |               |   |   | Typhoon Rosing  | November   | <del></del> -                                    | 1995   | 40                          | 1 day  |                                       |   |               |          | 68 858,00       | 0            | -                    | <del> </del>  | <u> </u>      |  | <del> </del>                                     |  |  | <del>                                     </del> |              |                 |  |  |                  |                  |          |  |  |
|  |              |               |   | Debris flow   | Mayon Eruption  |  | -  |  |                             |  |                                       |   | <del></del>   |          |                 |              |                      |               | <del> </del>  |  |  |  | † <u> </u>                                       |  |              |                 |  |  |                  |                  |          |  | <u> </u>   |
| <u> </u>   | <del></del>  |               |   |   | Tb D b  | November   | 1.2  | 1005   | 62                          | 1_days   | 14                                    | 210,000   | <del></del>   |          |                 |              | <del> </del>         |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  |  |
| E-94 Batan                                       | nghawon      | 2-6           | Tabaco                                  | Flood   | Typhoon Rosing Typhoon Loleng   | October  |  |  |                             | 2 days   | 3                                     | 84,000  | 98 9,900      | 0,000 6  | 9,300,00        | 0            |                      |               |               |  |  |  | ļ  | ļ  |              | <u> </u>        |  | <del> </del>                                     | - 1              | 5000 1,000,00    | <u> </u> |  | -  |
| <del>                                     </del> |              |               |   |   | Mayon Eruption  | OCIODEI  | 21-22  | 1000   |                             | 2 50,0   |                                       | - 7   |               |          |                 |              |                      |               |               |  |  |  | <b>_</b>   | ļ  |              | -               |  |  | —— <del> -</del> |                  |          | <del> </del>                                     |  |
| <del>                                     </del> |              | 1             |   |   | Mayon Eruption  | · · · · · · ·                                    |  |  |                             |  |                                       |   |               |          |                 |              |                      |               | ļ             |  |  |  | <del> </del>                                     | <del> </del>                                     |              |                 |  | +  |                  |                  |          | <del>                                     </del> |  |
|  |              |               |   |   |   |  |  |  |                             |  |                                       |   |               |          |                 |              |                      |               |               |  |  |  | <del> </del>                                     | ┼  | <del> </del> | -               |  | 1 -  |                  |                  |          |  |  |
| E-95 Banta                                       | tayan        |               | Tabaco                                  |   |   | January  | 5-6  | 1994   | 38.7                        | 2_days   |                                       | 109,695   |               |          |                 |              |                      |               | <del> </del>  | <del></del>                                      |  |  | <del> </del>                                     | <del> </del>                                     |              | <del> </del>    |  | 1-1-   |                  |                  |          |  |  |
|  |              | $\perp$       |   | Lava flow   | Mayon Eruption  | <u> </u>   | <del> </del>                                     | <u> </u>   |                             | n n  | o data                                | r   |               |          |                 | <del></del>  | <del> </del>         |               |               | _  | <del>                                     </del> |  | -  | 1  |              |                 |  |  |                  |                  |          |  |  |
|  |              |               |   |   |   | <del> </del>                                     | +  | 1984   |                             | ng the river   |                                       |   | <del></del>   |          |                 |              |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          | <u> </u>   |  |
| E-96 Bong  | gabong       |               |   |   | Mayon Eruption  Mayon Eruption  | <del> </del>                                     | <del>                                     </del> | 1984   |                             | ng the river   |                                       |   |               |          |                 |              |                      |               |               |  |  |  |  |  | ļ            |                 |  |  |                  |                  |          | <del> </del>                                     |  |
|  |              | <del>- </del> |   | Lava flow<br>Flood  | Heavy rains   | <del>                                     </del> | +  | 1990   |                             | 1 day  |                                       |   |               |          |                 |              |                      | 50,000        |               |  | <u> </u>   |  | ļ  | ļ  |              | ļ               |  | <del> </del>                                     |                  |                  |          | <del> </del>                                     |  |
| <del></del>                                      |              | 1             |   | 1 1000  | ricky rame  |  | <u> </u>   |  |                             |  |                                       |   |               |          |                 |              |                      | ļ             |               |  |  |  |  | <del> </del>                                     | ļ            | <del></del>     |  | <del>-  -</del>                                  |                  | -                |          | <del> </del>                                     | <del> </del>                                     |
| E-97 Bonot                                       | ot           | 1-7           | Tabaco                                  | Flood   | Typhoon Loleng  | October  | 21-22  | 1998   | 66.50                       | 1_days   |                                       |   |               |          | 138 2,070,00    |              |                      | ļ             |               | <del></del>                                      |  |  |  | -  | <del> </del> | <del> </del>    |  |  |                  |                  |          |  |  |
|  |              |               |   | Landslide   |   |  | 21-22  | 1998   | 66.50                       | 1_days   |                                       |   | 19            | 950 1    | 138 2,070,00    | <u> </u>     | -                    | <del> </del>  | <u> </u>      |  | <del> </del>                                     |  | <del> </del>                                     | +  | <del> </del> | <del>├</del> ┈─ | ·  | 1  |                  |                  |          |  |  |
|  |              |               |   | Mudflow   |   | February   |  | 1993   |                             |  | along the r                           |   | _             |          |                 |              | +                    |               |               |  |  |  | <del> </del>                                     |  |              |                 |  |  |                  |                  |          | ļ  |  |
|  |              |               |   | Debris flow   | Mayon Eruption  | February   |  | 1993   |                             |  | along the r                           | nver  |               | _        |                 |              |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          | <del> </del>                                     |  |
|  |              |               | T.1                                     | Mudflow   | Mayon Eruption  | <del>                                     </del> | <del>-}</del>                                    | area alon  | a the river                 | hanks  |                                       |   |               |          |                 |              |                      |               |               |  |  |  |  | ļ  | ļ            | ļ               | ļ  |  |                  |                  |          | <del> </del>                                     |  |
| E-98 Buan  | ng           | +             |   | Flood   |   | Nov.   |  | 1995   | 82.5                        | 2 days   | 14                                    | 32,000  | 58 87         | 0,000 2  | 210 3.150 M     |              |                      |               |               |  |  |  |  |  | ļ            | ļ               | ļ  | +  |                  |                  |          | <del></del>                                      |  |
|  |              | 1             |   |   | Typhoon Loleng  | October  |  |  |                             |  | 13                                    | 500,000   | 6 30          | 0,000 2  | 210 3.15 M      |              |                      |               |               |  |  |  | -  | <del> </del>                                     | <u> </u>     | <del> </del>    |  | +  |                  |                  |          | -  |  |
|  |              |               |   |   |   |  |  |  |                             |  |                                       |   |               |          |                 |              |                      |               |               |  |  |  | <del> </del>                                     |  | <u> </u>     | <del> </del>    | <del>                                       </del> | +  |                  |                  |          |  |  |
| E-99 Buhia                                       | ian          |               | Tabaco                                  | Flood   | Heavy rains   |  |  |  |                             |  |                                       |   | -             |          |                 |              |                      |               | -             | <del></del>                                      | -  |  | <del> </del>                                     | +  | <del> </del> |                 |  |  |                  |                  |          |  |  |
|  |              |               |   | Flood   | Typhoon Loleng  | October  | 21-22  | 1998   | 25                          | 1_days   |                                       |   | 18 90         | 0,000    | 56 849,00       | <u> </u>     |                      | <del> </del>  | <del> </del>  | <del>                                     </del> | +  | <del>                                     </del> | +  | +  | <b>†</b>     |                 |  |  |                  |                  |          |  |  |
|  |              |               |   |   | l <del></del>   |  | <del> </del>                                     | <del>  -</del>   |                             | h-m2   |                                       | <del> </del>  |               |          |                 |              |                      | 1             | 1             | +  |  |  |  |  | L            |                 |  |  |                  |                  |          |  |  |
| E-100 Como                                       | on           | -             |   | Pyroclastic   | Mayon Eruption  |  | +  |  | along river                 |  |                                       | <del> </del>  |               |          | <del>-  </del>  | 7            |                      |               |               |  |  |  |  |  | 1            |                 | ļ  |  |                  |                  |          | <del> </del>                                     |  |
| <del>                                     </del> |              |               |   | Debris flow<br>Lava flow  | Mayon Eruption  Mayon Eruption  | 1  | +  |  | along river                 |  |                                       |   | _             |          |                 |              |                      |               |               |  |  | ļ  |  | -  | ļ            | <del> </del>    | <del> </del>                                       |  |                  |                  |          |  |  |
|  |              | +             |   | Lava flow<br>Mudflow  | Mayon Eruption  | 1  | +  |  | along river                 |  | -                                     |   |               |          |                 |              |                      |               |               |  | _  |  |  |  | <del> </del> | <del> </del>    | -  |  |                  |                  |          | <del> </del>                                     |  |
|  |              | + -           |   | Flood   |   | October  | 21-22  | 1998   |                             | 1_days   |                                       |   | 50 2,50       | 0,000 3  | 327 480,00      | 0            |                      | <u> </u>      | 1             |  |  |  | <del> </del>                                     |  | +            | <del> </del>    |  | <del></del>                                      |                  | <del></del>      |          | +  |  |
| <del>                                     </del> |              | 6-8           | · · ·                                   | Lanslide  |   | October  | 21-22  | 1998   |                             |  | no data                               |   |               |          |                 |              |                      | <del> </del>  | <b></b>       |  |  | <del> </del>                                     | <del> </del>                                     | -  | +            | 1               | +  | +++  |                  |                  | 1        |  |  |
|  |              | 1 2 2         |   |   |   |  |  |  |                             |  |                                       |   |               |          |                 |              |                      | ļ             |               | <del> </del>                                     | <del> </del>                                     | <del> </del>                                     | +  | +  | 1            | +               | <del> </del>                                       | <del></del>                                      |                  |                  | +        | <b>T</b>   |  |
|  |              |               |   | Drought   | El Nino   |  |  | 1998   |                             |  | 22.7                                  | 217,920   |               |          |                 |              |                      | <del> </del>  | -             |  | -  | <del> </del>                                     |  | +  | +            | +               | <del>                                     </del>   | <del>-  -</del>                                  |                  | <del></del>      | $\neg$   |  |  |
| E-101Maga  | apo          | 1.3.5         | Tabaco                                  | Diougin.  |   |  | 1  |  |                             | lanos creek  |                                       |   |               |          |                 | <del> </del> | <del></del>          | <del> </del>  |               | <del> </del>                                     |  |  | +  | 1  |              | +               | <del>                                     </del>   | <del>                                     </del> |                  |                  |          |  |  |
| E-101Maga  | аро          | 1,3,5         |   | Mudflow   | Mayon Eruption  |  | <del></del>                                      |  |                             | 1  | ŀ                                     | 1 1   | 1             |          | _               | -            | +                    | +             |               |  | +  | <del>                                     </del> | <del></del>                                      | +  | <del> </del> | +               | 1  | <del></del>                                      |                  |                  |          |  |  |
| E-101 Maga                                       | apo          | 1,3,5         |   | Mudflow<br>Mudflow  | Mayon Eruption  |  |  | 1993   |                             | lanos creek  |                                       | <del>   </del>  |               |          |                 |              |                      | i             |               |  |  | 1  |  |  |              |                 | 1  |  | }                |                  |          |  |  |
| E-101 Maga                                       | apo          | 1,3,5         |   | Mudflow<br>Mudflow  |   |  |  | 1993<br>1993   |                             | lanos creek  |                                       |   |               |          | <del></del>     | +            |                      | 1             |               | -  | <del></del>                                      |  | †  |  |              | <u> </u>        |  |  |                  |                  |          |  |  |
|  |              |               |   | Mudflow<br>Mudflow<br>Debris Flow   | Mayon Eruption Mayon Eruption   |  |  | 1993   | со                          | lanos creek  |                                       |   |               |          |                 |              |                      |               |               |  |  |  | -  | -  |              |                 |  |  |                  |                  |          |  |  |
| E-101 Maga                                       |              |               | Tabaco                                  | Mudflow Mudflow Debris Flow Lava flow   | Mayon Eruption  Mayon Eruption  Mayon Eruption  |  |  | 1993<br>1993   | co                          | lanos creek  | anks                                  | 200.000   | 79 00         | 9 000    | 365 5 475 00    | 2            |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  |  |
|  |              |               | Tabaco                                  | Mudflow<br>Mudflow<br>Debris Flow   | Mayon Eruption  Mayon Eruption  Mayon Eruption  | October  | 21-22  | 1993<br>1993   | co                          | lanos creek  | anks                                  | 288,000   | 78 28         | 8,000    | 365 5,475,00    | 2            |                      |               |               |  |  |  |  |  |              |                 |  |  |                  |                  |          |  |  |
| E-102 Mariro                                     | roc          |               | Tabaco                                  | Mudflow<br>Mudflow<br>Debris Flow<br>Lava flow<br>Flood                                     | Mayon Eruption Mayon Eruption Mayon Eruption Typhoon Loleng   |  |  | 1993<br>1993<br>1998   | alon<br>77.61               | ng the river b   | anks<br>18,Jan                        |   |               |          |                 | 00           |                      |               |               |  |  |  |  |  |              |                 |  | 2  | 59,000           | 4 13,0           | 00       |  |  |
| E-102 Mariro                                     | roc          |               | Tabaco<br>Tabaco                        | Mudflow Mudflow Debris Flow Lava flow Flood   | Mayon Eruption Mayon Eruption Mayon Eruption Typhoon Loleng Typhoon Rosing  | November   |  | 1993<br>1993<br>1998<br>1995                                 | 77.61                       | ng the river b   | anks<br>18.Jan<br>24.Feb              | 599,999   |               |          |                 | 00           |                      | ********      | 4             |  |  |  |  |  |              |                 |  | 2  | 59,000           | 4 13,0           | 00       |  |  |
| E-102 Mariro                                     | roc          |               | Tabaco                                  | Mudflow Mudflow Debris Flow Lava flow Flood Flood Flood                                     | Mayon Eruption Mayon Eruption Mayon Eruption Typhoon Loleng Typhoon Rosing Typhoon Akang                                | November<br>January                              | 1-3  | 1993<br>1993<br>1998<br>1995<br>1994                         | 77.61<br>73.2               | g the river b  | anks<br>18.Jan<br>24.Feb              | 599,999<br>185,484  | 62 3,10       | 0,000    | 112 1,680,0     | 00           |                      | **********    | 4             |  |  |  |  |  |              |                 |  | 2  | 59,000           | 4 13,0           | 00       |  |  |
| E-102 Mariro                                     | roc          |               | Tabaco                                  | Mudflow Mudflow Debris Flow Lava flow Flood Flood Flood                                     | Mayon Eruption Mayon Eruption Mayon Eruption Typhoon Loleng Typhoon Rosing Typhoon Akang                                | November   | 1-3  | 1993<br>1993<br>1998<br>1995<br>1994                         | 77.61<br>73.2               | ng the river b   | anks<br>18.Jan<br>24.Feb              | 599,999<br>185,484  | 62 3,10       | 0,000    |                 | 00           |                      | *********     | ,             |  |  |  |  |  |              |                 |  | 2  | 59,000           | 4 13,0           | 00       |  |  |
| E-102 Mariro                                     | roc          | 1-7           | Tabaco                                  | Mudflow Mudflow Debris Flow Lava flow Flood Flood Flood Flood                               | Mayon Eruption Mayon Eruption Mayon Eruption Typhoon Loleng Typhoon Rosing Typhoon Akang Typhoon Loleng                 | November<br>January                              | 1-3  | 1993<br>1993<br>1998<br>1995<br>1994<br>1998                 | 77.61<br>73.2               | g the river b  | anks<br>18.Jan<br>24.Feb<br>27        | 599,999<br>185,484  | 62 3,10       | 0,000    | 112 1,680,0     | 00           |                      | ######        | 4             |  |  |  |  |  |              |                 |  | 2  | 59,000           | 4 13,0           | 00       |  |  |
| E-102 Mariro                                     | roc          | 1-7           | Tabaco Tabaco Tabaco                    | Mudflow Mudflow Debris Flow Lava flow Flood Flood Flood Flood Mudflow                       | Mayon Eruption Mayon Eruption  Mayon Eruption Typhoon Loleng Typhoon Rosing Typhoon Akang Typhoon Loleng Mayon Eruption | November<br>January                              | 1-3  | 1993<br>1993<br>1998<br>1995<br>1994                         | 77.61<br>73.2               | g the river b  | anks<br>18.Jan<br>24.Feb<br>27        | 599,999<br>185,484  | 62 3,10       | 0,000    | 112 1,680,0     | 00           |                      | **********    | y             |  |  |  |  |  |              |                 |  | 2  | 59,000           | 4 13,0           | 000      |  |  |
| E-102 Mariro                                     | roc          | 1-7           | Tabaco Tabaco                           | Mudflow Mudflow Debris Flow  Lava flow Flood Flood Flood Flood Mudflow Lavaflow Lavaflow    | Mayon Eruption Mayon Eruption Mayon Eruption Typhoon Loleng Typhoon Rosing Typhoon Akang Typhoon Loleng                 | November<br>January                              | 1-3  | 1993<br>1998<br>1998<br>1995<br>1994<br>1998                 | 77.61<br>73.2               | g the river b  | anks<br>18.Jan<br>24.Feb<br>27<br>alo | 599,999<br>185,484<br>ng river banks  | 62 3,10       | 0,000    | 112 1,680,0     | 00           |                      | ************* | 9             |  |  |  |  |  |              |                 |  | 2  | 59,000           | 4 13,0           | 000      |  |  |
| E-102 Mariro                                     | roc          | 1-7           | Tabaco Tabaco                           | Mudflow Mudflow Debris Flow  Lava flow Flood Flood Flood Flood Mudflow Lavaflow Debris flow | Mayon Eruption Mayon Eruption  Mayon Eruption Typhoon Loleng Typhoon Rosing Typhoon Akang Typhoon Loleng Mayon Eruption | November<br>January                              | 1-3  | 1993<br>1998<br>1998<br>1995<br>1994<br>1998<br>1993<br>1993 | 77.61<br>73.2               | danos creek  q the river b  1 days  2 days  2 days  2 days | anks 18.Jan 24.Feb 27 alo             | 599,999<br>185,484<br>ng river banks  | 62 3,10       | 0,000    | 112 1,680,0     | 00           |                      | ***********   | 4             |  |  |  |  |  |              |                 |  |  |                  | 4 13,0           | 00       |  |  |
|  | roc          | 1-7           | Tabaco Tabaco Tabaco                    | Mudflow Mudflow Debris Flow  Lava flow Flood Flood Flood Flood Mudflow Lavaflow Debris flow | Mayon Eruption Mayon Eruption Typhoon Loleng Typhoon Rosing Typhoon Akang Typhoon Loleng Mayon Eruption Mayon Eruption  | November<br>January                              | 1-3  | 1993<br>1998<br>1998<br>1995<br>1994<br>1998<br>1993<br>1993 | 77.61<br>73.2<br>49.6<br>75 | danos creek  q the river b  1 days  2 days  2 days  2 days | anks 18.Jan 24.Feb 27 alo             | 599,999<br>185,484<br>Ing river banks<br>ing river banks<br>ing river banks | 62 3,10       | 0,000    | 112 1,680,0     | 00           |                      | ***********   | F             |  |  |  |  |  |              |                 |  |  | 59,000           | 4 13,0           | 000      |  |  |

#### DT II 4.1 Results of Interview Survey – Calamity and Causality by Natural Disaster – (8/8)

|          |   | _  |              | T*               |                  | 1  | D-4:         |               | D45   | Dimetion     | A#cate d    | Agricultural | [  | House     | se Dama  | 200                                     | Line Cana  | l Properties | School   | Multi         | purpose Dama | qe           | No, of E     | vacuees  |              |              | sualties     |           |   | ishpond     |                  | ock/Poultry  |               |  | Brgy.Road   |
|----------|---|--|--------------|------------------|------------------|--|--------------|---------------|-------|--------------|-------------|--------------|--|-----------|--|---|--|--------------|----------|---------------|--------------|--------------|--------------|----------|--------------|--------------|--------------|-----------|---|-------------|------------------|--------------|---------------|--|-------------|
|          |   |  |              | Kind of          | Name of          | <del></del>                                      | Date         |               |       |              |             |              | <del>                                     </del> | Totally   |  | Partially                               | Damagas  | clone the    | Domogo   | Barangay Hall |              | Day care     | Families     | Person   | Died         | Injured      | Missing      | g homeles | is D  | amage)      |                  | amage        |               | mages                                  | National    |
| 10.      | Brgy, Name                                  | Purok  | Municipality | Disaster         | Disaster         | Month  | Date         | Year          | (cm.) | (hrs/Days)   |             | Damage       | _  |           |  |   | Damages  | along the    | Dalliage | (Dese)        | (Peso)       | (Peso)       | (Nos)        | (Nos)    | (Nos)        | (Nos)        | (Nos).       | (Nos)     | (ha)  | (Peso)      | (head)           | (Peso)       | (ha)          | (Peso)                                 | Road        |
|          |   | 1  |              |                  |                  |  |              |               |       |              | <u>(ha)</u> | (Peso)       | No.  | Peso      | No.  | Peso                                    | (Peso)   | road (Peso)  | (Peso)   | (Peso)        | (1 630)      | (1 630)      | 1,1100       | 1.100    | (,,,,,,      |              | T            |           |   |             |                  |              | 11            |  |             |
|          |   |  |              |                  |                  | <u> </u>   |              | <u> </u>      |       |              |             |              | 1  |           | <del>  </del>                                    |   |  |              |          |               | <del> </del> | <del> </del> | <del> </del> | 1        |              |              | _            |           |   |             | T                |              |               |  |             |
| -105 Pi  | nangbobong                                  | 1-7  | Tabaco       | Flood            | Mayon Eruption   |  |              | 1993          |       | 1 days       | 129.3       |              | -  | 615,000   |  | 100,00                                  |  | <del> </del> |          |               |              | <del> </del> | +            | 1-1      |              |              | <del> </del> |           | _   | <b>T</b>    |                  |              |               |  |             |
|          |   |  |              | Flood            | Typhoon Rosing   | November   | 1-3          | 1995          | 125   | 1 days       | 129,3       | 1,926,000    |  | 420,000   | _  | 995,00                                  |  | ·            |          | 151,000       |              |              |              | 1        |              |              | <del> </del> |           |   | 1           |                  |              |               |  | T           |
|          |   |  |              |                  | Typhoon Loleng   | October  | 21-22        | 1998          | 115   | 2 days       | 136.5       | 1,983,000    |  | 835,017   |  | 915,00                                  | 0  | ļ            | 301,000  | -             | <u> </u>     | ļ            |              |          |              |              |              |           | +   |             | <del> </del>     |              | 1             |  |             |
|          | -   |  |              |                  |                  |  |              |               |       |              |             |              |  |           |  |   |  |              |          |               |              | <del> </del> |              |          |              |              | <del> </del> |           |   | <del></del> | 2                | 7,000        |               |  |             |
| -106 Qu  | uinastillohan                               |  |              | Flood            | Typhoon Rosing   | November   | r 1-3        | 1995          | 40    | 1 day        | 88          | 880,000      | 30   | 90,000    | 243  | 1,115,00                                |  | <u> </u>     |          |               | ļ            |              | ļ            |          |              |              |              |           | -   | <del></del> | 131              |              |               |  |             |
|          | arria e i i i i i i i i i i i i i i i i i i | 1  |              | 1                | Typhoon Loleng   | October  |              | 1998          | 40    | 2 days       | 88          | 440,000      | 47   | 2,350,000 | 90   | 1,800,00                                | 0 15,000   |              |          |               | <u> </u>     |              | <b>↓</b>     | -        |              |              |              |           |   | +           | 131              | 12,750       | +             |  |             |
| $\dashv$ |   | <del>                                     </del> |              | Drought          | Mayon Eruption   |  |              | 1993          |       |              | 100         |              |  |           |  |   |  |              |          |               |              |              | <del> </del> | 4        |              |              |              |           | +-  | +           | +-+              |              | +             |  | 1           |
| -        |   | +  |              | D.00g.1          | ine joir Enephon | ·   · · · · · · · · · · · · · · · · · ·          | 1            | 1000          |       |              |             |              |  |           |  |   |  |              | l        | <u> </u>      | <u> </u>     |              |              | ļ        |              | <u> </u>     | <del>-</del> |           |   | +           | +                |              | +-+           |  | +           |
| -107 5-  | an Antonio                                  | +  | Tabaco       | Mudflow          |                  | 1  | 1            |               |       |              | river banks | ;            |  |           |  |   |  |              | l        |               | 1            |              |              |          |              | <del> </del> | -            | _         |   | <del></del> | +                |              | +             |  |             |
| - 10136  | an Antonio                                  | +  | Tabaco       | Lava flow        |                  |  | _            |               |       |              | river banks |              |  |           |  |   |  |              |          |               |              |              | ļ            |          |              | ļ            |              | _         | <del></del>   | <del></del> |                  |              | +             |  | +           |
|          |   |  |              | Debris flow      |                  | 1  |              | 1             |       |              | river banks |              | Ti   |           |  |   |  |              |          | <u> </u>      |              |              | ļ            |          |              | L            |              |           |   | +           |                  |              | +             |  | +           |
|          |   | 1-9  |              | Flood            | Typhoon Rosing   | Nov.   | 1-3          | 1995          |       |              | ge = DAM    |              |  |           | 1  |   |  |              |          |               | <u> </u>     |              |              |          |              | ļ            |              |           |   | +           | +                |              | 4             |  | +           |
| -        |   | 1  |              | 71000            |                  | Oct  |              | 1998          | 45    | 2 days       |             | 384,000      |  |           |  |   |  |              |          |               |              |              |              |          |              |              |              |           |   |             | 4                |              |               | <del></del>                            | +           |
|          |   | -  |              | <del> </del>     | Typhoon Loleng   |  |              | 1000          |       |              |             |              | $\Box$   |           |  |   |  |              |          |               |              |              |              | J        |              |              |              | _         |   | <del></del> |                  |              | +'            | <del></del>                            | <del></del> |
| 400 0-   |   | 6.7  | Tabaco       | Flood            | Typhoon Akang    | January  | 1            | 1994          | 43    | 2 days       | 13          | 130,000      | 1  |           |  |   |  |              |          |               |              |              |              | <u> </u> | <b></b>      |              |              |           |   | <del></del> | +                | <del></del>  | '             |  |             |
| :-10852  | an Isidro                                   | 1-7  | -            | Fiood            |                  | Oct  | 24 22        | 1994          |       | 2 days       |             | 832,000      |  |           | <del>                                     </del> |   | -  |              |          | 1             |              |              |              |          |              | <u> </u>     |              |           | <u> </u>  |             |                  |              | <del></del> ' |  | +           |
|          |   | 7-/  |              | <del> </del>     | Typhoon Coleng   | OCL  | 21-22        | 1994          | 40.5  | 2 days       | 00.0        | 002,000      | 1  |           | 1  |   |  |              |          |               |              |              |              |          |              |              |              |           |   |             | _                | <del></del>  | '             | <del> </del>                           | +           |
| 400.0    |   |  | Tabaco       | Mudflow          | Mayon Eruption   | <del> </del>                                     | +            |               | olong | river banks  |             |              | 1  |           |  |   |  |              |          |               |              |              |              |          |              |              |              |           |   |             | 4                | <del></del>  |               | <del></del>                            | +           |
| -109 58  | an Lorenso                                  |  | Tabaco       | Debris flow      | Mayon Eruption   | <del>                                     </del> |              | <del>  </del> |       | river banks  |             | <del></del>  | 1  |           | <del>                                     </del> |   |  |              |          |               |              |              | ٧            |          |              | ļ            |              |           | <del>`</del>  |             | <del></del>      |              |               | <del></del>                            | +           |
|          | <del></del>                                 | <del> </del>                                     |              |                  | Mayon Eruption   | <del> </del>                                     | +            | 1993          | along | IIVEI DAIIKS | 75          | 900,000      | +  |           | 1-   |   |  |              |          |               |              |              |              |          |              |              |              |           | $\dashv$  |             | <del></del> -    | <del></del>  | <del></del>   | <del></del>                            | +           |
|          |   |  |              | Drought<br>Flood | Typhoon Rosing   | Nev  | 12           | 1995          | 36    | I day        |             | 000,033      | +  |           | 1  |   |  |              |          |               |              | 1            |              |          | <u> </u>     |              |              |           | $\rightarrow$   |             | <del></del> '    | <del></del>  |               | <del></del>                            | -+          |
|          | <del></del>                                 |  |              | Flood            | Typhoon Loleng   |  |              | 1998          |       | 1 days       | 70          | 1.25 M       | 108  | 4 14      | 383  | 1.5 M                                   | <del>                                     </del> |              | 350,000  | )             | 1            |              |              |          |              | 1            |              |           | ——  |             | 22               | 251,000      | 3             | <del> </del>                           |             |
| _        |   |  |              | FIDOG            | Typacon Loleng   | -   Oct  | 21-22        | 1990          | 02    | 1 days       |             | 7.20 11      | 1.00   |           | 1 222  | .,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,, |  |              |          |               |              |              |              |          | <u> </u>     | ļ            |              | _         | $-\!\!\!\!\!+\!\!\!\!\!-$   |             | - <del> </del> ' |              |               | <del></del>                            |             |
| - 110    |   |  | Tabaco       | Mudflow          | Mayon Eruption   | Feb.   |              | 1993          |       | along san r  | naute thier |              | 1  |           | 1  |   |  |              | 1        |               |              |              |              |          | L            |              |              |           | $-\!$ |             | <del></del> '    | <del></del>  |               | <del> </del>                           |             |
|          | Roque                                       | <del></del>                                      | Tabaco       | Lavaflow         | Mayon Eruption   | Feb.   | +            | 1993          |       | along san r  |             |              | 1  |           |  | 1                                       |  |              |          |               |              |              |              |          | ļ            |              |              |           |   |             | <del></del> '    | <del></del>  |               | <del> </del>                           |             |
| P        | oblacion                                    | _  |              | Debris flow      | Mayon Eruption   | Feb.   | +            | 1993          |       | along san r  |             |              | 1  |           |  |   |  |              |          |               |              |              |              |          | <u> </u>     |              |              |           |   |             | <del></del> '    | <del></del>  |               | <del> </del>                           | +           |
|          |   |  |              | Flood            | Typhoon Loleng   | Oct.   | +            | 1998          | 60    |              |             | 105 000      | 33   | 1 650 000 | 354  | 3,540,0                                 | 0  |              |          |               |              |              |              |          |              |              |              |           | ——  |             |                  | <del> </del> |               | <del></del>                            | <del></del> |
|          | · · · · · · · · · · · · · · · · · · ·       | <del>                                     </del> |              | Fioda            | Typhoon Loleng   | ULL  | <del> </del> | 1556          | - 00  | , day        |             | 1            | 1  | .,000,000 | 1  | 1                                       |  |              |          |               |              |              |              |          | ļ            | ļ            | _            |           |   | +           |                  | 10.00        | <del></del>   |  | -           |
| - 444 5  | an Vicente                                  | -  | Tabaco       | Flood            | Typhoon Rosing   | November   | , 1.2        | 1005          | 50    | 2 days       | 55.00       | 600,000      | 7  | 100,000   | 105  | 525,0                                   | 10   |              |          |               | 100,000      |              |              |          |              |              |              |           |   | 50,00       | 0 4              | 12,000       |               | +                                      |             |
| 2-111 SE | arı vicente                                 | 3,4  | ISDSCO       | F1000            | Typhoon Loleng   | October  |              |               |       | 2 days       |             | 900,000      | 25   | 1,200,000 | 420  | 4,200,0                                 |  |              |          |               | 1            |              | _            |          | ļ            |              |              |           | _   |             | <del></del> 1    | 5,000        | <del></del>   | <del> </del>                           |             |
| +        |   |  | -            | <del> </del>     | Typhoon Loleng   | CCTODE   | 2 1-22       | 1336          |       | 2 uuys       | 7,5,50      | 1            | 1-1  | 12001300  | 1  |   |  |              |          |               |              |              |              |          | ļ            |              |              |           |   |             | +                | 1 20.00      | <del></del>   | +                                      | _           |
| - 440 To |   |  | Tabaco       | Flood            | Typhoon Loleng   | October  | 21-22        | 1998          | 45    | 2 days       | 106.00      | 160,000      | 5  | 250,000   | 28   | 420,0                                   | 0  |              |          |               |              |              | ,            | _        | <del> </del> |              |              |           |   | +           | 13               | 20,000       | <del></del>   | +                                      | +           |
| -112 Ta  | ayas  | 1-3  |              | Mudflow          | Mayon Eruption   | CCIODEI  | 121-22       | 1993          | - 40  | 2 3473       | Tagas rive  | ·            |  |           | 1  | T                                       |  |              |          |               |              |              |              |          | ļ            | ļ            |              |           |   | +           |                  | +            |               | +                                      |             |
|          |   |  |              | Iwidallow        | IMAYON ERUDION   | <del> </del>                                     | +            | 1993          |       |              | . agus nve  | r            | 1  |           |  | <del> </del>                            |  |              | 1        |               |              |              |              |          | J            | 1            |              | !         |   |             |                  |              |               | ــــــــــــــــــــــــــــــــــــــ |             |

