

## 2.3 Pumping Volume Survey Data in 5 Villages (During Dry Season)

Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 23 Feb 1995)

Village name B. Lak 21 (1)

8

15

25

80

(Volume 8Lit)

(Volume 15Lit)

(Volume 25Lit)

(Volume 80Lit)

(Volume 30Lit)

(Volume 20Lit)

(Volume 10Lit)

(Volume 4Lit)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Oil drum (Volume(1)) 30Lit Bucket |           | 20Lit Bucket |           | 10Lit Bucket |           | TOTAL(Lit) |           |       |
|--------------|-----------------|-----------|--------------------|-----------------------------------|-----------|--------------|-----------|--------------|-----------|------------|-----------|-------|
|              |                 |           |                    | Personnel                         | Volume(1) | Personnel    | Volume(2) | Personnel    | Volume(3) | Personnel  | Volume(4) |       |
| 0 ~ 1        | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         |       |
| 1 ~ 2        | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         |       |
| 2 ~ 3        | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         |       |
| 3 ~ 4        | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         |       |
| 4 ~ 5        | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         |       |
| 5 ~ 6        | 24.41           | 421       | 421                | 2                                 | 160       | 2            | 50        | 13           | 195       | 2          | 16        | 421   |
| 6 ~ 7        | 12.52           | 216       | 637                | 0                                 | 0         | 5            | 125       | 5            | 75        | 2          | 16        | 216   |
| 7 ~ 8        | 5.86            | 101       | 738                | 0                                 | 0         | 1            | 25        | 4            | 60        | 2          | 16        | 101   |
| 8 ~ 9        | 4.00            | 69        | 807                | 0                                 | 0         | 0            | 0         | 3            | 45        | 3          | 24        | 69    |
| 9 ~ 10       | 0.46            | 8         | 815                | 0                                 | 0         | 0            | 0         | 0            | 0         | 1          | 8         | 8     |
| 10 ~ 11      | 9.86            | 170       | 985                | 1                                 | 80        | 0            | 0         | 6            | 90        | 0          | 0         | 170   |
| 11 ~ 12      | 0.93            | 16        | 1,001              | 0                                 | 0         | 0            | 0         | 0            | 0         | 2          | 16        | 16    |
| Sub total    |                 | 1,001     |                    | 3                                 | 240       | 8            | 200       | 31           | 465       | 12         | 96        | 1,001 |
| 12 ~ 13      | 0.87            | 15        | 1,016              | 0                                 | 0         | 0            | 0         | 1            | 15        | 0          | 0         | 15    |
| 13 ~ 14      | 10.09           | 174       | 1,190              | 0                                 | 0         | 3            | 75        | 5            | 75        | 3          | 24        | 174   |
| 14 ~ 15      | 6.84            | 118       | 1,308              | 0                                 | 0         | 2            | 50        | 4            | 60        | 1          | 8         | 118   |
| 15 ~ 16      | 23.30           | 402       | 1,710              | 1                                 | 80        | 5            | 125       | 11           | 165       | 4          | 32        | 402   |
| 16 ~ 17      | 0.87            | 15        | 1,725              | 0                                 | 0         | 0            | 0         | 1            | 15        | 0          | 0         | 15    |
| 17 ~ 18      | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         | 0     |
| 18 ~ 19      | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         | 0     |
| 19 ~ 20      | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         | 0     |
| 20 ~ 21      | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         | 0     |
| 21 ~ 22      | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         | 0     |
| 22 ~ 23      | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         | 0     |
| 23 ~ 24      | 0               | 0         | 0                  | 0                                 | 0         | 0            | 0         | 0            | 0         | 0          | 0         | 0     |
| Sub total    |                 | 724       |                    | 1                                 | 80        | 10           | 250       | 22           | 380       | 8          | 64        | 724   |
| TOTAL        |                 | 1,725     |                    | 4                                 | 320       | 18           | 450       | 53           | 795       | 20         | 160       | 1,725 |

Sheet1

Result of Pumping Volume each Village

(Sampling date 24 Feb 1995)  
 Village name B. Lak 21 (2)

80 25 8

(Volume 80Lit) (Volume 25Lit) (Volume 8Lit)  
 Oil drum (Volume(1)) 30Lit Bucket(Volume(2)) 20Lit Bucket(Volume(3)) 10Lit Bucket(Volume(4))

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 5 ~ 6        | 16.11           | 365       | 365                | 0         | 0         | 7         | 175       | 10        | 150       | 5         | 40        | 365        |
| 6 ~ 7        | 11.17           | 253       | 618                | 0         | 0         | 3         | 75        | 6         | 90        | 11        | 88        | 253        |
| 7 ~ 8        | 7.06            | 160       | 778                | 1         | 80        | 1         | 25        | 1         | 15        | 5         | 40        | 160        |
| 8 ~ 9        | 2.34            | 53        | 891                | 0         | 0         | 0         | 0         | 3         | 45        | 1         | 8         | 53         |
| 9 ~ 10       | 7.73            | 175       | 1,006              | 0         | 0         | 1         | 25        | 10        | 150       | 0         | 0         | 175        |
| 10 ~ 11      | 5.74            | 130       | 1,136              | 1         | 80        | 2         | 50        | 0         | 0         | 0         | 0         | 130        |
| 11 ~ 12      | 1.10            | 25        | 1,161              | 0         | 0         | 1         | 25        | 0         | 0         | 0         | 0         | 25         |
| Sub total    |                 | 1,161     |                    | 2         | 160       | 15        | 375       | 30        | 450       | 22        | 176       | 1,161      |
| 12 ~ 13      | 5.21            | 118       | 1,279              | 1         | 80        | 0         | 0         | 2         | 30        | 1         | 8         | 118        |
| 13 ~ 14      | 1.81            | 41        | 1,320              | 0         | 0         | 1         | 25        | 0         | 0         | 2         | 16        | 41         |
| 14 ~ 15      | 4.64            | 105       | 1,425              | 1         | 80        | 1         | 25        | 0         | 0         | 0         | 0         | 105        |
| 15 ~ 16      | 10.73           | 243       | 1,668              | 1         | 80        | 4         | 100       | 1         | 15        | 6         | 48        | 243        |
| 16 ~ 17      | 0.66            | 15        | 1,683              | 0         | 0         | 0         | 0         | 1         | 15        | 0         | 0         | 15         |
| 17 ~ 18      | 0.00            | 0         | 1,683              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 18 ~ 19      | 11.13           | 252       | 1,935              | 0         | 0         | 0         | 0         | 12        | 180       | 9         | 72        | 252        |
| 19 ~ 20      | 14.57           | 330       | 2,265              | 1         | 80        | 10        | 250       | 0         | 0         | 0         | 0         | 330        |
| 20 ~ 21      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 1,104     |                    | 4         | 320       | 16        | 400       | 16        | 240       | 18        | 144       | 1,104      |
| TOTAL        |                 | 2,265     |                    | 6         | 480       | 31        | 775       | 46        | 690       | 40        | 320       | 2,265      |

Result of Pumping Volume each Village

(Sampling date 25 Feb 1995)  
 Village name B. Lak 21 (3)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | 80 (Volume 80Lit) |           | 25 (Volume 25Lit) |           | 15 (Volume 15Lit) |           | 8 (Volume 8Lit) |           |
|--------------|-----------------|-----------|--------------------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-----------------|-----------|
|              |                 |           |                    | Personnel         | Volume(1) | Personnel         | Volume(2) | Personnel         | Volume(3) | Personnel       | Volume(4) |
| 0 ~ 1        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 1 ~ 2        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 2 ~ 3        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 3 ~ 4        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 4 ~ 5        | 2.27            | 80        | 80                 | 1                 | 80        | 0                 | 0         | 0                 | 0         | 0               | 80        |
| 5 ~ 6        | 11.64           | 411       | 491                | 0                 | 0         | 7                 | 175       | 12                | 180       | 7               | 56        |
| 6 ~ 7        | 7.42            | 262       | 753                | 0                 | 0         | 5                 | 125       | 7                 | 105       | 4               | 32        |
| 7 ~ 8        | 4.61            | 163       | 916                | 1                 | 80        | 0                 | 0         | 5                 | 75        | 1               | 8         |
| 8 ~ 9        | 3.11            | 110       | 1,026              | 0                 | 0         | 2                 | 50        | 4                 | 60        | 0               | 0         |
| 9 ~ 10       | 1.76            | 62        | 1,088              | 0                 | 0         | 0                 | 0         | 2                 | 30        | 4               | 32        |
| 10 ~ 11      | 4.25            | 150       | 1,238              | 0                 | 0         | 3                 | 75        | 5                 | 75        | 0               | 0         |
| 11 ~ 12      | 3.57            | 126       | 1,364              | 0                 | 0         | 2                 | 50        | 4                 | 60        | 2               | 16        |
| Sub total    |                 | 1,364     |                    | 2                 | 160       | 19                | 475       | 39                | 585       | 18              | 144       |
| 12 ~ 13      | 11.41           | 403       | 1,767              | 1                 | 80        | 2                 | 50        | 15                | 225       | 6               | 48        |
| 13 ~ 14      | 2.10            | 74        | 1,841              | 0                 | 0         | 2                 | 50        | 0                 | 0         | 3               | 24        |
| 14 ~ 15      | 5.63            | 199       | 2,040              | 0                 | 0         | 4                 | 100       | 5                 | 75        | 3               | 24        |
| 15 ~ 16      | 18.94           | 669       | 2,709              | 2                 | 160       | 9                 | 225       | 12                | 180       | 13              | 104       |
| 16 ~ 17      | 13.79           | 487       | 3,196              | 2                 | 160       | 6                 | 150       | 7                 | 105       | 9               | 72        |
| 17 ~ 18      | 8.24            | 291       | 3,487              | 1                 | 80        | 2                 | 50        | 7                 | 105       | 7               | 56        |
| 18 ~ 19      | 1.27            | 45        | 3,532              | 0                 | 0         | 0                 | 0         | 3                 | 45        | 0               | 0         |
| 19 ~ 20      | 0.00            | 0         | 3,532              | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 20 ~ 21      | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 21 ~ 22      | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 22 ~ 23      | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 23 ~ 24      | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| Sub total    |                 | 2,168     |                    | 6                 | 480       | 25                | 625       | 49                | 735       | 41              | 328       |
| TOTAL        |                 | 3,532     |                    | 8                 | 640       | 44                | 1,100     | 88                | 1,320     | 59              | 472       |

Sheet1

Result of Pumping Volume each Village

(Sampling date 26 Feb 1995)

Village name B. Lak 21 (4)

80 25 15 8

(Volume 80Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

Oil drum (Volume(1)) 30Lit Bucket(Volume(2)) 20Lit Bucket(Volume(3)) 10Lit Bucket(Volume(4))

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 5 ~ 6        | 14.04           | 431       | 431                | 2         | 160       | 2         | 50        | 11        | 165       | 7         | 56        | 431        |
| 6 ~ 7        | 3.71            | 114       | 545                | 0         | 0         | 0         | 0         | 6         | 90        | 3         | 24        | 114        |
| 7 ~ 8        | 4.10            | 126       | 671                | 0         | 0         | 1         | 25        | 3         | 45        | 7         | 56        | 126        |
| 8 ~ 9        | 5.70            | 175       | 846                | 0         | 0         | 4         | 100       | 5         | 75        | 0         | 0         | 175        |
| 9 ~ 10       | 8.76            | 269       | 1,115              | 1         | 80        | 2         | 50        | 5         | 75        | 8         | 64        | 269        |
| 10 ~ 11      | 8.40            | 258       | 1,373              | 1         | 80        | 4         | 100       | 2         | 30        | 6         | 48        | 258        |
| 11 ~ 12      | 4.07            | 125       | 1,498              | 0         | 0         | 2         | 50        | 5         | 75        | 0         | 0         | 125        |
| Sub total    |                 | 1,498     |                    | 4         | 320       | 15        | 375       | 37        | 555       | 31        | 248       | 1,498      |
| 12 ~ 13      | 0.00            | 0         | 1,498              | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 13 ~ 14      | 10.91           | 335       | 1,833              | 2         | 160       | 3         | 75        | 4         | 60        | 5         | 40        | 335        |
| 14 ~ 15      | 3.62            | 111       | 1,944              | 0         | 0         | 1         | 25        | 2         | 30        | 7         | 56        | 111        |
| 15 ~ 16      | 12.41           | 381       | 2,325              | 0         | 0         | 6         | 150       | 9         | 135       | 12        | 96        | 381        |
| 16 ~ 17      | 12.15           | 373       | 2,698              | 1         | 80        | 5         | 125       | 8         | 120       | 6         | 48        | 373        |
| 17 ~ 18      | 9.02            | 277       | 2,975              | 0         | 0         | 3         | 75        | 6         | 90        | 14        | 112       | 277        |
| 18 ~ 19      | 3.09            | 95        | 3,070              | 0         | 0         | 2         | 50        | 3         | 45        | 0         | 0         | 95         |
| 19 ~ 20      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 20 ~ 21      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 1,572     |                    | 3         | 240       | 20        | 500       | 32        | 480       | 44        | 352       | 1,572      |
| TOTAL        |                 | 3,070     |                    | 7         | 560       | 35        | 875       | 69        | 1,035     | 75        | 600       | 3,070      |

Sheet1

Result of Pumping Volume each Village

(Sampling date 27 Feb 1995)  
 Village name B. Lak. 21 (5)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | 80        |           | 25        |           | 15        |           | 8         |           |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|              |                 |           |                    | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) |
| 0 ~ 1        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 1 ~ 2        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 2 ~ 3        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 3 ~ 4        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 4 ~ 5        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 5 ~ 6        | 11.22           | 287       | 287                | 1         | 80        | 4         | 100       | 5         | 75        | 4         | 32        |
| 6 ~ 7        | 8.37            | 214       | 501                | 0         | 0         | 4         | 100       | 6         | 90        | 3         | 24        |
| 7 ~ 8        | 2.81            | 72        | 573                | 0         | 0         | 1         | 25        | 1         | 15        | 4         | 32        |
| 8 ~ 9        | 1.17            | 30        | 603                | 0         | 0         | 0         | 0         | 2         | 30        | 0         | 0         |
| 9 ~ 10       | 3.44            | 88        | 691                | 0         | 0         | 2         | 50        | 2         | 30        | 1         | 8         |
| 10 ~ 11      | 6.96            | 178       | 869                | 1         | 80        | 2         | 50        | 0         | 0         | 6         | 48        |
| 11 ~ 12      | 2.15            | 55        | 924                | 0         | 0         | 1         | 25        | 2         | 30        | 0         | 0         |
| Sub total    |                 | 924       |                    | 2         | 160       | 14        | 350       | 18        | 270       | 18        | 144       |
| 12 ~ 13      | 4.46            | 114       | 1,038              | 0         | 0         | 2         | 50        | 0         | 0         | 8         | 64        |
| 13 ~ 14      | 7.58            | 194       | 1,232              | 0         | 0         | 5         | 125       | 3         | 45        | 3         | 24        |
| 14 ~ 15      | 7.00            | 179       | 1,411              | 0         | 0         | 5         | 125       | 2         | 30        | 3         | 24        |
| 15 ~ 16      | 16.46           | 421       | 1,832              | 2         | 160       | 4         | 100       | 7         | 105       | 7         | 56        |
| 16 ~ 17      | 16.11           | 412       | 2,244              | 0         | 0         | 11        | 275       | 7         | 105       | 4         | 32        |
| 17 ~ 18      | 9.03            | 231       | 2,475              | 0         | 0         | 4         | 100       | 5         | 75        | 7         | 56        |
| 18 ~ 19      | 3.24            | 83        | 2,558              | 0         | 0         | 3         | 75        | 0         | 0         | 1         | 8         |
| 19 ~ 20      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 20 ~ 21      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 21 ~ 22      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 22 ~ 23      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 23 ~ 24      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Sub total    |                 | 1,634     |                    | 2         | 160       | 34        | 850       | 24        | 360       | 33        | 264       |
| TOTAL        |                 | 2,558     |                    | 4         | 320       | 48        | 1,200     | 42        | 630       | 51        | 408       |

Sheet1

Result of Pumping Volume each Village

(Sampling date 28 Feb 1995)  
 Village name B. Lak 21 (6)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | 80        |           | 25        |           | 15        |           | 8         |           |            |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
|              |                 |           |                    | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
| 0 ~ 1        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |            |
| 1 ~ 2        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |            |
| 2 ~ 3        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |            |
| 3 ~ 4        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |            |
| 4 ~ 5        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |            |
| 5 ~ 6        | 12.33           | 350       | 350                | 1         | 80        | 5         | 125       | 7         | 105       | 5         | 40        | 350        |
| 6 ~ 7        | 8.35            | 237       | 587                | 0         | 0         | 4         | 100       | 7         | 105       | 4         | 32        | 237        |
| 7 ~ 8        | 2.01            | 57        | 644                | 0         | 0         | 1         | 25        | 0         | 0         | 4         | 32        | 57         |
| 8 ~ 9        | 1.97            | 56        | 700                | 0         | 0         | 1         | 25        | 1         | 15        | 2         | 16        | 56         |
| 9 ~ 10       | 6.69            | 190       | 890                | 1         | 80        | 1         | 25        | 3         | 45        | 5         | 40        | 190        |
| 10 ~ 11      | 0.00            | 0         | 890                | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 11 ~ 12      | 0.81            | 23        | 913                | 0         | 0         | 0         | 0         | 1         | 15        | 1         | 8         | 23         |
| Sub total    |                 | 913       |                    | 2         | 160       | 12        | 300       | 19        | 285       | 21        | 168       | 913        |
| 12 ~ 13      | 4.55            | 129       | 1,042              | 0         | 0         | 0         | 0         | 7         | 105       | 3         | 24        | 129        |
| 13 ~ 14      | 11.66           | 331       | 1,373              | 2         | 160       | 5         | 125       | 2         | 30        | 2         | 16        | 331        |
| 14 ~ 15      | 7.79            | 221       | 1,594              | 0         | 0         | 3         | 75        | 6         | 90        | 7         | 56        | 221        |
| 15 ~ 16      | 14.62           | 415       | 2,009              | 2         | 160       | 5         | 125       | 6         | 90        | 5         | 40        | 415        |
| 16 ~ 17      | 12.58           | 357       | 2,366              | 0         | 0         | 6         | 150       | 9         | 135       | 9         | 72        | 357        |
| 17 ~ 18      | 14.34           | 407       | 2,773              | 1         | 80        | 7         | 175       | 8         | 120       | 4         | 32        | 407        |
| 18 ~ 19      | 2.29            | 65        | 2,838              | 0         | 0         | 2         | 50        | 1         | 15        | 0         | 0         | 65         |
| 19 ~ 20      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 20 ~ 21      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 1,925     |                    | 5         | 400       | 28        | 700       | 39        | 585       | 30        | 240       | 1,925      |
| TOTAL        |                 | 2,838     |                    | 7         | 560       | 40        | 1,000     | 58        | 870       | 51        | 408       | 2,838      |

Sheet1

Result of Pumping Volume each Village

(Sampling date 1 March 1995)  
 Village name B. Lak 21 (7)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | 80        |           | 25        |           | 15        |           | 8         |           |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
|              |                 |           |                    | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) |
| 0 ~ 1        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 1 ~ 2        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 2 ~ 3        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 3 ~ 4        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 4 ~ 5        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 5 ~ 6        | 18.47           | 586       | 586                | 2         | 160       | 6         | 150       | 12        | 180       | 12        | 96        |
| 6 ~ 7        | 9.17            | 291       | 877                | 0         | 0         | 4         | 100       | 9         | 135       | 7         | 56        |
| 7 ~ 8        | 7.53            | 239       | 1,116              | 0         | 0         | 4         | 100       | 5         | 75        | 8         | 64        |
| 8 ~ 9        | 6.02            | 191       | 1,307              | 1         | 80        | 2         | 50        | 3         | 45        | 2         | 16        |
| 9 ~ 10       | 6.05            | 192       | 1,499              | 0         | 0         | 4         | 100       | 4         | 60        | 4         | 32        |
| 10 ~ 11      | 2.74            | 87        | 1,586              | 0         | 0         | 1         | 25        | 2         | 30        | 4         | 32        |
| 11 ~ 12      | 0.95            | 30        | 1,616              | 0         | 0         | 0         | 0         | 2         | 30        | 0         | 0         |
| Sub total    |                 | 1,616     |                    | 3         | 240       | 21        | 525       | 37        | 555       | 37        | 296       |
| 12 ~ 13      | 0.73            | 23        | 1,639              | 0         | 0         | 0         | 0         | 1         | 15        | 1         | 8         |
| 13 ~ 14      | 7.25            | 230       | 1,869              | 0         | 0         | 4         | 100       | 6         | 90        | 5         | 40        |
| 14 ~ 15      | 7.50            | 238       | 2,107              | 0         | 0         | 9         | 225       | 5         | 75        | 6         | 48        |
| 15 ~ 16      | 11.16           | 354       | 2,461              | 1         | 80        | 6         | 150       | 4         | 60        | 8         | 64        |
| 16 ~ 17      | 13.62           | 492       | 2,893              | 2         | 160       | 5         | 125       | 5         | 75        | 9         | 72        |
| 17 ~ 18      | 7.57            | 240       | 3,133              | 0         | 0         | 5         | 125       | 5         | 75        | 5         | 40        |
| 18 ~ 19      | 1.23            | 39        | 3,172              | 0         | 0         | 0         | 0         | 1         | 15        | 3         | 24        |
| 19 ~ 20      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 20 ~ 21      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 21 ~ 22      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 22 ~ 23      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| 23 ~ 24      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         |
| Sub total    |                 | 1,556     |                    | 3         | 240       | 29        | 725       | 27        | 405       | 37        | 296       |
| TOTAL        |                 | 3,172     |                    | 6         | 480       | 50        | 1,250     | 64        | 960       | 74        | 592       |
|              |                 |           |                    |           |           |           |           |           |           |           | 1,666     |
|              |                 |           |                    |           |           |           |           |           |           |           | 3,282     |



Result of Pumping Volume each Water Containers

(Sampling date 1 March 1995) 70 25 15 8  
 Village name B. Samkhanboua (1) (Volume 70Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Oil drum (Volume[1]) 25Lit Bucket(Volume[2]) |           | 15Lit Bucket(Volume[3]) |           | 5Lit Bucket(Volume[4]) |           | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|--|-----------|-------------------------|-----------|------------------------|-----------|------------|
|              |                 |           |                    | Personnel                                    | Volume[1] | Personnel               | Volume[2] | Personnel              | Volume[3] |            |
| 0 ~ 1        | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| 4 ~ 5        | 3.47            | 210       | 210                | 0  | 6         | 150                     | 4         | 60                     | 0         | 210        |
| 5 ~ 6        | 7.84            | 475       | 685                | 0  | 19        | 475                     | 0         | 0                      | 0         | 475        |
| 6 ~ 7        | 9.41            | 570       | 1,255              | 1  | 70        | 425                     | 5         | 75                     | 0         | 570        |
| 7 ~ 8        | 4.54            | 275       | 1,530              | 0  | 0         | 275                     | 0         | 0                      | 0         | 275        |
| 8 ~ 9        | 7.68            | 465       | 1,995              | 0  | 0         | 375                     | 6         | 90                     | 0         | 465        |
| 9 ~ 10       | 0.91            | 55        | 2,050              | 0  | 0         | 25                      | 2         | 30                     | 0         | 55         |
| 10 ~ 11      | 3.86            | 234       | 2,284              | 0  | 0         | 150                     | 4         | 60                     | 3         | 234        |
| 11 ~ 12      | 5.66            | 343       | 2,627              | 0  | 0         | 100                     | 13        | 195                    | 6         | 343        |
| Sub total    |                 | 2,627     |                    | 1  | 70        | 1,975                   | 34        | 510                    | 9         | 2,627      |
| 12 ~ 13      | 2.15            | 130       | 2,757              | 0  | 0         | 25                      | 7         | 105                    | 0         | 130        |
| 13 ~ 14      | 1.77            | 107       | 2,864              | 0  | 0         | 0                       | 5         | 75                     | 4         | 107        |
| 14 ~ 15      | 5.63            | 341       | 3,205              | 0  | 0         | 175                     | 10        | 150                    | 2         | 341        |
| 15 ~ 16      | 6.11            | 370       | 3,575              | 0  | 0         | 150                     | 12        | 180                    | 5         | 370        |
| 16 ~ 17      | 12.02           | 728       | 4,303              | 1  | 70        | 475                     | 9         | 135                    | 6         | 728        |
| 17 ~ 18      | 8.67            | 525       | 4,828              | 0  | 0         | 450                     | 5         | 75                     | 0         | 525        |
| 18 ~ 19      | 9.99            | 605       | 5,433              | 0  | 0         | 325                     | 16        | 240                    | 5         | 605        |
| 19 ~ 20      | 10.32           | 625       | 6,058              | 0  | 0         | 475                     | 10        | 150                    | 0         | 625        |
| 20 ~ 21      | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0  | 0         | 0                       | 0         | 0                      | 0         | 0          |
| Sub total    |                 | 3,431     |                    | 1  | 70        | 2,075                   | 74        | 1,110                  | 22        | 3,431      |
| TOTAL        |                 | 6,058     |                    | 2  | 140       | 4,050                   | 108       | 1,620                  | 31        | 6,058      |

Result of Pumping Volume each Water Containers

(Sampling date 2 March 1995) 70 25 15 8  
 Village name B. Samkhanboua (2) (Volume 70Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Oil drum (Volume[1]) 25Lit Bucket(Volume[2]) 15Lit Bucket(Volume[3]) 5Lit Bucket(Volume[4]) |           | TOTAL(Lit) |           |
|--------------|-----------------|-----------|--------------------|---|-----------|------------|-----------|
|              |                 |           |                    | Personnel   | Volume[1] |            | Personnel |
| 0 ~ 1        | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| 1 ~ 2        | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| 2 ~ 3        | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| 3 ~ 4        | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| 4 ~ 5        | 10.83           | 600       | 600                | 12  | 300       | 20         |           |
| 5 ~ 6        | 11.95           | 662       | 1,262              | 12  | 300       | 22         |           |
| 6 ~ 7        | 2.53            | 140       | 1,402              | 2   | 50        | 6          |           |
| 7 ~ 8        | 2.17            | 120       | 1,522              | 3   | 75        | 3          |           |
| 8 ~ 9        | 1.82            | 101       | 1,623              | 1   | 25        | 4          |           |
| 9 ~ 10       | 6.80            | 377       | 2,000              | 9   | 225       | 8          |           |
| 10 ~ 11      | 5.34            | 296       | 2,296              | 6   | 150       | 6          |           |
| 11 ~ 12      | 4.51            | 250       | 2,546              | 4   | 100       | 10         |           |
| Sub total    |                 | 2,546     |                    | 49  | 1,225     | 79         |           |
| 12 ~ 13      | 5.29            | 293       | 2,839              | 9   | 225       | 4          |           |
| 13 ~ 14      | 3.43            | 190       | 3,029              | 4   | 100       | 6          |           |
| 14 ~ 15      | 7.31            | 405       | 3,434              | 6   | 150       | 17         |           |
| 15 ~ 16      | 9.55            | 529       | 3,963              | 10  | 250       | 17         |           |
| 16 ~ 17      | 6.19            | 343       | 4,306              | 8   | 200       | 9          |           |
| 17 ~ 18      | 14.62           | 810       | 5,116              | 21  | 525       | 19         |           |
| 18 ~ 19      | 2.94            | 163       | 5,279              | 1   | 25        | 4          |           |
| 19 ~ 20      | 4.75            | 263       | 5,542              | 6   | 150       | 7          |           |
| 20 ~ 21      | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| 21 ~ 22      | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| 22 ~ 23      | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| 23 ~ 24      | 0               | 0         | 0                  | 0   | 0         | 0          |           |
| Sub total    |                 | 2,996     |                    | 65  | 1,625     | 83         |           |
| TOTAL        |                 | 5,542     |                    | 114   | 2,850     | 162        |           |

Result of Pumping Volume each Water Containers

(Sampling date 3 March 1995)  
 Village name B. Samkhanboua (3)

8

15

25

(Volume 8Lit)

(Volume 15Lit)

(Volume 25Lit)

(Volume 70Lit)

(Volume 25Lit)

(Volume 15Lit)

(Volume 8Lit)

Oil drum (Volume[1]) 25Lit Bucket(Volume[2]) 15Lit Bucket(Volume[3]) 5Lit Bucket(Volume[4])

| Pumping time | % Of Times rate | Volume(L) | Amount Supply(Lit) | Personnel | Volume[1] | Personnel | Volume[2] | Personnel | Volume[3] | Personnel | Volume[4] | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 7.43            | 480       | 480                | 0         | 12        | 12        | 300       | 12        | 180       | 0         | 0         | 480        |
| 5 ~ 6        | 5.51            | 356       | 836                | 0         | 6         | 6         | 150       | 10        | 150       | 7         | 56        | 356        |
| 6 ~ 7        | 5.26            | 340       | 1,176              | 0         | 6         | 6         | 150       | 10        | 150       | 5         | 40        | 340        |
| 7 ~ 8        | 8.03            | 519       | 1,695              | 0         | 9         | 9         | 225       | 18        | 270       | 3         | 24        | 519        |
| 8 ~ 9        | 7.59            | 490       | 2,185              | 0         | 7         | 7         | 175       | 21        | 315       | 0         | 0         | 490        |
| 9 ~ 10       | 5.96            | 385       | 2,570              | 0         | 7         | 7         | 175       | 14        | 210       | 0         | 0         | 385        |
| 10 ~ 11      | 2.80            | 181       | 2,751              | 0         | 3         | 3         | 75        | 6         | 90        | 2         | 16        | 181        |
| 11 ~ 12      | 10.51           | 679       | 3,430              | 0         | 16        | 16        | 400       | 17        | 255       | 3         | 24        | 679        |
| Sub total    |                 | 3,430     |                    | 0         | 66        | 66        | 1,650     | 108       | 1,620     | 20        | 160       | 3,430      |
| 12 ~ 13      | 1.90            | 123       | 3,553              | 0         | 1         | 1         | 25        | 6         | 90        | 1         | 8         | 123        |
| 13 ~ 14      | 3.25            | 210       | 3,763              | 0         | 3         | 3         | 75        | 9         | 135       | 0         | 0         | 210        |
| 14 ~ 15      | 8.05            | 520       | 4,283              | 0         | 10        | 10        | 250       | 18        | 270       | 0         | 0         | 520        |
| 15 ~ 16      | 8.65            | 559       | 4,842              | 0         | 10        | 10        | 250       | 19        | 285       | 3         | 24        | 559        |
| 16 ~ 17      | 14.58           | 942       | 5,784              | 0         | 19        | 19        | 475       | 29        | 435       | 4         | 32        | 942        |
| 17 ~ 18      | 2.32            | 150       | 5,934              | 0         | 3         | 3         | 75        | 5         | 75        | 0         | 0         | 150        |
| 18 ~ 19      | 4.66            | 301       | 6,235              | 1         | 5         | 5         | 125       | 6         | 90        | 2         | 16        | 301        |
| 19 ~ 20      | 3.48            | 225       | 6,460              | 0         | 6         | 6         | 150       | 5         | 75        | 0         | 0         | 225        |
| 20 ~ 21      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 3,030     |                    | 1         | 70        | 57        | 1,425     | 97        | 1,455     | 10        | 80        | 3,030      |
| TOTAL        |                 | 6,460     |                    | 1         | 70        | 123       | 3,075     | 205       | 3,075     | 30        | 240       | 6,460      |

Result of Pumping Volume each Water Containers

(Sampling date 4 March 1995)

Village name B. Samkhanboua (4)

8

15

25

70

150

250

500

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Oil drum (Volume[1]) 25Lit Bucket(Volume[2]) |           | (Volume 25Lit) |           | 15Lit Bucket(Volume[3]) |           | (Volume 15Lit) |           | 5Lit Bucket(Volume[4]) |     | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|--|-----------|----------------|-----------|-------------------------|-----------|----------------|-----------|------------------------|-----|------------|
|              |                 |           |                    | Personnel                                    | Volume[1] | Personnel      | Volume[2] | Personnel               | Volume[3] | Personnel      | Volume[4] |                        |     |            |
| 0 ~ 1        | 0               | 0         | 0                  | 0  | 0         | 0              | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0  | 0         | 0              | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0  | 0         | 0              | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 0          |
| 3 ~ 4        | 0.45            | 25        | 25                 | 1  | 25        | 25             | 25        | 0                       | 0         | 0              | 0         | 0                      | 0   | 25         |
| 4 ~ 5        | 12.31           | 685       | 710                | 22   | 550       | 550            | 9         | 135                     | 135       | 0              | 0         | 0                      | 0   | 685        |
| 5 ~ 6        | 8.14            | 453       | 1,163              | 13   | 325       | 325            | 8         | 120                     | 120       | 1              | 8         | 8                      | 8   | 453        |
| 6 ~ 7        | 6.74            | 375       | 1,538              | 9  | 225       | 225            | 10        | 150                     | 150       | 0              | 0         | 0                      | 0   | 375        |
| 7 ~ 8        | 8.70            | 484       | 2,022              | 7  | 175       | 175            | 19        | 285                     | 285       | 3              | 24        | 24                     | 24  | 484        |
| 8 ~ 9        | 4.37            | 243       | 2,285              | 4  | 100       | 100            | 9         | 135                     | 135       | 1              | 8         | 8                      | 8   | 243        |
| 9 ~ 10       | 8.63            | 480       | 2,745              | 12   | 300       | 300            | 12        | 180                     | 180       | 0              | 0         | 0                      | 0   | 480        |
| 10 ~ 11      | 4.24            | 236       | 2,981              | 4  | 100       | 100            | 8         | 120                     | 120       | 2              | 16        | 16                     | 16  | 236        |
| 11 ~ 12      | 3.61            | 201       | 3,182              | 2  | 50        | 50             | 9         | 135                     | 135       | 2              | 16        | 16                     | 16  | 201        |
| Sub total    |                 | 3,182     |                    | 74   | 1,850     | 1,850          | 84        | 1,260                   | 1,260     | 9              | 72        | 72                     | 72  | 3,182      |
| 12 ~ 13      | 7.96            | 443       | 3,625              | 5  | 125       | 125            | 18        | 270                     | 270       | 6              | 48        | 48                     | 48  | 443        |
| 13 ~ 14      | 6.74            | 375       | 4,000              | 8  | 200       | 200            | 7         | 105                     | 105       | 0              | 0         | 0                      | 0   | 375        |
| 14 ~ 15      | 3.86            | 215       | 4,215              | 5  | 125       | 125            | 6         | 90                      | 90        | 0              | 0         | 0                      | 0   | 215        |
| 15 ~ 16      | 5.93            | 330       | 4,545              | 3  | 75        | 75             | 17        | 255                     | 255       | 0              | 0         | 0                      | 0   | 330        |
| 16 ~ 17      | 6.94            | 386       | 4,931              | 4  | 100       | 100            | 18        | 270                     | 270       | 2              | 16        | 16                     | 16  | 386        |
| 17 ~ 18      | 6.52            | 363       | 5,294              | 10   | 250       | 250            | 7         | 105                     | 105       | 1              | 8         | 8                      | 8   | 363        |
| 18 ~ 19      | 3.95            | 220       | 5,514              | 7  | 175       | 175            | 3         | 45                      | 45        | 0              | 0         | 0                      | 0   | 220        |
| 19 ~ 20      | 0.90            | 50        | 5,564              | 2  | 50        | 50             | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 50         |
| 20 ~ 21      | 0               | 0         | 0                  | 0  | 0         | 0              | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 0          |
| 21 ~ 22      | 0               | 0         | 0                  | 0  | 0         | 0              | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 0          |
| 22 ~ 23      | 0               | 0         | 0                  | 0  | 0         | 0              | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0  | 0         | 0              | 0         | 0                       | 0         | 0              | 0         | 0                      | 0   | 0          |
| Sub total    |                 | 2,382     |                    | 44   | 1,100     | 1,100          | 76        | 1,140                   | 1,140     | 9              | 72        | 72                     | 72  | 2,382      |
| TOTAL        |                 | 5,564     |                    | 118  | 2,950     | 2,950          | 160       | 2,400                   | 2,400     | 18             | 144       | 144                    | 144 | 5,564      |

Result of Pumping Volume each Water Containers

(Sampling date 5 March 1995)

Village name B. Samkharboua (5)

70

25

15

8

(Volume 70Lit)

(Volume 25Lit)

(Volume 15Lit)

(Volume 8Lit)

Oil drum (Volume[1]) 25Lit Bucket(Volume[2]) 15Lit Bucket(Volume[3]) 5Lit Bucket(Volume[4])

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Personnel | Volume[1] | Personnel | Volume[2] | Personnel | Volume[3] | Personnel | Volume[4] | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 7.01            | 430       | 430                | 0         | 10        | 250       | 12        | 180       | 0         | 0         | 430       | 430        |
| 5 ~ 6        | 4.56            | 280       | 710                | 0         | 4         | 100       | 12        | 180       | 0         | 0         | 280       | 280        |
| 6 ~ 7        | 4.99            | 306       | 1,016              | 0         | 5         | 125       | 11        | 165       | 2         | 16        | 306       | 306        |
| 7 ~ 8        | 6.93            | 425       | 1,441              | 0         | 10        | 250       | 9         | 135       | 5         | 40        | 425       | 425        |
| 8 ~ 9        | 6.19            | 380       | 1,821              | 1         | 10        | 250       | 4         | 60        | 0         | 0         | 380       | 380        |
| 9 ~ 10       | 3.33            | 204       | 2,025              | 0         | 3         | 75        | 7         | 105       | 3         | 24        | 204       | 204        |
| 10 ~ 11      | 5.02            | 308       | 2,333              | 0         | 5         | 125       | 9         | 135       | 6         | 48        | 308       | 308        |
| 11 ~ 12      | 7.22            | 443       | 2,776              | 0         | 6         | 150       | 19        | 285       | 1         | 8         | 443       | 443        |
| Sub total    |                 | 2,776     |                    | 1         | 70        | 53        | 1,325     | 83        | 1,245     | 17        | 136       | 2,776      |
| 12 ~ 13      | 4.08            | 250       | 3,026              | 0         | 0         | 100       | 10        | 150       | 0         | 0         | 250       | 250        |
| 13 ~ 14      | 4.76            | 292       | 3,318              | 0         | 0         | 125       | 9         | 135       | 4         | 32        | 292       | 292        |
| 14 ~ 15      | 6.08            | 373       | 3,691              | 0         | 0         | 125       | 16        | 240       | 1         | 8         | 373       | 373        |
| 15 ~ 16      | 11.92           | 731       | 4,422              | 0         | 0         | 550       | 11        | 165       | 2         | 16        | 731       | 731        |
| 16 ~ 17      | 9.13            | 560       | 4,982              | 0         | 0         | 200       | 24        | 360       | 0         | 0         | 560       | 560        |
| 17 ~ 18      | 8.35            | 512       | 5,494              | 0         | 0         | 225       | 17        | 255       | 4         | 32        | 512       | 512        |
| 18 ~ 19      | 6.28            | 385       | 5,879              | 0         | 0         | 250       | 9         | 135       | 0         | 0         | 385       | 385        |
| 19 ~ 20      | 4.16            | 255       | 6,134              | 0         | 0         | 225       | 2         | 30        | 0         | 0         | 255       | 255        |
| 20 ~ 21      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0.00            | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 3,358     |                    | 0         | 0         | 1,800     | 98        | 1,470     | 11        | 88        | 3,358     | 3,358      |
| TOTAL        |                 | 6,134     |                    | 1         | 70        | 125       | 3,125     | 181       | 2,715     | 28        | 224       | 6,134      |

Result of Pumping Volume each Water Containers

(Sampling date 6 March 1995)  
 Village name B. Samkhanboua (6)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | 70 (Volume 70Lit) |           | 25 (Volume 25Lit) |           | 15 (Volume 15Lit) |           | 8 (Volume 8Lit) |           |
|--------------|-----------------|-----------|--------------------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-----------------|-----------|
|              |                 |           |                    | Personnel         | Volume[1] | Personnel         | Volume[2] | Personnel         | Volume[3] | Personnel       | Volume[4] |
| 0 ~ 1        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 1 ~ 2        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 2 ~ 3        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 3 ~ 4        | 0               | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 4 ~ 5        | 5.09            | 335       | 335                | 0                 | 11        | 275               | 4         | 60                | 0         | 0               | 335       |
| 5 ~ 6        | 4.37            | 288       | 623                | 0                 | 7         | 175               | 7         | 105               | 1         | 8               | 288       |
| 6 ~ 7        | 5.69            | 375       | 998                | 1                 | 70        | 175               | 6         | 90                | 5         | 40              | 375       |
| 7 ~ 8        | 7.47            | 492       | 1,490              | 0                 | 0         | 250               | 14        | 210               | 4         | 32              | 492       |
| 8 ~ 9        | 4.51            | 297       | 1,787              | 0                 | 7         | 175               | 6         | 90                | 4         | 32              | 297       |
| 9 ~ 10       | 7.56            | 498       | 2,285              | 1                 | 70        | 200               | 12        | 180               | 6         | 48              | 498       |
| 10 ~ 11      | 8.77            | 578       | 2,863              | 0                 | 0         | 450               | 8         | 120               | 1         | 8               | 578       |
| 11 ~ 12      | 4.74            | 312       | 3,175              | 0                 | 0         | 100               | 12        | 180               | 4         | 32              | 312       |
| Sub total    |                 | 3,175     |                    | 2                 | 140       | 1,800             | 69        | 1,035             | 25        | 200             | 3,175     |
| 12 ~ 13      | 6.45            | 425       | 3,600              | 1                 | 70        | 150               | 11        | 165               | 5         | 40              | 425       |
| 13 ~ 14      | 4.39            | 289       | 3,889              | 0                 | 0         | 100               | 11        | 165               | 3         | 24              | 289       |
| 14 ~ 15      | 6.09            | 401       | 4,290              | 0                 | 0         | 175               | 14        | 210               | 2         | 16              | 401       |
| 15 ~ 16      | 4.20            | 277       | 4,567              | 0                 | 0         | 125               | 8         | 120               | 4         | 32              | 277       |
| 16 ~ 17      | 7.76            | 511       | 5,078              | 0                 | 0         | 200               | 17        | 255               | 7         | 56              | 511       |
| 17 ~ 18      | 11.08           | 730       | 5,808              | 0                 | 0         | 400               | 22        | 330               | 0         | 0               | 730       |
| 18 ~ 19      | 6.93            | 450       | 6,258              | 0                 | 0         | 300               | 10        | 150               | 0         | 0               | 450       |
| 19 ~ 20      | 5.01            | 330       | 6,588              | 0                 | 0         | 300               | 2         | 30                | 0         | 0               | 330       |
| 20 ~ 21      | 0.00            | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 21 ~ 22      | 0.00            | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 22 ~ 23      | 0.00            | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 23 ~ 24      | 0.00            | 0         | 0                  | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| Sub total    |                 | 3,413     |                    | 1                 | 70        | 1,750             | 95        | 1,425             | 21        | 168             | 3,413     |
| TOTAL        |                 | 6,588     |                    | 3                 | 210       | 3,550             | 164       | 2,460             | 46        | 368             | 6,588     |

Result of Pumping Volume each Water Containers

(Sampling date 7 March 1995) 70 25 15 8  
 Village name B. Samkhanboua (7) (Volume 70Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)  
 Oil drum (Volume[1]) 25Lit Bucket(Volume[2]) 15Lit Bucket(Volume[3]) 5Lit Bucket(Volume[4])

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Personnel | Volume[1] | Personnel | Volume[2] | Personnel | Volume[3] | Personnel | Volume[4] | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 10.16           | 706       | 706                | 1         | 70        | 16        | 400       | 12        | 180       | 7         | 56        | 706        |
| 5 ~ 6        | 7.61            | 529       | 1,235              | 0         | 0         | 10        | 250       | 17        | 255       | 3         | 24        | 529        |
| 6 ~ 7        | 5.34            | 371       | 1,606              | 1         | 70        | 2         | 50        | 13        | 195       | 7         | 56        | 371        |
| 7 ~ 8        | 8.65            | 601       | 2,207              | 1         | 70        | 10        | 250       | 15        | 225       | 7         | 56        | 601        |
| 8 ~ 9        | 6.82            | 474       | 2,681              | 0         | 0         | 11        | 275       | 9         | 135       | 8         | 64        | 474        |
| 9 ~ 10       | 5.07            | 352       | 3,033              | 0         | 0         | 5         | 125       | 13        | 195       | 4         | 32        | 352        |
| 10 ~ 11      | 5.48            | 381       | 3,414              | 0         | 0         | 11        | 275       | 6         | 90        | 2         | 16        | 381        |
| 11 ~ 12      | 3.51            | 244       | 3,658              | 0         | 0         | 1         | 25        | 13        | 195       | 3         | 24        | 244        |
| Sub total    |                 | 3,658     |                    | 3         | 210       | 66        | 1,650     | 98        | 1,470     | 41        | 328       | 3,658      |
| 12 ~ 13      | 5.24            | 364       | 4,022              | 0         | 0         | 7         | 175       | 11        | 165       | 3         | 24        | 364        |
| 13 ~ 14      | 4.49            | 312       | 4,334              | 0         | 0         | 4         | 100       | 12        | 180       | 4         | 32        | 312        |
| 14 ~ 15      | 6.02            | 418       | 4,752              | 0         | 0         | 10        | 250       | 8         | 120       | 6         | 48        | 418        |
| 15 ~ 16      | 6.81            | 473       | 5,225              | 1         | 70        | 8         | 200       | 13        | 195       | 1         | 8         | 473        |
| 16 ~ 17      | 9.80            | 681       | 5,906              | 0         | 0         | 19        | 475       | 10        | 150       | 7         | 56        | 681        |
| 17 ~ 18      | 7.40            | 514       | 6,420              | 0         | 0         | 13        | 325       | 11        | 165       | 3         | 24        | 514        |
| 18 ~ 19      | 5.54            | 385       | 6,805              | 0         | 0         | 7         | 175       | 14        | 210       | 0         | 0         | 385        |
| 19 ~ 20      | 2.06            | 143       | 6,948              | 0         | 0         | 3         | 75        | 4         | 60        | 1         | 8         | 143        |
| 20 ~ 21      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 3,290     |                    | 3         | 280       | 71        | 1,775     | 83        | 1,245     | 25        | 200       | 3,290      |
| TOTAL        |                 | 6,948     |                    | 3         | 280       | 137       | 3,425     | 181       | 2,715     | 66        | 528       | 6,948      |

Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 24 Feb 1995)  
 Village name B. Beng (1)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | 150             |                 | 25             |                | 15             |                | 8             |               |            |
|--------------|-----------------|-----------|--------------------|-----------------|-----------------|----------------|----------------|----------------|----------------|---------------|---------------|------------|
|              |                 |           |                    | (Volume 150Lit) | (Volume 150Lit) | (Volume 25Lit) | (Volume 25Lit) | (Volume 15Lit) | (Volume 15Lit) | (Volume 8Lit) | (Volume 8Lit) |            |
|              |                 |           |                    | Personal        | Volume[1]       | Personal       | Volume[2]      | Personal       | Volume[3]      | Personal      | Volume[4]     | TOTAL(Lit) |
| 0 ~ 1        | 0               | 0         | 0                  | 0               | 0               | 0              | 0              | 0              | 0              | 0             | 0             | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0               | 0               | 0              | 0              | 0              | 0              | 0             | 0             | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0               | 0               | 0              | 0              | 0              | 0              | 0             | 0             | 0          |
| 3 ~ 4        | 4.30            | 600       | 600                | 4               | 600             | 0              | 0              | 0              | 0              | 0             | 0             | 600        |
| 4 ~ 5        | 8.82            | 1,230     | 1,830              | 3               | 450             | 8              | 200            | 20             | 300            | 35            | 280           | 1,230      |
| 5 ~ 6        | 8.22            | 1,146     | 2,976              | 4               | 600             | 18             | 450            | 0              | 0              | 12            | 96            | 1,146      |
| 6 ~ 7        | 1.05            | 147       | 3,123              | 0               | 0               | 0              | 0              | 5              | 75             | 9             | 72            | 147        |
| 7 ~ 8        | 6.67            | 929       | 4,052              | 4               | 600             | 6              | 150            | 5              | 75             | 13            | 104           | 929        |
| 8 ~ 9        | 6.06            | 844       | 4,886              | 4               | 600             | 1              | 25             | 5              | 75             | 18            | 144           | 844        |
| 9 ~ 10       | 5.20            | 725       | 5,621              | 3               | 450             | 0              | 0              | 5              | 75             | 25            | 200           | 725        |
| 10 ~ 11      | 7.75            | 1,080     | 6,701              | 5               | 750             | 0              | 0              | 6              | 90             | 30            | 240           | 1,080      |
| 11 ~ 12      | 20.78           | 2,896     | 9,597              | 8               | 1,200           | 25             | 625            | 33             | 495            | 72            | 576           | 2,896      |
| Sub total    |                 | 9,597     |                    | 35              | 5,250           | 58             | 1,450          | 79             | 1,185          | 214           | 1,712         | 9,597      |
| 12 ~ 13      | 5.78            | 805       | 10,402             | 4               | 600             | 1              | 25             | 4              | 60             | 15            | 120           | 805        |
| 13 ~ 14      | 1.38            | 193       | 10,595             | 0               | 0               | 0              | 0              | 7              | 105            | 11            | 88            | 193        |
| 14 ~ 15      | 4.23            | 590       | 11,185             | 3               | 450             | 2              | 50             | 6              | 90             | 0             | 0             | 590        |
| 15 ~ 16      | 1.94            | 270       | 11,455             | 1               | 150             | 3              | 75             | 3              | 45             | 0             | 0             | 270        |
| 16 ~ 17      | 3.38            | 471       | 11,926             | 2               | 300             | 0              | 0              | 5              | 75             | 12            | 96            | 471        |
| 17 ~ 18      | 10.25           | 1,428     | 13,354             | 6               | 900             | 12             | 300            | 12             | 180            | 6             | 48            | 1,428      |
| 18 ~ 19      | 2.07            | 288       | 13,642             | 0               | 0               | 10             | 250            | 6              | 90             | 6             | 48            | 288        |
| 19 ~ 20      | 2.12            | 296       | 13,938             | 0               | 0               | 6              | 150            | 6              | 90             | 7             | 56            | 296        |
| 20 ~ 21      | 0               | 0         | 0                  | 0               | 0               | 0              | 0              | 0              | 0              | 0             | 0             | 0          |
| 21 ~ 22      | 0               | 0         | 0                  | 0               | 0               | 0              | 0              | 0              | 0              | 0             | 0             | 0          |
| 22 ~ 23      | 0               | 0         | 0                  | 0               | 0               | 0              | 0              | 0              | 0              | 0             | 0             | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0               | 0               | 0              | 0              | 0              | 0              | 0             | 0             | 0          |
| Sub total    |                 | 4,341     |                    | 16              | 2,400           | 34             | 850            | 49             | 735            | 57            | 456           | 4,341      |
| TOTAL        |                 | 13,938    |                    | 51              | 7,650           | 92             | 2,300          | 128            | 1,920          | 271           | 2,168         | 13,938     |



Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 25 Feb 1995)

Village name B. Beng (2)

150 25 15 8

(Volume 150Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

Oil dran(Volume[1]) 30Lit Bucket(Volume[2]) 20Lite Bucket(Volume[3]) 10Lit Bucket(Volume[4])

| Pumping time | % of times rate | Volume(L) | Amount Supply(Lit) | Personal | Volume[1] | Personal | Volume[2] | Personal | Volume[3] | Personal | Volume[4] | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 4 ~ 5        | 3.63            | 709       | 709                | 1        | 150       | 0        | 0         | 33       | 495       | 8        | 64        | 709        |
| 5 ~ 6        | 12.29           | 2,402     | 3,111              | 11       | 1,650     | 0        | 0         | 40       | 600       | 19       | 152       | 2,402      |
| 6 ~ 7        | 4.97            | 971       | 4,082              | 5        | 750       | 4        | 100       | 7        | 105       | 2        | 16        | 971        |
| 7 ~ 8        | 2.83            | 553       | 4,635              | 0        | 0         | 14       | 350       | 13       | 195       | 1        | 8         | 553        |
| 8 ~ 9        | 1.94            | 380       | 5,015              | 0        | 0         | 8        | 200       | 12       | 180       | 0        | 0         | 380        |
| 9 ~ 10       | 1.84            | 360       | 5,375              | 0        | 0         | 6        | 150       | 14       | 210       | 0        | 0         | 360        |
| 10 ~ 11      | 1.53            | 300       | 5,675              | 0        | 0         | 12       | 300       | 0        | 0         | 0        | 0         | 300        |
| 11 ~ 12      | 15.28           | 2,987     | 8,662              | 8        | 1,200     | 53       | 1,325     | 18       | 270       | 24       | 192       | 2,987      |
| Sub total    |                 | 8,662     |                    | 25       | 3,750     | 97       | 2,425     | 137      | 2,055     | 54       | 432       | 8,662      |
| 12 ~ 13      | 10.75           | 2,102     | 10,764             | 8        | 1,200     | 14       | 350       | 24       | 360       | 24       | 192       | 2,102      |
| 13 ~ 14      | 4.85            | 948       | 11,712             | 2        | 300       | 24       | 600       | 0        | 0         | 6        | 48        | 948        |
| 14 ~ 15      | 6.14            | 1,201     | 12,913             | 4        | 600       | 12       | 300       | 11       | 165       | 17       | 136       | 1,201      |
| 15 ~ 16      | 3.60            | 704       | 13,617             | 2        | 300       | 12       | 300       | 0        | 0         | 13       | 104       | 704        |
| 16 ~ 17      | 6.72            | 1,313     | 14,930             | 3        | 450       | 12       | 300       | 29       | 435       | 16       | 128       | 1,313      |
| 17 ~ 18      | 7.52            | 1,470     | 16,400             | 6        | 900       | 12       | 300       | 18       | 270       | 0        | 0         | 1,470      |
| 18 ~ 19      | 3.42            | 668       | 17,068             | 0        | 0         | 24       | 600       | 4        | 60        | 1        | 8         | 668        |
| 19 ~ 20      | 3.49            | 683       | 17,751             | 4        | 600       | 0        | 0         | 5        | 75        | 1        | 8         | 683        |
| 20 ~ 21      | 3.07            | 600       | 18,351             | 4        | 600       | 0        | 0         | 0        | 0         | 0        | 0         | 600        |
| 21 ~ 22      | 6.14            | 1,200     | 19,551             | 8        | 1,200     | 0        | 0         | 0        | 0         | 0        | 0         | 1,200      |
| 22 ~ 23      | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| Sub total    |                 | 10,889    |                    | 33       | 4,950     | 110      | 2,750     | 91       | 1,365     | 78       | 624       | 10,889     |
| TOTAL        |                 | 19,551    | 5,872              | 58       | 8,700     | 207      | 5,175     | 228      | 3,420     | 132      | 1,056     | 19,551     |

Sheet 1

26  
 (Sampling date 25/ Feb 1995)  
 Village name B. Beng (3)

Result of Pumping Volume each Water Containers

150 25 15 8

(Volume 150Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)  
 0.5L drum(Volume[1]) 30Lit Bucket(Volume[2]) 20Lite Bucket(Volume[3]) 10Lit Bucket(Volume[4])

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Personal | Volume[1] | Personal | Volume[2] | Personal | Volume[3] | Personal | Volume[4] | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 4 ~ 5        | 6.91            | 1,032     | 1,032              | 5        | 750       | 2        | 50        | 0        | 0         | 29       | 232       | 1,032      |
| 5 ~ 6        | 3.95            | 590       | 1,622              | 2        | 300       | 10       | 250       | 0        | 0         | 5        | 40        | 590        |
| 6 ~ 7        | 3.04            | 454       | 2,076              | 1        | 150       | 8        | 200       | 0        | 0         | 13       | 104       | 454        |
| 7 ~ 8        | 2.08            | 310       | 2,386              | 0        | 0         | 0        | 0         | 10       | 150       | 20       | 160       | 310        |
| 8 ~ 9        | 4.26            | 636       | 3,022              | 2        | 300       | 8        | 200       | 0        | 0         | 17       | 136       | 636        |
| 9 ~ 10       | 3.00            | 448       | 3,470              | 0        | 0         | 8        | 200       | 8        | 120       | 16       | 128       | 448        |
| 10 ~ 11      | 4.02            | 600       | 4,070              | 4        | 600       | 0        | 0         | 0        | 0         | 0        | 0         | 600        |
| 11 ~ 12      | 6.96            | 1,040     | 5,110              | 4        | 600       | 8        | 200       | 16       | 240       | 0        | 0         | 1,040      |
| Sub total    |                 | 5,110     |                    | 18       | 2,700     | 44       | 1,100     | 34       | 510       | 100      | 800       | 5,110      |
| 12 ~ 13      | 4.85            | 724       | 5,834              | 4        | 600       | 0        | 0         | 4        | 60        | 8        | 64        | 724        |
| 13 ~ 14      | 3.04            | 454       | 6,288              | 1        | 150       | 8        | 200       | 0        | 0         | 13       | 104       | 454        |
| 14 ~ 15      | 7.73            | 1,155     | 7,443              | 6        | 900       | 5        | 125       | 6        | 90        | 5        | 40        | 1,155      |
| 15 ~ 16      | 11.12           | 1,660     | 9,103              | 6        | 900       | 20       | 500       | 12       | 180       | 10       | 80        | 1,660      |
| 16 ~ 17      | 11.22           | 1,676     | 10,779             | 4        | 600       | 16       | 400       | 28       | 420       | 32       | 256       | 1,676      |
| 17 ~ 18      | 11.75           | 1,755     | 12,534             | 8        | 1,200     | 9        | 225       | 22       | 330       | 0        | 0         | 1,755      |
| 18 ~ 19      | 4.51            | 674       | 13,208             | 3        | 450       | 8        | 200       | 0        | 0         | 3        | 24        | 674        |
| 19 ~ 20      | 4.76            | 711       | 13,919             | 3        | 450       | 8        | 200       | 3        | 45        | 2        | 16        | 711        |
| 20 ~ 21      | 1.77            | 265       | 14,184             | 1        | 150       | 4        | 100       | 1        | 15        | 0        | 0         | 265        |
| 21 ~ 22      | 5.02            | 750       | 14,934             | 5        | 750       | 0        | 0         | 0        | 0         | 0        | 0         | 750        |
| 22 ~ 23      | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| Sub total    |                 | 9,824     |                    | 36       | 5,400     | 78       | 1,950     | 76       | 1,140     | 73       | 584       | 9,824      |
| TOTAL        |                 | 14,934    |                    | 54       | 8,100     | 122      | 3,050     | 110      | 1,650     | 173      | 1,384     | 14,934     |

Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 27 Feb 1995) 150 25 15 8  
 Village name B. Beng (4) (Volume 150Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | 30Lit Bucket(Volume[1]) |           | 20Lite Bucket(Volume[3]) |           | 10Lit Bucket(Volume[4]) |           | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|-------------------------|-----------|--------------------------|-----------|-------------------------|-----------|------------|
|              |                 |           |                    | Personal                | Volume[1] | Personal                 | Volume[2] | Personal                | Volume[3] |            |
| 0 ~ 1        |                 | 0         | 0                  | 0                       | 0         | 0                        | 0         | 0                       | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0                       | 0         | 0                        | 0         | 0                       | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0                       | 0         | 0                        | 0         | 0                       | 0         | 0          |
| 3 ~ 4        | 0.00            | 0         | 0                  | 0                       | 0         | 0                        | 0         | 0                       | 0         | 0          |
| 4 ~ 5        | 4.41            | 869       | 869                | 0                       | 0         | 15                       | 375       | 18                      | 270       | 224        |
| 5 ~ 6        | 3.42            | 674       | 1,543              | 0                       | 0         | 8                        | 200       | 22                      | 330       | 144        |
| 6 ~ 7        | 0.94            | 186       | 1,729              | 0                       | 0         | 3                        | 75        | 1                       | 15        | 96         |
| 7 ~ 8        | 0.00            | 0         | 1,729              | 0                       | 0         | 0                        | 0         | 0                       | 0         | 0          |
| 8 ~ 9        | 0.76            | 150       | 1,879              | 1                       | 150       | 0                        | 0         | 0                       | 0         | 150        |
| 9 ~ 10       | 5.69            | 1,122     | 3,001              | 2                       | 300       | 12                       | 300       | 22                      | 330       | 1,122      |
| 10 ~ 11      | 4.80            | 947       | 3,948              | 1                       | 150       | 17                       | 425       | 12                      | 180       | 947        |
| 11 ~ 12      | 5.69            | 1,122     | 5,070              | 1                       | 150       | 24                       | 600       | 12                      | 180       | 1,122      |
| Sub total    |                 | 5,070     |                    | 5                       | 750       | 79                       | 1,975     | 87                      | 1,305     | 1,040      |
| 1.2 ~ 1.3    | 6.78            | 1,337     | 6,407              | 1                       | 150       | 29                       | 725       | 18                      | 270       | 1,337      |
| 1.3 ~ 1.4    | 7.99            | 1,575     | 7,982              | 1                       | 150       | 36                       | 900       | 19                      | 285       | 1,575      |
| 1.4 ~ 1.5    | 7.37            | 1,453     | 9,435              | 4                       | 600       | 12                       | 300       | 23                      | 345       | 1,453      |
| 1.5 ~ 1.6    | 8.37            | 1,650     | 11,085             | 4                       | 600       | 18                       | 450       | 24                      | 360       | 1,650      |
| 1.6 ~ 1.7    | 7.31            | 1,442     | 12,527             | 3                       | 450       | 18                       | 450       | 22                      | 330       | 1,422      |
| 1.7 ~ 1.8    | 9.55            | 1,882     | 14,409             | 4                       | 600       | 26                       | 650       | 24                      | 360       | 1,882      |
| 1.8 ~ 1.9    | 7.00            | 1,381     | 15,790             | 2                       | 300       | 22                       | 550       | 13                      | 195       | 1,381      |
| 1.9 ~ 2.0    | 8.01            | 1,579     | 17,369             | 2                       | 300       | 27                       | 675       | 20                      | 300       | 1,579      |
| 2.0 ~ 2.1    | 8.38            | 1,653     | 19,022             | 4                       | 600       | 18                       | 450       | 21                      | 315       | 1,653      |
| 2.1 ~ 2.2    | 3.52            | 693       | 19,715             | 1                       | 150       | 12                       | 300       | 13                      | 195       | 693        |
| 2.2 ~ 2.3    | 0               | 0         | 0                  | 0                       | 0         | 0                        | 0         | 0                       | 0         | 0          |
| 2.3 ~ 2.4    | 0               | 0         | 0                  | 0                       | 0         | 0                        | 0         | 0                       | 0         | 0          |
| Sub total    |                 | 14,645    |                    | 25                      | 3,750     | 206                      | 5,150     | 184                     | 2,760     | 2,272      |
| TOTAL        |                 | 19,715    |                    | 30                      | 4,500     | 285                      | 7,125     | 271                     | 4,065     | 3,312      |
|              |                 |           |                    |                         |           |                          |           |                         |           | 19,715     |

Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 28 Feb 1995)

Village name B. Beng (5)

150 25 15 8

(Volume 150Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

Oil dram(Volume[1]) 30Lit Bucket(Volume[2]) 20Lite Bucket(Volume[3]) 10Lit Bucket(Volume[4])

| Pumping time | % of times rate | Volume(L) | Amount Supply(Lit) | Personal | Volume[1] | Personal | Volume[2] | Personal | Volume[3] | Personal | Volume[4] | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| 0 ~ 1        | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 1 ~ 2        | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 2 ~ 3        | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 3 ~ 4        | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 4 ~ 5        | 11.16           | 1,150     | 1,150              | 4        | 600       | 8        | 200       | 10       | 150       | 25       | 200       | 1,150      |
| 5 ~ 6        | 3.14            | 323       | 1,473              | 1        | 150       | 1        | 25        | 4        | 60        | 11       | 88        | 323        |
| 6 ~ 7        | 6.12            | 630       | 2,103              | 3        | 450       | 4        | 100       | 0        | 0         | 10       | 80        | 630        |
| 7 ~ 8        | 5.22            | 538       | 2,641              | 1        | 150       | 6        | 150       | 10       | 150       | 11       | 88        | 538        |
| 8 ~ 9        | 6.70            | 690       | 3,331              | 2        | 300       | 10       | 250       | 4        | 60        | 10       | 80        | 690        |
| 9 ~ 10       | 5.51            | 568       | 3,899              | 2        | 300       | 0        | 0         | 4        | 60        | 26       | 208       | 568        |
| 10 ~ 11      | 5.53            | 570       | 4,469              | 0        | 0         | 18       | 450       | 0        | 0         | 15       | 120       | 570        |
| 11 ~ 12      | 9.20            | 948       | 5,417              | 4        | 600       | 3        | 75        | 15       | 225       | 6        | 48        | 948        |
| Sub total    |                 | 5,417     |                    | 17       | 2,550     | 50       | 1,250     | 47       | 705       | 114      | 912       | 5,417      |
| 12 ~ 13      | 6.62            | 682       | 6,099              | 1        | 150       | 10       | 250       | 14       | 210       | 9        | 72        | 682        |
| 13 ~ 14      | 2.37            | 244       | 6,343              | 1        | 150       | 0        | 0         | 2        | 30        | 8        | 64        | 244        |
| 14 ~ 15      | 5.79            | 597       | 6,940              | 2        | 300       | 3        | 75        | 10       | 150       | 9        | 72        | 597        |
| 15 ~ 16      | 3.15            | 324       | 7,264              | 0        | 0         | 5        | 125       | 9        | 135       | 8        | 64        | 324        |
| 16 ~ 17      | 12.81           | 1,320     | 8,584              | 5        | 750       | 12       | 300       | 10       | 150       | 15       | 120       | 1,320      |
| 17 ~ 18      | 6.67            | 687       | 9,271              | 1        | 150       | 11       | 275       | 10       | 150       | 14       | 112       | 687        |
| 18 ~ 19      | 3.57            | 368       | 9,639              | 1        | 150       | 0        | 0         | 6        | 90        | 16       | 128       | 368        |
| 19 ~ 20      | 6.20            | 639       | 10,278             | 2        | 300       | 6        | 150       | 3        | 45        | 18       | 144       | 639        |
| 20 ~ 21      | 0.23            | 24        | 10,302             | 0        | 0         | 0        | 0         | 0        | 0         | 3        | 24        | 24         |
| 21 ~ 22      | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 22 ~ 23      | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 23 ~ 24      | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| Sub total    |                 | 4,885     |                    | 13       | 1,950     | 47       | 1,175     | 64       | 960       | 100      | 800       | 4,885      |
| TOTAL        |                 | 10,302    |                    | 30       | 4,500     | 97       | 2,425     | 111      | 1,665     | 214      | 1,712     | 10,302     |

Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 1 March 1995) 150 25 15 8  
 Village name B. Beng (6) (Volume 150Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)  
 Oil drain(Volume[1]) 30Lit Bucket(Volume[2]) 20Lite Bucket(Volume[3])10Lit Bucket(Volume[4])

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Lit) | Personal | Volume[1] | Personal | Volume[2] | Personal | Volume[3] | Personal | Volume[4] | TOTAL(Lit) |
|--------------|-----------------|-----------|--------------------|----------|-----------|----------|-----------|----------|-----------|----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 4 ~ 5        | 12.64           | 1,885     | 1,885              | 5        | 750       | 12       | 300       | 45       | 675       | 20       | 160       | 1,885      |
| 5 ~ 6        | 9.36            | 1,396     | 3,281              | 7        | 1,050     | 6        | 150       | 12       | 180       | 2        | 16        | 1,396      |
| 6 ~ 7        | 0.11            | 16        | 3,297              | 0        | 0         | 0        | 0         | 0        | 0         | 2        | 16        | 16         |
| 7 ~ 8        | 1.76            | 262       | 3,559              | 1        | 150       | 2        | 50        | 2        | 30        | 4        | 32        | 262        |
| 8 ~ 9        | 0.00            | 0         | 3,559              | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 9 ~ 10       | 1.84            | 275       | 3,834              | 1        | 150       | 2        | 50        | 5        | 75        | 0        | 0         | 275        |
| 10 ~ 11      | 2.86            | 426       | 4,260              | 2        | 300       | 2        | 50        | 4        | 60        | 2        | 16        | 426        |
| 11 ~ 12      | 3.12            | 466       | 4,726              | 0        | 0         | 4        | 100       | 18       | 270       | 12       | 96        | 466        |
| Sub total    |                 | 4,726     |                    | 16       | 2,400     | 26       | 700       | 86       | 1,290     | 42       | 386       | 4,726      |
| 12 ~ 13      | 9.08            | 1,355     | 6,081              | 3        | 450       | 19       | 475       | 18       | 270       | 20       | 160       | 1,355      |
| 13 ~ 14      | 6.36            | 948       | 7,029              | 2        | 300       | 12       | 300       | 20       | 300       | 6        | 48        | 948        |
| 14 ~ 15      | 5.22            | 779       | 7,808              | 1        | 150       | 6        | 150       | 17       | 255       | 28       | 224       | 779        |
| 15 ~ 16      | 6.98            | 1,041     | 8,849              | 4        | 600       | 6        | 150       | 5        | 75        | 27       | 216       | 1,041      |
| 16 ~ 17      | 11.46           | 1,710     | 10,559             | 5        | 750       | 16       | 400       | 24       | 360       | 25       | 200       | 1,710      |
| 17 ~ 18      | 9.71            | 1,448     | 12,007             | 4        | 600       | 18       | 450       | 18       | 270       | 16       | 128       | 1,448      |
| 18 ~ 19      | 8.59            | 1,281     | 13,288             | 4        | 600       | 17       | 425       | 8        | 120       | 17       | 136       | 1,281      |
| 19 ~ 20      | 6.27            | 935       | 14,223             | 2        | 300       | 7        | 175       | 20       | 300       | 20       | 160       | 935        |
| 20 ~ 21      | 4.65            | 693       | 14,916             | 1        | 150       | 13       | 325       | 6        | 90        | 16       | 128       | 693        |
| 21 ~ 22      | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 22 ~ 23      | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| 23 ~ 24      | 0.00            | 0         | 0                  | 0        | 0         | 0        | 0         | 0        | 0         | 0        | 0         | 0          |
| Sub total    |                 | 10,190    |                    | 26       | 3,900     | 114      | 2,850     | 136      | 2,040     | 175      | 1,400     | 10,190     |
| TOTAL        |                 | 14,916    |                    | 42       | 6,300     | 142      | 3,550     | 222      | 3,330     | 217      | 1,736     | 14,916     |

Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 2 March 1995)

Village name B. Beng (7)

| Pumping time | N of times rate | Volume(L) | Amount Supply(Lit) | 150 (Volume 150Lit) |           | 25 (Volume 25Lit) |           | 15 (Volume 15Lit) |           | 8 (Volume 8Lit) |           |            |
|--------------|-----------------|-----------|--------------------|---------------------|-----------|-------------------|-----------|-------------------|-----------|-----------------|-----------|------------|
|              |                 |           |                    | Personal            | Volume[1] | Personal          | Volume[2] | Personal          | Volume[3] | Personal        | Volume[4] | TOTAL(Lit) |
| 0 ~ 1        | 0               | 0         | 0                  | 0                   | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |            |
| 1 ~ 2        | 0               | 0         | 0                  | 0                   | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |            |
| 2 ~ 3        | 0               | 0         | 0                  | 0                   | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |            |
| 3 ~ 4        | 0               | 0         | 0                  | 0                   | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |            |
| 4 ~ 5        | 9.83            | 2,347     | 2,347              | 6                   | 900       | 23                | 575       | 40                | 600       | 34              | 272       | 2,347      |
| 5 ~ 6        | 7.06            | 1,686     | 4,033              | 3                   | 450       | 16                | 400       | 36                | 540       | 37              | 296       | 1,686      |
| 6 ~ 7        | 5.04            | 1,204     | 5,237              | 1                   | 150       | 14                | 350       | 32                | 480       | 28              | 224       | 1,204      |
| 7 ~ 8        | 1.05            | 250       | 5,487              | 0                   | 0         | 10                | 250       | 0                 | 0         | 0               | 0         | 250        |
| 8 ~ 9        | 2.04            | 488       | 5,975              | 1                   | 150       | 8                 | 200       | 6                 | 90        | 6               | 48        | 488        |
| 9 ~ 10       | 6.03            | 1,440     | 7,415              | 4                   | 600       | 8                 | 200       | 32                | 480       | 20              | 160       | 1,440      |
| 10 ~ 11      | 8.78            | 2,095     | 9,510              | 6                   | 900       | 19                | 475       | 24                | 360       | 45              | 360       | 2,095      |
| 11 ~ 12      | 6.47            | 1,545     | 11,055             | 4                   | 600       | 12                | 300       | 11                | 165       | 60              | 480       | 1,545      |
| Sub total    |                 | 11,055    |                    | 25                  | 3,750     | 110               | 2,750     | 181               | 2,715     | 230             | 1,840     | 11,055     |
| 12 ~ 13      | 5.30            | 1,266     | 12,321             | 4                   | 600       | 19                | 475       | 1                 | 15        | 22              | 176       | 1,266      |
| 13 ~ 14      | 0.00            | 0         | 12,321             | 0                   | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         | 0          |
| 14 ~ 15      | 4.50            | 1,073     | 13,394             | 2                   | 300       | 11                | 275       | 22                | 330       | 21              | 168       | 1,073      |
| 15 ~ 16      | 8.85            | 2,112     | 15,506             | 2                   | 300       | 38                | 950       | 34                | 510       | 44              | 352       | 2,112      |
| 16 ~ 17      | 10.43           | 2,490     | 17,996             | 3                   | 450       | 48                | 1,200     | 40                | 600       | 30              | 240       | 2,490      |
| 17 ~ 18      | 11.52           | 2,750     | 20,746             | 0                   | 0         | 50                | 1,250     | 60                | 900       | 75              | 600       | 2,750      |
| 18 ~ 19      | 8.26            | 1,972     | 22,718             | 2                   | 300       | 32                | 800       | 40                | 600       | 34              | 272       | 1,972      |
| 19 ~ 20      | 2.30            | 550       | 23,268             | 2                   | 300       | 10                | 250       | 0                 | 0         | 0               | 0         | 550        |
| 20 ~ 21      | 1.26            | 300       | 23,568             | 2                   | 300       | 0                 | 0         | 0                 | 0         | 0               | 0         | 300        |
| 21 ~ 22      | 0.63            | 150       | 23,718             | 1                   | 150       | 0                 | 0         | 0                 | 0         | 0               | 0         | 150        |
| 22 ~ 23      | 0.63            | 150       | 23,868             | 1                   | 150       | 0                 | 0         | 0                 | 0         | 0               | 0         | 150        |
| 23 ~ 24      | 0               | 0         | 0                  | 0                   | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         | 0          |
| Sub total    |                 | 12,813    |                    | 18                  | 2,700     | 208               | 5,200     | 197               | 2,955     | 226             | 1,808     | 12,813     |
| TOTAL        |                 | 23,868    |                    | 43                  | 6,450     | 318               | 7,950     | 378               | 5,670     | 456             | 3,648     | 23,868     |

Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 23 / Feb / 1995)

Village name B. Phonphai (1)

7

20

12

50

(Volume 50Lit)

(Volume 20Lit)

(Volume 20Lit)

(Volume 12Lit)

(Volume 7Lit)

Oil drum(Volume(1)) 30Lit Bucket(Volume(2)) 10Lit Bucket(Volume(4))

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Oil drum | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0.73            | 100       | 100                  | 0        | 0         | 5         | 100       | 0         | 0         | 0         | 0         | 100        |
| 3 ~ 4        | 3.28            | 448       | 548                  | 0        | 0         | 17        | 340       | 9         | 108       | 0         | 0         | 448        |
| 4 ~ 5        | 4.86            | 663       | 1211                 | 0        | 0         | 25        | 500       | 13        | 156       | 1         | 7         | 663        |
| 5 ~ 6        | 5.16            | 704       | 1915                 | 0        | 0         | 22        | 440       | 22        | 264       | 0         | 0         | 704        |
| 6 ~ 7        | 3.74            | 510       | 2,425                | 0        | 0         | 17        | 340       | 13        | 156       | 2         | 14        | 510        |
| 7 ~ 8        | 5.25            | 716       | 3,141                | 0        | 0         | 25        | 500       | 18        | 216       | 0         | 0         | 716        |
| 8 ~ 9        | 7.08            | 967       | 4,108                | 0        | 0         | 36        | 720       | 20        | 240       | 1         | 7         | 967        |
| 9 ~ 10       | 4.94            | 674       | 4,782                | 0        | 0         | 33        | 660       | 0         | 0         | 2         | 14        | 674        |
| 10 ~ 11      | 5.90            | 805       | 5,587                | 0        | 0         | 29        | 580       | 17        | 204       | 3         | 21        | 805        |
| 11 ~ 12      | 5.97            | 815       | 6,402                | 0        | 0         | 27        | 540       | 20        | 240       | 5         | 35        | 815        |
| Sub total    |                 | 6,402     |                      | 0        | 0         | 236       | 4,720     | 132       | 1,584     | 14        | 98        | 6,402      |
| 12 ~ 13      | 6.03            | 823       | 7,225                | 0        | 0         | 31        | 620       | 14        | 168       | 5         | 35        | 823        |
| 13 ~ 14      | 5.79            | 790       | 8,015                | 0        | 0         | 37        | 740       | 3         | 36        | 2         | 14        | 790        |
| 14 ~ 15      | 6.45            | 881       | 8,896                | 0        | 0         | 34        | 680       | 15        | 180       | 3         | 21        | 881        |
| 15 ~ 16      | 6.40            | 873       | 9,769                | 0        | 0         | 30        | 600       | 21        | 252       | 3         | 21        | 873        |
| 16 ~ 17      | 6.02            | 822       | 10,591               | 0        | 0         | 27        | 540       | 20        | 240       | 6         | 42        | 822        |
| 17 ~ 18      | 6.27            | 856       | 11,447               | 0        | 0         | 27        | 540       | 24        | 288       | 4         | 28        | 856        |
| 18 ~ 19      | 6.10            | 832       | 12,279               | 0        | 0         | 33        | 660       | 12        | 144       | 4         | 28        | 832        |
| 19 ~ 20      | 5.11            | 698       | 12,977               | 0        | 0         | 33        | 660       | 2         | 24        | 2         | 14        | 698        |
| 20 ~ 21      | 3.90            | 532       | 13,509               | 0        | 0         | 26        | 520       | 1         | 12        | 0         | 0         | 532        |
| 21 ~ 22      | 1.03            | 140       | 13,649               | 0        | 0         | 7         | 140       | 0         | 0         | 0         | 0         | 140        |
| 22 ~ 23      | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 7,247     |                      | 0        | 0         | 278       | 5,560     | 112       | 1,344     | 29        | 203       | 7,247      |
| TOTAL        |                 | 13,649    |                      | 0        | 0         | 514       | 10,280    | 244       | 2,928     | 43        | 301       | 13,649     |

Result of Pumping Volume each Water Containers

(Sampling time 24 Feb 1995)

Village name B. Phorphai (2)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | 50 (Volume 50Lit) |           | 20 (Volume 20Lit) |           | 12 (Volume 12Lit) |           | 7 (Volume 7Lit) |           |
|--------------|-----------------|-----------|----------------------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-----------------|-----------|
|              |                 |           |                      | Oil drum          | Volume(1) | Personnel         | Volume(2) | Personnel         | Volume(3) | Personnel       | Volume(4) |
| 0 ~ 1        | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 1 ~ 2        | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 2 ~ 3        | 2.85            | 458       | 458                  | 18                | 360       | 4                 | 48        | 0                 | 0         | 0               | 458       |
| 3 ~ 4        | 4.51            | 724       | 1,182                | 30                | 600       | 5                 | 60        | 2                 | 14        | 14              | 724       |
| 4 ~ 5        | 6.21            | 997       | 2,179                | 38                | 760       | 18                | 216       | 3                 | 21        | 21              | 997       |
| 5 ~ 6        | 6.24            | 1,002     | 3,181                | 41                | 820       | 14                | 168       | 2                 | 14        | 14              | 1,002     |
| 6 ~ 7        | 5.86            | 941       | 4,122                | 46                | 920       | 0                 | 0         | 3                 | 21        | 21              | 941       |
| 7 ~ 8        | 5.78            | 929       | 5,051                | 37                | 740       | 14                | 168       | 3                 | 21        | 21              | 929       |
| 8 ~ 9        | 5.68            | 912       | 5,963                | 34                | 680       | 17                | 204       | 4                 | 28        | 28              | 912       |
| 9 ~ 10       | 4.92            | 790       | 6,753                | 28                | 560       | 18                | 216       | 2                 | 14        | 14              | 790       |
| 10 ~ 11      | 5.55            | 892       | 7,645                | 36                | 720       | 12                | 144       | 4                 | 28        | 28              | 892       |
| 11 ~ 12      | 5.02            | 807       | 8,452                | 26                | 520       | 21                | 252       | 5                 | 35        | 35              | 807       |
| Sub total    |                 | 8,452     |                      | 334               | 6,680     | 123               | 1,476     | 28                | 196       | 196             | 8,452     |
| 12 ~ 13      | 5.32            | 854       | 9,306                | 28                | 560       | 21                | 252       | 6                 | 42        | 42              | 854       |
| 13 ~ 14      | 4.89            | 785       | 10,091               | 23                | 460       | 23                | 276       | 7                 | 49        | 49              | 785       |
| 14 ~ 15      | 4.68            | 752       | 10,843               | 29                | 580       | 12                | 144       | 4                 | 28        | 28              | 752       |
| 15 ~ 16      | 5.09            | 817       | 11,660               | 24                | 480       | 24                | 288       | 7                 | 49        | 49              | 817       |
| 16 ~ 17      | 4.86            | 780       | 12,440               | 25                | 500       | 21                | 252       | 4                 | 28        | 28              | 780       |
| 17 ~ 18      | 6.23            | 1,000     | 13,440               | 38                | 760       | 20                | 240       | 0                 | 0         | 0               | 1,000     |
| 18 ~ 19      | 6.87            | 1,104     | 14,544               | 35                | 700       | 17                | 204       | 0                 | 0         | 0               | 1,104     |
| 19 ~ 20      | 7.05            | 1,132     | 15,676               | 34                | 680       | 21                | 252       | 0                 | 0         | 0               | 1,132     |
| 20 ~ 21      | 2.39            | 384       | 16,060               | 12                | 240       | 12                | 144       | 0                 | 0         | 0               | 384       |
| 21 ~ 22      | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 22 ~ 23      | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 23 ~ 24      | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| Sub total    |                 | 7,608     |                      | 248               | 4,960     | 171               | 2,052     | 28                | 196       | 196             | 7,608     |
| TOTAL        |                 | 16,060    |                      | 582               | 11,640    | 294               | 3,528     | 56                | 392       | 392             | 16,060    |



Sheet1

Result of Pumping Volume each Water Containers

(Sampling date 25 Feb 1995)

Village name B. Phonphai (3)

7

20

12

7

(Volume 50Lit) (Volume 20Lit) (Volume 15Lit) (Volume 8Lit)

Oil drum Volume(1) Personnel Volume(2) Personnel Volume(3) Personnel Volume(4) TOTAL(Lit)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Oil drum | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 3.42            | 612       | 612                  | 0        | 0         | 27        | 540       | 6         | 72        | 0         | 0         | 612        |
| 3 ~ 4        | 6.10            | 1,091     | 1,703                | 2        | 100       | 40        | 800       | 13        | 156       | 5         | 35        | 1,091      |
| 4 ~ 5        | 7.42            | 1,326     | 3,029                | 2        | 100       | 47        | 940       | 18        | 216       | 10        | 70        | 1,326      |
| 5 ~ 6        | 8.99            | 1,607     | 4,636                | 6        | 300       | 46        | 920       | 27        | 324       | 9         | 63        | 1,607      |
| 6 ~ 7        | 4.79            | 856       | 5,492                | 0        | 0         | 27        | 540       | 24        | 288       | 4         | 28        | 856        |
| 7 ~ 8        | 4.82            | 862       | 6,354                | 0        | 0         | 28        | 560       | 24        | 288       | 2         | 14        | 862        |
| 8 ~ 9        | 4.76            | 851       | 7,205                | 0        | 0         | 32        | 640       | 17        | 204       | 1         | 7         | 851        |
| 9 ~ 10       | 4.98            | 891       | 8,096                | 0        | 0         | 32        | 640       | 18        | 216       | 5         | 35        | 891        |
| 10 ~ 11      | 5.35            | 956       | 9,052                | 0        | 0         | 38        | 760       | 14        | 168       | 4         | 28        | 956        |
| 11 ~ 12      | 4.65            | 831       | 9,883                | 0        | 0         | 27        | 540       | 19        | 228       | 9         | 63        | 831        |
| Sub total    |                 | 9,883     |                      | 10       | 500       | 344       | 6,880     | 180       | 2,160     | 49        | 343       | 9,883      |
| 12 ~ 13      | 4.53            | 809       | 10,692               | 0        | 0         | 28        | 560       | 19        | 228       | 3         | 21        | 809        |
| 13 ~ 14      | 4.39            | 784       | 11,476               | 0        | 0         | 27        | 540       | 18        | 216       | 4         | 28        | 784        |
| 14 ~ 15      | 3.77            | 673       | 12,149               | 0        | 0         | 23        | 460       | 16        | 192       | 3         | 21        | 673        |
| 15 ~ 16      | 5.02            | 897       | 13,046               | 0        | 0         | 34        | 680       | 14        | 168       | 7         | 49        | 897        |
| 16 ~ 17      | 5.95            | 1,064     | 14,110               | 0        | 0         | 38        | 760       | 23        | 276       | 4         | 28        | 1,064      |
| 17 ~ 18      | 6.13            | 1,096     | 15,206               | 2        | 100       | 42        | 840       | 13        | 156       | 0         | 0         | 1,096      |
| 18 ~ 19      | 7.30            | 1,304     | 16,510               | 2        | 100       | 47        | 940       | 22        | 264       | 0         | 0         | 1,304      |
| 19 ~ 20      | 5.37            | 960       | 17,470               | 0        | 0         | 36        | 720       | 20        | 240       | 0         | 0         | 960        |
| 20 ~ 21      | 2.26            | 404       | 17,874               | 0        | 0         | 10        | 200       | 17        | 204       | 0         | 0         | 404        |
| 21 ~ 22      | 0.51            | 92        | 17,966               | 0        | 0         | 4         | 80        | 1         | 12        | 0         | 0         | 92         |
| 22 ~ 23      | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 7,991     |                      | 4        | 200       | 285       | 5,700     | 162       | 1,944     | 21        | 147       | 7,991      |
| TOTAL        |                 | 17,874    |                      | 14       | 700       | 629       | 12,580    | 342       | 4,104     | 70        | 490       | 17,874     |

Result of Pumping Volume each Water Containers

7

12

20

50

(Sampling date 26 Feb 1995)

Village name B. Phonphai (4)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Oil drum  |           | 30Lit Bucket(Volume(1)) |           | Personnel |           | Volume(2) 20Lit |           | Personnel |     | Volume(3) 10Lit Bucket(Volume(4)) |     | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------|-----------|-------------------------|-----------|-----------|-----------|-----------------|-----------|-----------|-----|-----------------------------------|-----|------------|
|              |                 |           |                      | Volume(1) | Personnel | Volume(2)               | Personnel | Volume(3) | Personnel | Volume(4)       | Personnel |           |     |                                   |     |            |
| 0 ~ 1        | 0               | 0         | 0                    | 0         | 0         | 0                       | 0         | 0         | 0         | 0               | 0         | 0         | 0   | 0                                 | 0   | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0         | 0         | 0                       | 0         | 0         | 0         | 0               | 0         | 0         | 0   | 0                                 | 0   | 0          |
| 2 ~ 3        | 3.39            | 674       | 674                  | 0         | 28        | 560                     | 6         | 72        | 6         | 42              | 674       | 6         | 42  | 674                               | 6   | 674        |
| 3 ~ 4        | 5.67            | 1,129     | 1,803                | 0         | 45        | 900                     | 15        | 180       | 7         | 49              | 1,129     | 7         | 49  | 1,129                             | 7   | 1,129      |
| 4 ~ 5        | 6.74            | 1,341     | 3,144                | 2         | 50        | 1,000                   | 16        | 192       | 7         | 49              | 1,341     | 7         | 49  | 1,341                             | 7   | 1,341      |
| 5 ~ 6        | 6.35            | 1,264     | 4,408                | 2         | 100       | 940                     | 14        | 168       | 8         | 56              | 1,264     | 8         | 56  | 1,264                             | 8   | 1,264      |
| 6 ~ 7        | 4.76            | 947       | 5,355                | 0         | 34        | 680                     | 17        | 204       | 9         | 63              | 947       | 9         | 63  | 947                               | 9   | 947        |
| 7 ~ 8        | 5.38            | 1,071     | 6,426                | 0         | 42        | 840                     | 14        | 168       | 9         | 63              | 1,071     | 9         | 63  | 1,071                             | 9   | 1,071      |
| 8 ~ 9        | 6.18            | 1,230     | 7,656                | 0         | 45        | 900                     | 24        | 288       | 6         | 42              | 1,230     | 6         | 42  | 1,230                             | 6   | 1,230      |
| 9 ~ 10       | 6.76            | 1,346     | 9,002                | 0         | 53        | 1,060                   | 18        | 216       | 10        | 70              | 1,346     | 10        | 70  | 1,346                             | 10  | 1,346      |
| 10 ~ 11      | 5.82            | 1,158     | 10,160               | 0         | 44        | 880                     | 15        | 180       | 14        | 98              | 1,158     | 14        | 98  | 1,158                             | 14  | 1,158      |
| 11 ~ 12      | 3.32            | 661       | 10,821               | 0         | 32        | 640                     | 0         | 0         | 3         | 21              | 661       | 3         | 21  | 661                               | 3   | 661        |
| Sub total    |                 | 10,821    |                      | 4         | 200       | 8,400                   | 139       | 1,668     | 79        | 353             | 10,821    | 79        | 353 | 10,821                            | 79  | 10,821     |
| 1.2 ~ 1.3    | 3.92            | 781       | 11,602               | 0         | 0         | 580                     | 15        | 180       | 3         | 21              | 781       | 3         | 21  | 781                               | 3   | 781        |
| 1.3 ~ 1.4    | 4.56            | 908       | 12,510               | 0         | 0         | 700                     | 15        | 180       | 4         | 28              | 908       | 4         | 28  | 908                               | 4   | 908        |
| 1.4 ~ 1.5    | 4.71            | 937       | 13,447               | 0         | 0         | 720                     | 14        | 168       | 7         | 49              | 937       | 7         | 49  | 937                               | 7   | 937        |
| 1.5 ~ 1.6    | 6.70            | 1,333     | 14,780               | 0         | 0         | 1,020                   | 22        | 264       | 7         | 49              | 1,333     | 7         | 49  | 1,333                             | 7   | 1,333      |
| 1.6 ~ 1.7    | 6.94            | 1,381     | 16,161               | 0         | 0         | 1,020                   | 26        | 312       | 7         | 49              | 1,381     | 7         | 49  | 1,381                             | 7   | 1,381      |
| 1.7 ~ 1.8    | 6.55            | 1,304     | 17,465               | 2         | 100       | 900                     | 23        | 276       | 4         | 28              | 1,304     | 4         | 28  | 1,304                             | 4   | 1,304      |
| 1.8 ~ 1.9    | 5.53            | 1,100     | 18,565               | 2         | 100       | 700                     | 25        | 300       | 0         | 0               | 1,100     | 0         | 0   | 1,100                             | 0   | 1,100      |
| 1.9 ~ 2.0    | 4.38            | 872       | 19,437               | 0         | 0         | 680                     | 16        | 192       | 0         | 0               | 872       | 0         | 0   | 872                               | 0   | 872        |
| 2.0 ~ 2.1    | 1.75            | 348       | 19,785               | 0         | 0         | 180                     | 14        | 168       | 0         | 0               | 348       | 0         | 0   | 348                               | 0   | 348        |
| 2.1 ~ 2.2    | 0.62            | 124       | 19,909               | 0         | 0         | 100                     | 2         | 24        | 0         | 0               | 124       | 0         | 0   | 124                               | 0   | 124        |
| 2.2 ~ 2.3    | 0               | 0         | 0                    | 0         | 0         | 0                       | 0         | 0         | 0         | 0               | 0         | 0         | 0   | 0                                 | 0   | 0          |
| 2.3 ~ 2.4    | 0               | 0         | 0                    | 0         | 0         | 0                       | 0         | 0         | 0         | 0               | 0         | 0         | 0   | 0                                 | 0   | 0          |
| Sub total    |                 | 9,088     |                      | 4         | 200       | 6,500                   | 170       | 2,040     | 32        | 224             | 9,088     | 32        | 224 | 9,088                             | 32  | 9,088      |
| TOTAL        |                 | 19,909    |                      | 8         | 400       | 14,900                  | 309       | 3,708     | 111       | 777             | 19,909    | 111       | 777 | 19,909                            | 111 | 19,909     |

Result of Pumping Volume each Water Containers

(Sampling time 27 Feb 1995)

Village name B. Phonphai (5)

7

12

20

50

100

200

300

400

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Oil drum  |           | 30Lit Bucket |           | 20Lit Bucket |           | 12Lit Bucket |           | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------|-----------|--------------|-----------|--------------|-----------|--------------|-----------|------------|
|              |                 |           |                      | Volume(1) | Personnel | Volume(2)    | Personnel | Volume(3)    | Personnel | Volume(4)    | Personnel |            |
| 0 ~ 1        | 0               | 0         | 0                    | 0         | 0         | 0            | 0         | 0            | 0         | 0            | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0         | 0         | 0            | 0         | 0            | 0         | 0            | 0         | 0          |
| 2 ~ 3        | 0.94            | 194       | 194                  | 0         | 6         | 120          | 5         | 60           | 2         | 14           | 194       | 194        |
| 3 ~ 4        | 4.27            | 880       | 1,074                | 2         | 32        | 640          | 7         | 84           | 8         | 56           | 880       | 880        |
| 4 ~ 5        | 5.91            | 1,219     | 2,293                | 2         | 45        | 900          | 13        | 156          | 9         | 63           | 1,219     | 1,219      |
| 5 ~ 6        | 5.80            | 1,196     | 3,489                | 0         | 45        | 900          | 20        | 240          | 8         | 56           | 1,196     | 1,196      |
| 6 ~ 7        | 5.40            | 1,113     | 4,602                | 0         | 45        | 900          | 16        | 192          | 3         | 21           | 1,113     | 1,113      |
| 7 ~ 8        | 6.58            | 1,357     | 5,959                | 0         | 48        | 960          | 29        | 348          | 7         | 49           | 1,357     | 1,357      |
| 8 ~ 9        | 8.03            | 1,656     | 7,615                | 0         | 59        | 1,180        | 35        | 420          | 8         | 56           | 1,656     | 1,656      |
| 9 ~ 10       | 5.42            | 1,117     | 8,732                | 0         | 42        | 840          | 12        | 144          | 19        | 133          | 1,117     | 1,117      |
| 10 ~ 11      | 5.25            | 1,083     | 9,815                | 0         | 44        | 880          | 14        | 168          | 5         | 35           | 1,083     | 1,083      |
| 11 ~ 12      | 3.34            | 688       | 10,503               | 0         | 28        | 560          | 6         | 72           | 8         | 56           | 688       | 688        |
| Sub total    |                 | 10,503    |                      | 4         | 394       | 7,880        | 157       | 1,884        | 77        | 539          | 10,503    | 10,503     |
| 12 ~ 13      | 5.69            | 1,173     | 11,676               | 0         | 43        | 860          | 22        | 264          | 7         | 49           | 1,173     | 1,173      |
| 13 ~ 14      | 5.26            | 1,085     | 12,761               | 0         | 43        | 860          | 17        | 204          | 3         | 21           | 1,085     | 1,085      |
| 14 ~ 15      | 4.46            | 920       | 13,681               | 0         | 41        | 820          | 6         | 72           | 4         | 28           | 920       | 920        |
| 15 ~ 16      | 6.61            | 1,363     | 15,044               | 0         | 55        | 1,100        | 12        | 144          | 17        | 119          | 1,363     | 1,363      |
| 16 ~ 17      | 6.48            | 1,337     | 16,381               | 2         | 44        | 880          | 21        | 252          | 15        | 105          | 1,337     | 1,337      |
| 17 ~ 18      | 5.61            | 1,156     | 17,537               | 0         | 43        | 860          | 20        | 240          | 8         | 56           | 1,156     | 1,156      |
| 18 ~ 19      | 5.09            | 1,049     | 18,586               | 0         | 38        | 760          | 20        | 240          | 7         | 49           | 1,049     | 1,049      |
| 19 ~ 20      | 5.48            | 1,129     | 19,715               | 0         | 39        | 780          | 25        | 300          | 7         | 49           | 1,129     | 1,129      |
| 20 ~ 21      | 3.63            | 748       | 20,463               | 0         | 29        | 580          | 14        | 168          | 0         | 0            | 748       | 748        |
| 21 ~ 22      | 0.76            | 156       | 20,619               | 0         | 6         | 120          | 3         | 36           | 0         | 0            | 156       | 156        |
| 22 ~ 23      | 0               | 0         | 0                    | 0         | 0         | 0            | 0         | 0            | 0         | 0            | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0         | 0         | 0            | 0         | 0            | 0         | 0            | 0         | 0          |
| Sub total    |                 | 10,116    |                      | 2         | 375       | 7,500        | 157       | 1,884        | 68        | 476          | 10,116    | 10,116     |
| TOTAL        |                 | 20,619    |                      | 6         | 300       | 15,380       | 314       | 3,768        | 145       | 1,015        | 20,619    | 20,619     |

Sheet 1

Result of Pumping Volume each Water Containers

(Sampling date 28 / Feb 1995

Village name B. Phonphai (6)

7

12

20

50

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Oil drum  |           | 30Lit Bucket(Volume{1}) |           | 20Lit Bucket(Volume{2}) |           | 10Lit Bucket(Volume{3}) |           | 7Lit Bucket(Volume{4}) |     | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|------------------------|-----|------------|
|              |                 |           |                      | Volume(1) | Personnel | Volume(2)               | Personnel | Volume(3)               | Personnel | Volume(4)               | Personnel |                        |     |            |
| 0 ~ 1        | 0               | 0         | 0                    | 0         | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0                      | 0   | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0         | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0                      | 0   | 0          |
| 2 ~ 3        | 2.44            | 500       | 500                  | 0         | 0         | 380                     | 10        | 120                     | 0         | 0                       | 0         | 0                      | 0   | 500        |
| 3 ~ 4        | 4.38            | 896       | 1396                 | 0         | 0         | 740                     | 13        | 156                     | 0         | 0                       | 0         | 0                      | 0   | 896        |
| 4 ~ 5        | 6.96            | 1,426     | 2,822                | 2         | 100       | 1,020                   | 22        | 264                     | 6         | 42                      | 42        | 42                     | 42  | 1,426      |
| 5 ~ 6        | 6.32            | 1,294     | 4,116                | 0         | 0         | 940                     | 26        | 312                     | 6         | 42                      | 42        | 42                     | 42  | 1,294      |
| 6 ~ 7        | 7.68            | 1,573     | 5,689                | 0         | 0         | 1,200                   | 27        | 324                     | 7         | 49                      | 49        | 49                     | 49  | 1,573      |
| 7 ~ 8        | 6.56            | 1,344     | 7,033                | 0         | 0         | 1,040                   | 23        | 276                     | 4         | 28                      | 28        | 28                     | 28  | 1,344      |
| 8 ~ 9        | 5.11            | 1,047     | 8,080                | 0         | 0         | 820                     | 16        | 192                     | 5         | 35                      | 35        | 35                     | 35  | 1,047      |
| 9 ~ 10       | 3.98            | 818       | 8,898                | 0         | 0         | 680                     | 8         | 96                      | 6         | 42                      | 42        | 42                     | 42  | 818        |
| 10 ~ 11      | 4.23            | 866       | 9,764                | 0         | 0         | 680                     | 12        | 144                     | 6         | 42                      | 42        | 42                     | 42  | 866        |
| 11 ~ 12      | 4.49            | 920       | 10,684               | 0         | 0         | 700                     | 16        | 192                     | 4         | 28                      | 28        | 28                     | 28  | 920        |
| Sub total    |                 | 10,684    |                      | 2         | 100       | 8,200                   | 173       | 2,076                   | 44        | 308                     | 308       | 308                    | 308 | 10,684     |
| 12 ~ 13      | 3.63            | 743       | 11,427               | 0         | 0         | 600                     | 9         | 108                     | 5         | 35                      | 35        | 35                     | 35  | 743        |
| 13 ~ 14      | 6.08            | 1,245     | 12,672               | 0         | 0         | 960                     | 22        | 264                     | 3         | 21                      | 21        | 21                     | 21  | 1,245      |
| 14 ~ 15      | 5.55            | 1,136     | 13,808               | 0         | 0         | 920                     | 18        | 216                     | 0         | 0                       | 0         | 0                      | 0   | 1,136      |
| 15 ~ 16      | 5.59            | 1,144     | 14,952               | 0         | 0         | 900                     | 18        | 216                     | 4         | 28                      | 28        | 28                     | 28  | 1,144      |
| 16 ~ 17      | 6.77            | 1,386     | 16,338               | 0         | 0         | 1,080                   | 22        | 264                     | 6         | 42                      | 42        | 42                     | 42  | 1,386      |
| 17 ~ 18      | 5.76            | 1,180     | 17,518               | 0         | 0         | 1,000                   | 15        | 180                     | 0         | 0                       | 0         | 0                      | 0   | 1,180      |
| 18 ~ 19      | 5.90            | 1,208     | 18,726               | 2         | 100       | 820                     | 24        | 288                     | 0         | 0                       | 0         | 0                      | 0   | 1,208      |
| 19 ~ 20      | 4.43            | 908       | 19,634               | 0         | 0         | 860                     | 4         | 48                      | 0         | 0                       | 0         | 0                      | 0   | 908        |
| 20 ~ 21      | 4.00            | 820       | 20,454               | 0         | 0         | 760                     | 5         | 60                      | 0         | 0                       | 0         | 0                      | 0   | 820        |
| 21 ~ 22      | 0.12            | 24        | 20,478               | 0         | 0         | 0                       | 2         | 24                      | 0         | 0                       | 0         | 0                      | 0   | 24         |
| 22 ~ 23      | 0.00            | 0         | 0                    | 0         | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0                      | 0   | 0          |
| 23 ~ 24      | 0.00            | 0         | 0                    | 0         | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0                      | 0   | 0          |
| Sub total    |                 | 9,794     |                      | 2         | 100       | 7,900                   | 137       | 1,644                   | 18        | 126                     | 126       | 126                    | 126 | 9,794      |
| TOTAL        |                 | 20,478    |                      | 4         | 200       | 16,100                  | 310       | 3,720                   | 62        | 434                     | 434       | 434                    | 434 | 20,478     |

Result of Pumping Volume each Water Containers

Sampling date 1 March 1995

Village name B. Phonphai (7)

50

20

15

7

(Volume 50Lit)

(Volume 20Lit)

(Volume 15Lit)

(Volume 7Lit)

Oil drum(Volume{1}) 30Lit Bucket(Volume{2}) 10Lit Bucket(Volume{3}) 10Lit Bucket(Volume{4})

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Oil drum | Volume{1} | Personnel | Volume{2} | Personnel | Volume{3} | Personnel | Volume{4} | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 2.45            | 532       | 532                  | 0        | 0         | 18        | 360       | 12        | 144       | 4         | 28        | 532        |
| 3 ~ 4        | 4.09            | 890       | 1,422                | 0        | 0         | 34        | 680       | 14        | 168       | 6         | 42        | 890        |
| 4 ~ 5        | 6.72            | 1,461     | 2,883                | 2        | 300       | 49        | 980       | 11        | 132       | 7         | 49        | 1,461      |
| 5 ~ 6        | 5.56            | 1,209     | 4,092                | 0        | 0         | 51        | 1,020     | 14        | 168       | 3         | 21        | 1,209      |
| 6 ~ 7        | 5.10            | 1,109     | 5,201                | 0        | 0         | 46        | 920       | 14        | 168       | 3         | 21        | 1,109      |
| 7 ~ 8        | 6.41            | 1,395     | 6,596                | 0        | 0         | 58        | 1,160     | 12        | 144       | 13        | 91        | 1,395      |
| 8 ~ 9        | 7.14            | 1,553     | 8,149                | 0        | 0         | 42        | 840       | 46        | 552       | 23        | 161       | 1,553      |
| 9 ~ 10       | 4.96            | 1,079     | 9,228                | 0        | 0         | 45        | 900       | 12        | 144       | 5         | 35        | 1,079      |
| 10 ~ 11      | 5.33            | 1,160     | 10,388               | 0        | 0         | 42        | 840       | 22        | 264       | 8         | 56        | 1,160      |
| 11 ~ 12      | 1.29            | 280       | 10,668               | 0        | 0         | 0         | 0         | 21        | 252       | 4         | 28        | 280        |
| Sub total    |                 | 10,668    |                      | 2        | 300       | 385       | 7,700     | 178       | 2,136     | 76        | 532       | 10,668     |
| 12 ~ 13      | 4.75            | 1,034     | 11,702               | 0        | 0         | 38        | 760       | 17        | 204       | 10        | 70        | 1,034      |
| 13 ~ 14      | 5.42            | 1,178     | 12,880               | 0        | 0         | 41        | 820       | 24        | 288       | 10        | 70        | 1,178      |
| 14 ~ 15      | 6.04            | 1,313     | 14,193               | 0        | 0         | 42        | 840       | 33        | 396       | 11        | 77        | 1,313      |
| 15 ~ 16      | 7.26            | 1,578     | 15,771               | 0        | 0         | 58        | 1,160     | 29        | 348       | 10        | 70        | 1,578      |
| 16 ~ 17      | 7.72            | 1,678     | 17,449               | 0        | 0         | 65        | 1,300     | 28        | 336       | 6         | 42        | 1,678      |
| 17 ~ 18      | 6.52            | 1,417     | 18,866               | 2        | 100       | 51        | 1,020     | 23        | 276       | 3         | 21        | 1,417      |
| 18 ~ 19      | 5.18            | 1,126     | 19,992               | 2        | 100       | 41        | 820       | 16        | 192       | 2         | 14        | 1,126      |
| 19 ~ 20      | 4.91            | 1,068     | 21,060               | 4        | 200       | 38        | 760       | 9         | 108       | 0         | 0         | 1,068      |
| 20 ~ 21      | 3.00            | 652       | 21,712               | 0        | 0         | 29        | 580       | 6         | 72        | 0         | 0         | 652        |
| 21 ~ 22      | 0.17            | 36        | 21,748               | 0        | 0         | 0         | 0         | 3         | 36        | 0         | 0         | 36         |
| 22 ~ 23      | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0        | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 11,080    |                      | 8        | 400       | 403       | 8,060     | 185       | 2,220     | 52        | 364       | 11,080     |
| TOTAL        |                 | 21,748    |                      | 10       | 700       | 788       | 15,760    | 363       | 4,356     | 128       | 896       | 21,748     |

Sheet1

Result of Pumping Volume each Village

(Sampling date 23 / Feb / 1995)

Village name B. Houn-Tai (1)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | 60 (Volume 60Lit) |           | 25 (Volume 25Lit) |           | 15 (Volume 15Lit) |           | 8 (Volume 8Lit) |           |
|--------------|-----------------|-----------|----------------------|-------------------|-----------|-------------------|-----------|-------------------|-----------|-----------------|-----------|
|              |                 |           |                      | Personnel         | Volume(1) | Personnel         | Volume(2) | Personnel         | Volume(3) | Personnel       | Volume(4) |
| 0 ~ 1        |                 | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 1 ~ 2        | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 2 ~ 3        | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 3 ~ 4        | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 4 ~ 5        | 3.15            | 450       | 450                  | 15                | 375       | 5                 | 75        | 0                 | 0         | 0               | 450       |
| 5 ~ 6        | 7.15            | 1,022     | 1472                 | 35                | 875       | 5                 | 75        | 9                 | 72        | 0               | 1,022     |
| 6 ~ 7        | 7.76            | 1,109     | 2,581                | 34                | 850       | 13                | 195       | 8                 | 64        | 0               | 1,109     |
| 7 ~ 8        | 9.14            | 1,307     | 3,888                | 45                | 1125      | 10                | 150       | 4                 | 32        | 0               | 1,307     |
| 8 ~ 9        | 4.60            | 658       | 4,546                | 20                | 500       | 10                | 150       | 1                 | 8         | 0               | 658       |
| 9 ~ 10       | 8.04            | 1,150     | 5,696                | 40                | 1000      | 10                | 150       | 0                 | 0         | 0               | 1,150     |
| 10 ~ 11      | 6.64            | 950       | 6,646                | 32                | 800       | 10                | 150       | 0                 | 0         | 0               | 950       |
| 11 ~ 12      | 7.52            | 1,075     | 7,721                | 34                | 850       | 15                | 225       | 0                 | 0         | 0               | 1,075     |
| Sub total    |                 | 7,721     |                      | 255               | 6,375     | 78                | 1,170     | 22                | 176       | 0               | 7,721     |
| 12 ~ 13      | 3.55            | 508       | 8,229                | 14                | 350       | 10                | 150       | 1                 | 8         | 0               | 508       |
| 13 ~ 14      | 4.13            | 591       | 8,820                | 20                | 500       | 5                 | 75        | 2                 | 16        | 0               | 591       |
| 14 ~ 15      | 1.05            | 150       | 8,970                | 6                 | 150       | 0                 | 0         | 0                 | 0         | 0               | 150       |
| 15 ~ 16      | 2.19            | 313       | 9,283                | 10                | 250       | 1                 | 15        | 6                 | 48        | 0               | 313       |
| 16 ~ 17      | 8.06            | 1,152     | 10,435               | 30                | 750       | 22                | 330       | 9                 | 72        | 0               | 1,152     |
| 17 ~ 18      | 10.63           | 1,520     | 11,955               | 50                | 1250      | 18                | 270       | 0                 | 0         | 0               | 1,520     |
| 18 ~ 19      | 6.99            | 1,000     | 12,955               | 31                | 775       | 15                | 225       | 0                 | 0         | 0               | 1,000     |
| 19 ~ 20      | 6.29            | 900       | 13,855               | 30                | 750       | 10                | 150       | 0                 | 0         | 0               | 900       |
| 20 ~ 21      | 3.11            | 445       | 14,300               | 16                | 400       | 3                 | 45        | 0                 | 0         | 0               | 445       |
| 21 ~ 22      | 0.00            | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 22 ~ 23      | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| 23 ~ 24      | 0               | 0         | 0                    | 0                 | 0         | 0                 | 0         | 0                 | 0         | 0               | 0         |
| Sub total    |                 | 6,579     |                      | 207               | 5,175     | 84                | 1,260     | 18                | 144       | 0               | 6,579     |
| TOTAL        |                 | 14,300    |                      | 462               | 11,550    | 162               | 2,430     | 40                | 320       | 0               | 14,300    |

Result of Pumping Volume each Village

(Sampling date 24 Feb 1995)

Village name B. Houn-Tai (2)

60 25 15 8

(Volume 60Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

011 drama(Volume[1]) 30Lit Bucket(Volume[2]) 20Lit Bucket(Volume[3]) 10Lit Bucket(Volume[4])

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 2.96            | 617       | 617                  | 5         | 125       | 20        | 300       | 24        | 192       | 24        | 192       | 617        |
| 4 ~ 5        | 7.47            | 1,560     | 2,177                | 30        | 750       | 38        | 570       | 30        | 240       | 30        | 240       | 1,560      |
| 5 ~ 6        | 8.46            | 1,765     | 3,942                | 25        | 625       | 44        | 660       | 60        | 480       | 60        | 480       | 1,765      |
| 6 ~ 7        | 5.48            | 1,143     | 5,085                | 25        | 625       | 26        | 390       | 16        | 128       | 16        | 128       | 1,143      |
| 7 ~ 8        | 4.37            | 913       | 5,998                | 19        | 475       | 26        | 390       | 6         | 48        | 6         | 48        | 913        |
| 8 ~ 9        | 4.48            | 935       | 6,933                | 19        | 475       | 20        | 300       | 20        | 160       | 20        | 160       | 935        |
| 9 ~ 10       | 6.15            | 1,283     | 8,216                | 37        | 925       | 18        | 270       | 11        | 88        | 11        | 88        | 1,283      |
| 10 ~ 11      | 4.02            | 839       | 9,055                | 15        | 375       | 24        | 360       | 13        | 104       | 13        | 104       | 839        |
| 11 ~ 12      | 7.37            | 1,538     | 10,593               | 48        | 1,200     | 14        | 210       | 16        | 128       | 16        | 128       | 1,538      |
| Sub total    |                 | 10,593    |                      | 223       | 5,575     | 230       | 3,450     | 196       | 1,568     | 196       | 1,568     | 10,593     |
| 12 ~ 13      | 5.45            | 1,138     | 11,731               | 28        | 700       | 26        | 390       | 6         | 48        | 6         | 48        | 1,138      |
| 13 ~ 14      | 4.96            | 1,036     | 12,767               | 23        | 575       | 27        | 405       | 7         | 56        | 7         | 56        | 1,036      |
| 14 ~ 15      | 6.57            | 1,372     | 14,139               | 29        | 725       | 41        | 615       | 4         | 32        | 4         | 32        | 1,372      |
| 15 ~ 16      | 5.37            | 1,121     | 15,260               | 24        | 600       | 31        | 465       | 7         | 56        | 7         | 56        | 1,121      |
| 16 ~ 17      | 6.02            | 1,257     | 16,517               | 25        | 625       | 40        | 600       | 4         | 32        | 4         | 32        | 1,257      |
| 17 ~ 18      | 6.92            | 1,445     | 17,962               | 38        | 950       | 33        | 495       | 0         | 0         | 0         | 0         | 1,445      |
| 18 ~ 19      | 6.20            | 1,295     | 19,257               | 35        | 875       | 28        | 420       | 0         | 0         | 0         | 0         | 1,295      |
| 19 ~ 20      | 4.93            | 1,030     | 20,287               | 34        | 850       | 12        | 180       | 0         | 0         | 0         | 0         | 1,030      |
| 20 ~ 21      | 2.80            | 585       | 0                    | 12        | 300       | 19        | 285       | 0         | 0         | 0         | 0         | 585        |
| 21 ~ 22      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 10,279    |                      | 248       | 6,200     | 257       | 3,855     | 28        | 224       | 28        | 224       | 10,279     |
| TOTAL        |                 | 20,872    |                      | 471       | 11,775    | 487       | 7,305     | 224       | 1,792     | 224       | 1,792     | 20,872     |

Sheet1

Result of Pumping Volume each Village

(Sampling date 25 Feb 1995) 25 15 8

Village name B. Houn-Tai (3)

(Volume 60Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | 0:11 drama(Volume(1)) |           | (Volume 25Lit) |           | (Volume 15Lit) |           | (Volume 8Lit) |           | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------------------|-----------|----------------|-----------|----------------|-----------|---------------|-----------|------------|
|              |                 |           |                      | Personnel             | Volume(1) | Personnel      | Volume(2) | Personnel      | Volume(3) | Personnel     | Volume(4) |            |
| 0 ~ 1        | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 4 ~ 5        | 0.00            | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 5 ~ 6        | 13.41           | 407       | 407                  | 2                     | 120       | 2              | 50        | 11             | 165       | 9             | 72        | 407        |
| 6 ~ 7        | 3.75            | 114       | 521                  | 0                     | 0         | 0              | 0         | 6              | 90        | 3             | 24        | 114        |
| 7 ~ 8        | 4.15            | 126       | 647                  | 0                     | 0         | 1              | 25        | 3              | 45        | 7             | 56        | 126        |
| 8 ~ 9        | 5.76            | 175       | 822                  | 0                     | 0         | 4              | 100       | 5              | 75        | 0             | 0         | 175        |
| 9 ~ 10       | 8.20            | 249       | 1,071                | 1                     | 60        | 2              | 50        | 5              | 75        | 8             | 64        | 249        |
| 10 ~ 11      | 7.84            | 238       | 1,309                | 1                     | 60        | 4              | 100       | 2              | 30        | 6             | 48        | 238        |
| 11 ~ 12      | 4.12            | 125       | 1,434                | 0                     | 0         | 2              | 50        | 5              | 75        | 0             | 0         | 125        |
| Sub total    |                 | 1,434     |                      | 4                     | 240       | 15             | 375       | 37             | 555       | 33            | 264       | 1,434      |
| 12 ~ 13      | 0.00            | 0         | 1,434                | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 13 ~ 14      | 9.72            | 295       | 1,729                | 2                     | 120       | 3              | 75        | 4              | 60        | 5             | 40        | 295        |
| 14 ~ 15      | 3.66            | 111       | 1,840                | 0                     | 0         | 1              | 25        | 2              | 30        | 7             | 56        | 111        |
| 15 ~ 16      | 12.55           | 381       | 2,221                | 0                     | 0         | 6              | 150       | 9              | 135       | 12            | 96        | 381        |
| 16 ~ 17      | 11.63           | 353       | 2,574                | 1                     | 60        | 5              | 125       | 8              | 120       | 6             | 48        | 353        |
| 17 ~ 18      | 12.09           | 367       | 2,941                | 0                     | 0         | 3              | 75        | 12             | 180       | 14            | 112       | 367        |
| 18 ~ 19      | 3.13            | 95        | 3,036                | 0                     | 0         | 2              | 50        | 3              | 45        | 0             | 0         | 95         |
| 19 ~ 20      | 0.00            | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 20 ~ 21      | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0                     | 0         | 0              | 0         | 0              | 0         | 0             | 0         | 0          |
| Sub total    |                 | 1,602     |                      | 3                     | 180       | 20             | 500       | 38             | 570       | 44            | 352       | 1,602      |
| TOTAL        |                 | 3,036     |                      | 7                     | 420       | 35             | 875       | 75             | 1,125     | 77            | 616       | 3,036      |



Sheet 1

Result of Pumping Volume each Village

(Sampling date 26 Feb 1995) 60 25 15 8

Village name B. Houn-Tai (4)

(Volume 60Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | 0:1 drama(Volume(1)) |           | 20Lit Bucket(Volume(2)) |           | 30Lit Bucket(Volume(3)) |           | 10Lit Bucket(Volume(4)) |           | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|----------------------|-----------|-------------------------|-----------|-------------------------|-----------|-------------------------|-----------|------------|
|              |                 |           |                      | Personnel            | Volume(1) | Personnel               | Volume(2) | Personnel               | Volume(3) | Personnel               | Volume(4) |            |
| 0 ~ 1        | 0               | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 3 ~ 4        | 0.00            | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 4 ~ 5        | 0.00            | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 5 ~ 6        | 10.84           | 267       | 267                  | 1                    | 60        | 4                       | 100       | 5                       | 75        | 4                       | 32        | 267        |
| 6 ~ 7        | 8.69            | 214       | 481                  | 0                    | 0         | 4                       | 100       | 6                       | 90        | 3                       | 24        | 214        |
| 7 ~ 8        | 2.92            | 72        | 553                  | 0                    | 0         | 1                       | 25        | 1                       | 15        | 4                       | 32        | 72         |
| 8 ~ 9        | 0.61            | 15        | 568                  | 0                    | 0         | 0                       | 0         | 1                       | 15        | 0                       | 0         | 15         |
| 9 ~ 10       | 3.57            | 88        | 656                  | 0                    | 0         | 2                       | 50        | 2                       | 30        | 1                       | 8         | 88         |
| 10 ~ 11      | 6.41            | 158       | 814                  | 1                    | 60        | 2                       | 50        | 0                       | 0         | 6                       | 48        | 158        |
| 11 ~ 12      | 2.23            | 55        | 869                  | 0                    | 0         | 1                       | 25        | 2                       | 30        | 0                       | 0         | 55         |
| Sub total    |                 | 869       |                      | 2                    | 120       | 14                      | 350       | 17                      | 255       | 18                      | 144       | 869        |
| 12 ~ 13      | 4.63            | 114       | 983                  | 0                    | 0         | 2                       | 50        | 0                       | 0         | 8                       | 64        | 114        |
| 13 ~ 14      | 7.88            | 194       | 1,177                | 0                    | 0         | 5                       | 125       | 3                       | 45        | 3                       | 24        | 194        |
| 14 ~ 15      | 7.27            | 179       | 1,356                | 0                    | 0         | 5                       | 125       | 2                       | 30        | 3                       | 24        | 179        |
| 15 ~ 16      | 15.47           | 381       | 1,737                | 2                    | 120       | 4                       | 100       | 7                       | 105       | 7                       | 56        | 381        |
| 16 ~ 17      | 16.73           | 412       | 2,149                | 0                    | 0         | 11                      | 275       | 7                       | 105       | 4                       | 32        | 412        |
| 17 ~ 18      | 9.38            | 231       | 2,380                | 0                    | 0         | 4                       | 100       | 5                       | 75        | 7                       | 56        | 231        |
| 18 ~ 19      | 3.37            | 83        | 2,463                | 0                    | 0         | 3                       | 75        | 0                       | 0         | 1                       | 8         | 83         |
| 19 ~ 20      | 0.00            | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 20 ~ 21      | 0               | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0                    | 0         | 0                       | 0         | 0                       | 0         | 0                       | 0         | 0          |
| Sub total    |                 | 1,594     |                      | 2                    | 120       | 34                      | 850       | 24                      | 360       | 33                      | 264       | 1,594      |
| TOTAL        |                 | 2,463     |                      | 4                    | 240       | 48                      | 1,200     | 41                      | 615       | 51                      | 408       | 2,463      |

Sheet1

Result of Pumping Volume each Village

(Sampling time 27 Feb 1995)

Village name B. Phonphai (5)

15 8

25

60

(Volume 15Lit)

(Volume 25Lit)

(Volume 60Lit)

(Volume 8Lit)

0:1 drama(Volume(1)) 30Lit Bucket(Volume(2)) 20Lit Bucket(Volume(3)) 10Lit Bucket(Volume(4))

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 5 ~ 6        | 11.38           | 330       | 330                  | 1         | 60        | 5         | 125       | 7         | 105       | 5         | 40        | 330        |
| 6 ~ 7        | 8.17            | 237       | 567                  | 0         | 0         | 4         | 100       | 7         | 105       | 4         | 32        | 237        |
| 7 ~ 8        | 1.96            | 57        | 624                  | 0         | 0         | 1         | 25        | 0         | 0         | 4         | 32        | 57         |
| 8 ~ 9        | 2.21            | 64        | 688                  | 0         | 0         | 1         | 25        | 1         | 15        | 3         | 24        | 64         |
| 9 ~ 10       | 3.79            | 110       | 798                  | 0         | 0         | 1         | 25        | 3         | 45        | 5         | 40        | 110        |
| 10 ~ 11      | 0.00            | 0         | 798                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 11 ~ 12      | 0.79            | 23        | 821                  | 0         | 0         | 0         | 0         | 1         | 15        | 1         | 8         | 23         |
| Sub total    |                 | 821       |                      | 1         | 60        | 12        | 300       | 19        | 285       | 22        | 176       | 821        |
| 12 ~ 13      | 8.76            | 254       | 1,075                | 0         | 0         | 5         | 125       | 7         | 105       | 3         | 24        | 254        |
| 13 ~ 14      | 14.51           | 421       | 1,496                | 2         | 120       | 3         | 75        | 2         | 30        | 2         | 16        | 241        |
| 14 ~ 15      | 9.34            | 271       | 1,767                | 0         | 0         | 5         | 125       | 6         | 90        | 7         | 56        | 271        |
| 15 ~ 16      | 13.79           | 400       | 2,167                | 2         | 120       | 6         | 150       | 6         | 90        | 5         | 40        | 400        |
| 16 ~ 17      | 15.75           | 457       | 2,624                | 2         | 120       | 7         | 175       | 6         | 90        | 9         | 72        | 457        |
| 17 ~ 18      | 9.03            | 262       | 2,886                | 1         | 60        | 2         | 50        | 8         | 120       | 4         | 32        | 262        |
| 18 ~ 19      | 0.52            | 15        | 2,901                | 0         | 0         | 0         | 0         | 1         | 15        | 0         | 0         | 15         |
| 19 ~ 20      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 20 ~ 21      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 2,080     |                      | 7         | 420       | 28        | 700       | 36        | 540       | 30        | 240       | 2,080      |
| TOTAL        |                 | 2,901     |                      | 8         | 480       | 40        | 1,000     | 55        | 825       | 52        | 416       | 2,901      |

Sheet1

Result of Pumping Volume each Village

(Sampling date 28 / Feb 1995) 60 25 15 8  
 Village name B. Houn-Tai (6) (Volume 60Lit) (Volume 25Lit) (Volume 15Lit) (Volume 8Lit)  
 Oil drama(Volume{1}) 30Lit Bucket(Volume{2}) 20Lit Bucket(Volume{3}) 10Lit Bucket(Volume{4})

| Pumping time | % of Times rate | Volume(L) | Amount Supply(Liter) | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 0.00            | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 5 ~ 6        | 11.71           | 330       | 330                  | 5         | 60        | 5         | 125       | 7         | 105       | 5         | 40        | 330        |
| 6 ~ 7        | 8.41            | 237       | 567                  | 4         | 0         | 4         | 100       | 7         | 105       | 4         | 32        | 237        |
| 7 ~ 8        | 2.02            | 57        | 624                  | 1         | 0         | 1         | 25        | 0         | 0         | 4         | 32        | 57         |
| 8 ~ 9        | 1.99            | 56        | 680                  | 1         | 0         | 1         | 25        | 1         | 15        | 2         | 16        | 56         |
| 9 ~ 10       | 3.90            | 110       | 790                  | 1         | 0         | 1         | 25        | 3         | 45        | 5         | 40        | 110        |
| 10 ~ 11      | 0.00            | 0         | 790                  | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 11 ~ 12      | 0.82            | 23        | 813                  | 0         | 0         | 0         | 0         | 1         | 15        | 1         | 8         | 23         |
| Sub total    |                 | 813       |                      | 1         | 60        | 12        | 300       | 19        | 285       | 21        | 168       | 813        |
| 12 ~ 13      | 9.01            | 254       | 1,067                | 0         | 0         | 5         | 125       | 7         | 105       | 3         | 24        | 254        |
| 13 ~ 14      | 14.94           | 421       | 1,488                | 2         | 120       | 3         | 75        | 2         | 30        | 2         | 16        | 241        |
| 14 ~ 15      | 9.62            | 271       | 1,759                | 0         | 0         | 5         | 125       | 6         | 90        | 7         | 56        | 271        |
| 15 ~ 16      | 14.19           | 400       | 2,159                | 2         | 120       | 6         | 150       | 6         | 90        | 5         | 40        | 400        |
| 16 ~ 17      | 13.56           | 382       | 2,541                | 0         | 0         | 7         | 175       | 9         | 135       | 9         | 72        | 382        |
| 17 ~ 18      | 9.30            | 262       | 2,803                | 1         | 60        | 2         | 50        | 8         | 120       | 4         | 32        | 262        |
| 18 ~ 19      | 0.53            | 15        | 2,818                | 0         | 0         | 0         | 0         | 1         | 15        | 0         | 0         | 15         |
| 19 ~ 20      | 0.00            | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 20 ~ 21      | 0.00            | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0.00            | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0.00            | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0.00            | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 2,005     |                      | 5         | 300       | 28        | 700       | 39        | 585       | 30        | 240       | 2,005      |
| TOTAL        |                 | 2,818     |                      | 6         | 360       | 40        | 1,000     | 58        | 870       | 51        | 408       | 2,818      |

Sheet1

Result of Pumping Volume each Village

Sampling date 1 March 1995

Village name B. Houn-Tai (7)

8

15

25

60

(Volume 8Lit)

(Volume 15Lit)

(Volume 25Lit)

(Volume 60Lit)

Oil drama(Volume(1)) 30Lit Bucket(Volume(2)) 20Lit Bucket(Volume(3)) 10Lit Bucket(Volume(4))

| Pumping time | % of times rate | Volume(L) | Amount Supply(Liter) | Personnel | Volume(1) | Personnel | Volume(2) | Personnel | Volume(3) | Personnel | Volume(4) | TOTAL(Lit) |
|--------------|-----------------|-----------|----------------------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|------------|
| 0 ~ 1        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 1 ~ 2        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 2 ~ 3        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 3 ~ 4        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 4 ~ 5        | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 5 ~ 6        | 19.31           | 546       | 546                  | 2         | 120       | 6         | 150       | 12        | 180       | 12        | 96        | 546        |
| 6 ~ 7        | 10.29           | 291       | 837                  | 0         | 0         | 4         | 100       | 9         | 135       | 7         | 56        | 291        |
| 7 ~ 8        | 8.45            | 239       | 1,076                | 0         | 0         | 4         | 100       | 5         | 75        | 8         | 64        | 239        |
| 8 ~ 9        | 6.05            | 171       | 1,247                | 1         | 60        | 2         | 50        | 3         | 45        | 2         | 16        | 171        |
| 9 ~ 10       | 6.79            | 192       | 1,439                | 0         | 0         | 4         | 100       | 4         | 60        | 4         | 32        | 192        |
| 10 ~ 11      | 3.08            | 87        | 1,526                | 0         | 0         | 1         | 25        | 2         | 30        | 4         | 32        | 87         |
| 11 ~ 12      | 1.06            | 30        | 1,556                | 0         | 0         | 0         | 0         | 2         | 30        | 0         | 0         | 30         |
| Sub total    |                 | 1,556     |                      | 3         | 180       | 21        | 525       | 37        | 555       | 37        | 296       | 1,556      |
| 12 ~ 13      | 0.81            | 23        | 1,579                | 0         | 0         | 0         | 0         | 1         | 15        | 1         | 8         | 23         |
| 13 ~ 14      | 8.13            | 230       | 1,809                | 0         | 0         | 4         | 100       | 6         | 90        | 5         | 40        | 230        |
| 14 ~ 15      | 12.31           | 348       | 2,157                | 0         | 0         | 9         | 225       | 5         | 75        | 6         | 48        | 348        |
| 15 ~ 16      | 13.86           | 392       | 2,549                | 1         | 60        | 6         | 150       | 4         | 60        | 8         | 64        | 392        |
| 16 ~ 17      | 8.49            | 240       | 2,789                | 2         | 120       | 5         | 125       | 5         | 75        | 9         | 72        | 240        |
| 17 ~ 18      | 1.38            | 39        | 2,828                | 0         | 0         | 5         | 125       | 5         | 75        | 5         | 40        | 39         |
| 18 ~ 19      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 1         | 15        | 3         | 24        | 0          |
| 19 ~ 20      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 20 ~ 21      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 21 ~ 22      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 22 ~ 23      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| 23 ~ 24      | 0               | 0         | 0                    | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0         | 0          |
| Sub total    |                 | 1,272     |                      | 3         | 180       | 29        | 725       | 27        | 405       | 37        | 296       | 1,273      |
| TOTAL        |                 | 2,828     |                      | 6         | 360       | 50        | 1,250     | 64        | 960       | 74        | 592       | 2,829      |

## 2.4 Water Use Survey in 10 Villages

Result of Water Use Survey Selection 5 Villages in Saravan Province ( Sheet 1)

Village NONGPHAY (P) Source Observed Mr. TABILAY (Village Chief)  
 Enumerator Mr. CHA Date. 26 June. 1995  
 Weather CLEAR

HOUSEHOLD CENSUS

| NO | Name of Household head | No in Household | HOUSEHOLD COMPOSITION |                |            |              | DISTANCE TO WATER SOURCE |         | INDICES OF wealth's |             |       | Remarks        |
|----|------------------------|-----------------|-----------------------|----------------|------------|--------------|--------------------------|---------|---------------------|-------------|-------|----------------|
|    |                        |                 | 0 to 12 Years         | 13 to 60 Years | Over to 60 | Water Source | Old (m)                  | New (m) | Paddy (ha)          | Livestock's | Other |                |
| 1  | MAYI                   | 3               | 0                     | 2              | 1          | Pump (2)     | 300                      | 750     | 1.2                 | B-2. C-0    | 0     | Farming        |
| 2  | TONGSY                 | 6               | 2                     | 2              | 2          | Pump (2)     | 80                       | 470     | 1.3                 | B-0. C-0    | 0     | Farming        |
| 3  | TABILAY                | 6               | 4                     | 2              | 0          | Pump (2)     | 110                      | 420     | 1.1                 | B-3. C-0    | 0     | Farming        |
| 4  | CHA                    | 8               | 2                     | 5              | 1          | Pump (2)     | 280                      | 380     | 1.5                 | B-3. C-7    | 0     | Farming        |
| 5  | CHIAM                  | 8               | 2                     | 6              | 0          | Pump (2)     | 320                      | 430     | 1.3                 | B-1. C-0    | 0     | Farming        |
| 6  | VISAI                  | 3               | 0                     | 3              | 0          | Pump (2)     | 340                      | 380     | 1.5                 | B-2. C-0    | 0     | Farming        |
| 7  | TATA                   | 9               | 5                     | 4              | 0          | Pump (2)     | 650                      | 550     | 0.8                 | B-4. C-1    | 0     | Farming        |
| 8  | POPAN                  | 9               | 4                     | 4              | 1          | Pump (2)     | 420                      | 320     | 1.5                 | B-0. C-0    | 0     | Farming        |
| 9  | DOM                    | 6               | 2                     | 4              | 0          | Pump (1)     | 280                      | 120     | 1.2                 | B-1. C-2    | 0     | Farming        |
| 10 | TUPON                  | 5               | 3                     | 2              | 0          | Pump (1)     | 360                      | 220     | 0                   | B-0. C-0    | 0     | Public servant |

C : Number of Cattle

B : Number of Water Buffalo

Result of Water Use Survey Selection 5 Villages in Saravan Province ( Sheet 1)

Village BENG (P) Source Observed Mr. VILAI (Village Chief)  
 Enumerator VILAI Date. 23. June. 1995.  
 Weather CLEAR

HOUSEHOLD CENSUS

| No | Name of Household | No in Household | HOUSEHOLD COMPOSITION |                |            |              | DISTANCE TO WATER SOURCE |         | INDICES OF Wealth's |             |            | Remarks |
|----|-------------------|-----------------|-----------------------|----------------|------------|--------------|--------------------------|---------|---------------------|-------------|------------|---------|
|    |                   |                 | 0 to 12 Years         | 13 to 60 Years | Over to 60 | Water Source | Old (m)                  | New (m) | Paddy (ha)          | Livestock's | Up-Land    |         |
| 1  | VILAI             | 6               | 4                     | 2              | 0          | H. Soun      | 1,100                    | 12      | 0.2                 | B-0. C-4    | Rice 0.7ha | Farming |
| 2  | SAOSOK            | 4               | 0                     | 4              | 0          | H. Soun      | 1,000                    | 160     | 0                   | B-0. C-2    | Rice 2ha   | Farming |
| 3  | NHOU              | 5               | 3                     | 2              | 0          | H. Soun      | 700                      | 350     | 0.2                 | B-0. C-3    | Rice 1ha   | Farming |
| 4  | TAO TEAN          | 6               | 0                     | 6              | 0          | H. Soun      | 800                      | 120     | 0                   | B-0. C-2    | Rice 0.5ha | Farming |
| 5  | TAO CHIT          | 4               | 2                     | 2              | 0          | H. Soun      | 900                      | 85      | 0                   | B-0. C-0    | Rice 1ha   | Farming |
| 6  | TAO SAVAN         | 4               | 2                     | 2              | 0          | H. Thong     | 350                      | 280     | 0                   | B-0. C-7    | 0          | Teacher |
| 7  | DOM               | 5               | 3                     | 2              | 0          | H. Thong     | 300                      | 550     | 0                   | B-0. C-0    | Rice 0.5ha | Farming |
| 8  | KO                | 7               | 4                     | 3              | 0          | H. Thong     | 500                      | 350     | 0                   | B-0. C-5    | Rice 2ha   | Farming |
| 9  | BOULEUT           | 3               | 1                     | 2              | 0          | H. Thong     | 450                      | 440     | 0                   | B-1. C-5    | Rice 1ha   | Farming |
| 10 | POUI              | 6               | 3                     | 3              | 0          | H. Soun      | 900                      | 560     | 0.3                 | B-0. C-0    | Rice 1ha   | Farming |

C : Number of Cattle  
 B : Number of Water Buffalo

Sheet 1

Result of Water Use Survey Selection 5 Villages in Saravan Province ( Sheet 1)

Village THAT NOY Source Observed Mr. SOY (Village Chief)  
 Enumerator Mr. SOY Date. 23. June. 1995.  
 Weather CLEAR

HOUSEHOLD CENSUS

| NO | Name of Household | No in Household | HOUSEHOLD COMPOSITION |              |                  | DISTANCE TO WATER SOURCE |         | INDICES OF Wealth's |            |             | Remarks |                |
|----|-------------------|-----------------|-----------------------|--------------|------------------|--------------------------|---------|---------------------|------------|-------------|---------|----------------|
|    |                   |                 | 0 to 2 Years          | 3 to 6 Years | Over to 60 Years | Water Source             | Old (m) | New (m)             | Paddy (ha) | Livestock's |         | Other          |
| 1  | SOY               | 11              | 5                     | 6            | 0                | H. Kaeon                 | 500     | 0                   | 2.6        | B-4. C-1    | 0       | Small Stall    |
| 2  | THING             | 7               | 4                     | 3            | 0                | H. Kaeon                 | 560     | 0                   | 2          | B-2. C-0    | 0       | Farming        |
| 3  | BOUATHONG         | 6               | 4                     | 2            | 0                | H. Kaeon                 | 700     | 0                   | 0          | B-0. C-0    | 0       | Tenant Farming |
| 4  | HIN               | 10              | 4                     | 6            | 0                | H. Kaeon                 | 650     | 0                   | 0          | B-0. C-0    | 0       | Tenant Farming |
| 5  | TAO CHO           | 2               | 0                     | 2            | 0                | H. Kaeon                 | 560     | 0                   | 2          | B-1. C-0    | 0       | Farming        |
| 6  | NANGNYON          | 6               | 4                     | 2            | 0                | H. Kaeon                 | 520     | 0                   | 1.5        | B-3. C-1    | 0       | Farming        |
| 7  | TAO HSUT          | 6               | 4                     | 2            | 0                | H. Kaeon                 | 530     | 0                   | 0.5        | B-1. C-0    | 0       | Farming        |
| 8  | Mrs. PENG         | 7               | 3                     | 4            | 0                | H. Kaeon                 | 430     | 0                   | 1.5        | B-0. C-0    | 0       | Farming        |
| 9  | TAO CHUM          | 7               | 5                     | 2            | 0                | H. Kaeon                 | 420     | 0                   | 1.2        | B-1. C-0    | 0       | Farming        |
| 10 | TABY              | 4               | 2                     | 2            | 0                | H. Kaeon                 | 400     | 0                   | 2          | B-0. C-0    | 0       | Farming        |

C : Number of Cattle  
 B : Number of Water Buffalo



Sheet 1

Result of Water Use Survey Selection 5 Villages in Saravang Province ( Sheet 1)

Village SENVANG - NOY Source Observed Mr. SIEMUAN (Village Chief)  
 Enumerator Mr. SIE MUAN Date. 23 June. 1995.  
 Weather CLOUDY

HOUSEHOLD CENSUS

| NO | Name of Household head | No in Household | HOUSEHOLD COMPOSITION |                |            | DISTANCE TO WATER SOURCE |         | INDICES OF Wealth's |           | Remarks   |             |         |
|----|------------------------|-----------------|-----------------------|----------------|------------|--------------------------|---------|---------------------|-----------|-----------|-------------|---------|
|    |                        |                 | 0 to 12 Years         | 13 to 60 Years | Over to 60 | Water Source             | Old (m) | New (m)             | Paddy(ha) |           | Livestock's | Up-Land |
| 1  | SIE MUAN               | 11              | 6                     | 5              | 0          | H. Thong                 | 250     | 0                   | 0.7       | B-5 . C-0 | 0           | Farming |
| 2  | LEY                    | 8               | 3                     | 5              | 0          | H. Thong                 | 440     | 0                   | 0.6       | B-2 . C-2 | 0           | Farming |
| 3  | PIN                    | 6               | 3                     | 3              | 0          | H. Thong                 | 450     | 0                   | 0         | B-0 . C-1 | Rice 0.7ha  | Farming |
| 4  | LAO                    | 8               | 3                     | 5              | 0          | H. Thong                 | 480     | 0                   | 0         | B-0 . C-1 | Rice 0.5ha  | Farming |
| 5  | LITE                   | 8               | 5                     | 3              | 0          | H. Thong                 | 550     | 0                   | 0.8       | B-3 . C-1 | 0           | Farming |
| 6  | EAO                    | 6               | 3                     | 3              | 0          | H. Thong                 | 330     | 0                   | 0         | B-0 . C-2 | Rice 0.5ha  | Farming |
| 7  | KANUA                  | 6               | 4                     | 2              | 0          | H. Thong                 | 150     | 0                   | 0         | B-0 . C-0 | Rice 0.5ha  | Farming |
| 8  | LAY                    | 7               | 5                     | 2              | 0          | H. Thong                 | 170     | 0                   | 0.8       | B-1 . C-3 | 0           | Farming |
| 9  | TONG PAT               | 5               | 2                     | 3              | 0          | H. Thong                 | 510     | 0                   | 0         | B-0 . C-1 | Rice 0.5ha  | Farming |
| 10 | BUASONG                | 7               | 5                     | 2              | 0          | H. Thong                 | 520     | 0                   | 1.5       | B-2 . C-0 | 0           | Farming |

C : Number of Cattle  
 B : Number of Water Buffalo

Sheet 1

Result of Water Use Survey Selection 5 Villages in Champasak Province ( Sheet 1)

Village LAK 24 Source Observed Mr. SY (Village Chief)  
 Enumerator Mr., SY Date 26 Jun. 1995  
 Weather CLEAR

HOUSEHOLD CENSUS

| NO | Name of Household | No in Household | HOUSEHOLD COMPOSITION |              |                    | Water Source       | DISTANCE TO WATER SOURCE |         | INDICES OF Wealth's |             | Remarks    |                |
|----|-------------------|-----------------|-----------------------|--------------|--------------------|--------------------|--------------------------|---------|---------------------|-------------|------------|----------------|
|    |                   |                 | 0 to 2 Years          | 3 to 6 Years | Over 6 to 10 Years |                    | Old (m)                  | New (m) | Paddy (ha)          | Livestock's |            | Up-Land        |
| 1  | SY                | 10              | 5                     | 5            | 0                  | H. Bangliang+ Pump | 380                      | 210     | 1                   | B-2 . C-2   | 0          | Farming        |
| 2  | KAMPEAN           | 6               | 1                     | 5            | 0                  | H. Bangliang+ Pump | 350                      | 220     | 1                   | B-0 . C-2   | 0          | Farming        |
| 3  | LIAN              | 5               | 2                     | 3            | 0                  | H. Bangliang+ Pump | 250                      | 280     | 0                   | B-0 . C-4   | Rice 0.3ha | Tenant Farming |
| 4  | SAVAT             | 8               | 3                     | 5            | 0                  | H. Bangliang+ Pump | 55                       | 450     | 0                   | B-0 . C-1   | Coffee 3ha | Farming        |
| 5  | SIAM              | 8               | 3                     | 3            | 2                  | H. Bangliang+ Pump | 480                      | 70      | 1                   | B-3 . C-6   | 0          | Farming        |
| 6  | KHON              | 5               | 2                     | 3            | 0                  | H. Bangliang+ Pump | 320                      | 260     | 1                   | B-4 . C-4   | 0          | Farming        |
| 7  | PHAT              | 3               | 1                     | 2            | 0                  | H. Bangliang       | 20                       | 480     | 0                   | B-0 . C 0   | Rice 0.5ha | Farming        |
| 8  | SICHANT           | 6               | 4                     | 2            | 0                  | H. Bangliang+ Pump | 630                      | 65      | 0                   | B-0 . C-0   | Rice 1.5ha | Farming        |
| 9  | TOMDAM            | 5               | 2                     | 3            | 0                  | H. Bangliang+ Pump | 600                      | 20      | 0.5                 | B-1 . C-0   | 0          | Farming        |
| 10 | MARAITONG         | 1               | 0                     | 0            | 1                  | Pump               | 410                      | 210     | 0                   | B-0 . C-0   | 0          | Small Stall    |

C : Number of Cattle  
 B : Number of Water Buffalo

Result of Water Use Survey Selection 5 Villages in Champasak Province ( Sheet 1)

Village HOUAKHOUA Source Observed Mr. SAGUAN (Village Chief)

Enumerator Mr. SAGUAN Date. 22 June. 1995.

Weather CLEAR

HOUSEHOLD CENSUS

| No | Name of Household head | No in Household | HOUSEHOLD COMPOSITION |                |            | DISTANCE TO WATER SOURCE |         | INDICES OF Wealth's |            |             | Remarks        |                |
|----|------------------------|-----------------|-----------------------|----------------|------------|--------------------------|---------|---------------------|------------|-------------|----------------|----------------|
|    |                        |                 | 0 to 12 Years         | 13 to 60 Years | Over to 60 | Water Source             | Old (m) | New (m)             | Paddy (ha) | Livestock's |                | Other          |
| 1  | SAGUAN                 | 8               | 6                     | 2              | 0          | Pump [1]                 | 180     | 0                   | 1          | B-2 . C-0   | 0              | Farming        |
| 2  | SATITH                 | 6               | 4                     | 2              | 0          | Well                     | 100     | 0                   | 1          | B-0 . C-1   | 0              | Farming        |
| 3  | POKASO                 | 4               | 1                     | 3              | 0          | pump [1]                 | 110     | 0                   | 0.8        | B-1 . C-0   | Temporary Work | Farming        |
| 4  | SOUR                   | 12              | 5                     | 7              | 0          | pump [1]                 | 80      | 0                   | 2          | B-2 . C-3   | 0              | Farming        |
| 5  | HACK                   | 6               | 4                     | 2              | 0          | pump [1]                 | 170     | 0                   | 1          | B-1 . C-0   | 0              | Farming        |
| 6  | NOU                    | 2               | 0                     | 0              | 2          | pump [1]                 | 190     | 0                   | 0          | B-0 . C-0   | 0              | Tenant Farming |
| 7  | OHM                    | 8               | 4                     | 2              | 2          | pump [1]                 | 50      | 0                   | 1          | B-3 . C-16  | 0              | Farming        |
| 8  | KHAMHEUM               | 5               | 3                     | 2              | 0          | well                     | 15      | 0                   | 1          | B-4 . C-3   | 0              | Farming        |
| 9  | WAY                    | 7               | 2                     | 3              | 2          | pump [1]                 | 220     | 0                   | 1          | B-3 . C-5   | 0              | Farming        |
| 10 | SUAM                   | 7               | 3                     | 2              | 2          | pump [1]                 | 100     | 0                   | 2          | B-4 . C-4   | 0              | Farming        |

C : Number of Cattle  
B : Number of Water Buff

Result of Water Use Survey Selection 5 Villages in Saravan Province (Sheet 1)

Village CHONG  
 Enumerator Mr. VEN  
 Weather CLEAR

Source Observed Mr. VEN (Village Chief)  
 Date 27 June. 1995

HOUSEHOLD CENSUS

| No | Name of Household | No in Household | HOUSEHOLD COMPOSITION |                |         |                 | Water Source | DISTANCE TO WATER SOURCE |             | Paddy (ha) | INDICES OF Wealth's |         | Remarks |
|----|-------------------|-----------------|-----------------------|----------------|---------|-----------------|--------------|--------------------------|-------------|------------|---------------------|---------|---------|
|    |                   |                 | 0 to 12 Years         | 13 to 60 Years | Over 60 | Old (m)         |              | New (m)                  | Livestock's |            | Up-land             |         |         |
| 1  | VEN               | 12              | 5                     | 7              | 0       | H. Thong + Pump | 350          | 110                      | 2.5         | B-8. C-30  | 0                   | Farming |         |
| 2  | MORO              | 2               | 0                     | 2              | 0       | H. Thong + Pump | 480          | 180                      | 1.5         | B-0. C-0   | Rice-0.5ha          | Farming |         |
| 3  | MOUSON            | 3               | 0                     | 3              | 0       | H. Thong + Pump | 390          | 120                      | 2.0         | B-7. C-10  | 0                   | Farming |         |
| 4  | BUASON            | 5               | 1                     | 4              | 0       | H. Thong + Pump | 410          | 150                      | 1.6         | B-3. C-0   | Rice-0.5ha          | Farming |         |
| 5  | TAONHOY           | 11              | 2                     | 8              | 1       | H. Thong + Pump | 370          | 130                      | 2.0         | B-3. C-15  | 0                   | Farming |         |
| 6  | TAPON             | 6               | 4                     | 2              | 0       | H. Thong + Pump | 330          | 60                       | 1.9         | B-0. C-0   | 0                   | Farming |         |
| 7  | SINNO             | 7               | 3                     | 4              | 0       | H. Thong + Pump | 450          | 210                      | 1.6         | B-1. C-10  | 0                   | Farming |         |
| 8  | SONPUI            | 6               | 1                     | 5              | 0       | H. Thong + Pump | 550          | 260                      | 1.6         | B-3. C-5   | Rice-0.5ha          | Farming |         |
| 9  | NANGDAM           | 4               | 0                     | 4              | 0       | H. Thong + Pump | 440          | 230                      | 2.0         | B-3. C-10  | 0                   | Farming |         |
| 10 | TAO KEN           | 4               | 1                     | 2              | 1       | H. Thong + Pump | 310          | 220                      | 1.6         | B-1. C-1   | Rice-0.5ha          | Farming |         |

C: Number of Cattle  
 B: Number of Water Buffalo

Result of Water Use Survey Selection 5 Villages in Champasak Province (Sheet 1)

Village NONGKHAMKHAO Source Observed Mr. BAUNTAVY (Village Chief)  
 Enumerator Mr. BAUNTAVY Date 23. June. 1995.  
 Weather CLEAR

HOUSEHOLD CENSUS

| No | Name of Household head | No. in Household | HOUSEHOLD COMPOSITION |                |         | DISTANCE TO WATER SOURCE |         | INDICES OF Wealth's |            | Remarks  |                     |   |                |
|----|------------------------|------------------|-----------------------|----------------|---------|--------------------------|---------|---------------------|------------|----------|---------------------|---|----------------|
|    |                        |                  | 0 to 12 Years         | 13 to 60 Years | Over 60 | Water Source             | Old (m) | New (m)             | Paddy (ha) |          | Livestock's UP-Land |   |                |
| 1  | BAUNTAVY               | 5                | 2                     | 3              | 0       | WELL + POND              | 480     | 0                   | 0          | B-0. C-0 | 0                   | 0 | Small Stall    |
| 2  | SAMAN                  | 3                | 1                     | 2              | 0       | WELL + POND              | 450     | 0                   | 0          | B-0. C-0 | 0                   | 0 | Civil servant  |
| 3  | PEAN                   | 3                | 2                     | 1              | 0       | POND                     | 15      | 0                   | 0          | B-0. C-0 | 0                   | 0 | Handicraft     |
| 4  | KHAMSEN                | 8                | 3                     | 5              | 0       | WELL + POND              | 530     | 0                   | 0          | B-1. C-7 | Rice 1ha            | 0 | Farmer         |
| 5  | DAO                    | 8                | 4                     | 4              | 0       | WATER TANK               | 0       | 0                   | 0          | B-0. C-0 | Rice 5ha            | 0 | Driver         |
| 6  | VANHY                  | 5                | 3                     | 2              | 0       | WELL + POND              | 350     | 0                   | 0          | B-0. C-0 | 0                   | 0 | Soldier        |
| 7  | BOUA                   | 7                | 5                     | 2              | 0       | WELL + POND              | 280     | 0                   | 0          | B-0. C-0 | 0                   | 0 | Soldier        |
| 8  | POUN                   | 7                | 4                     | 2              | 1       | WELL + POND              | 370     | 0                   | 0          | B-0. C-2 | 0                   | 0 | Soldier        |
| 9  | KHAN                   | 3                | 1                     | 2              | 0       | WELL + POND              | 410     | 0                   | 0.5        | B-0. C-0 | 0                   | 0 | Temporary work |
| 10 | VONG                   | 2                | 0                     | 2              | 0       | WELL + POND              | 360     | 0                   | 0          | B-0. C-0 | 0                   | 0 | Temporary work |

C: Number of Cattle  
 B: Number of Water Buffalo

Sheet 1

Result of Water Use Survey Selection 5 Villages in Saravan Province (Sheet 1)

Village DONMUANG Source Observed Mr. PHU (Village Chief)  
 Enumerator Mr. PHU Date 22 June, 1995  
 Weather CLEAR

HOUSEHOLD CENSUS

| No | Name of Household head | No in Household | HOUSEHOLD COMPOSITION |                |            | Water Source  | DISTANCE TO WATER SOURCE |         | INDICES OF Wealth's |             |       | Remarks   |
|----|------------------------|-----------------|-----------------------|----------------|------------|---------------|--------------------------|---------|---------------------|-------------|-------|-----------|
|    |                        |                 | 0 to 12 Years         | 13 to 60 Years | Over to 60 |               | Old (m)                  | New (m) | Paddy (ha)          | Livestock's | Other |           |
| 1  | PHU                    | 11              | 3                     | 6              | 2          | Pump + Xedong | 450                      | 210     | 3.0                 | B-2. C-3    | 0     | Farming   |
| 2  | WEE                    | 5               | 3                     | 2              | 0          | Pump + Xedong | 330                      | 110     | 0.0                 | B-0. C-0    | 0     | Rice mill |
| 3  | BOWN                   | 10              | 6                     | 3              | 1          | Pump + Xedong | 60                       | 220     | 2.6                 | B-3. C-2    | 0     | Farming   |
| 4  | DEN                    | 9               | 2                     | 7              | 0          | Pump + Xedong | 25                       | 250     | 4.2                 | B-3. C-3    | 0     | Farming   |
| 5  | KAMBE MAN              | 7               | 2                     | 5              | 0          | Pump + Xedong | 20                       | 430     | 3.5                 | B-4. C-8    | 0     | Farming   |
| 6  | SINTOW                 | 12              | 5                     | 6              | 1          | Pump + Xedong | 35                       | 230     | 2.8                 | B-1. C-0    | 0     | Farming   |
| 7  | SAMLON                 | 14              | 5                     | 9              | 0          | Pump + Xedong | 70                       | 380     | 2.0                 | B-3. C-5    | 0     | Farming   |
| 8  | POUN                   | 2               | 0                     | 0              | 2          | Pump + Xedong | 90                       | 370     | 2.0                 | B-0. C-0    | 0     | Farming   |
| 9  | YONG                   | 8               | 3                     | 5              | 0          | Pump + Xedong | 540                      | 410     | 2.0                 | B-3. C-5    | 0     | Farming   |
| 10 | MONGTE                 | 8               | 4                     | 4              | 0          | Pump + Xedong | 630                      | 450     | 2.6                 | B-3. C-5    | 0     | Farming   |

C: Number of Cattle  
 B: Number of Water Buffalo

Sheet1

Result of Water Use Survey Selection 5 Villages in Champasak Province (Sheet 1)

Village LOUY (P) Source Observed Mr. TONGCHAN (Third Village Chief)  
 Enumerator Mr. CHIAN Date. 22 . June 1995.  
 Weather CLEAR

HOUSEHOLD CENSUS

| No | Name of Household head | No in Household | HOUSEHOLD COMPOSITION |               |           | Water Source | DISTANCE TO WATER SOURCE |         | INDICES OF wealth's |             |            | Remarks    |
|----|------------------------|-----------------|-----------------------|---------------|-----------|--------------|--------------------------|---------|---------------------|-------------|------------|------------|
|    |                        |                 | 0 to12 Years          | 13 to60 Years | Over to60 |              | Old (m)                  | New (m) | Paddy(ha)           | Livestock's | Other      |            |
| 1  | KHEO                   | 3               | 1                     | 2             | 0         | WELL + PUMP  | 1,250                    | 180     | 0.5                 | B-0. C-2    | Handicraft | Farming    |
| 2  | KEN                    | 1               | 0                     | 1             | 0         | WELL + PUMP  | 1,300                    | 210     | 0.5                 | B-1. C-0    | 0          | Farming    |
| 3  | TONG CHAN              | 3               | 0                     | 3             | 0         | WELL + PUMP  | 1,200                    | 120     | 0.5                 | B-0. C-0    | 0          | Farming    |
| 4  | CHIAN                  | 5               | 1                     | 3             | 1         | WELL + PUMP  | 1,100                    | 160     | 1.0                 | B-3. C-9    | Handicraft | Farming    |
| 5  | BUNPHEN                | 7               | 2                     | 3             | 2         | WELL + PUMP  | 1,000                    | 60      | 1.3                 | B-2. C-0    | Handicraft | Farming    |
| 6  | VAO                    | 6               | 4                     | 2             | 0         | WELL + PUMP  | 1,000                    | 50      | 0.5                 | B-1. C-3    | 0          | Farming    |
| 7  | DANDY                  | 7               | 4                     | 3             | 0         | WELL + PUMP  | 1,000                    | 160     | 1.5                 | B-1. C-4    | 0          | Farming    |
| 8  | BONGNIAN               | 7               | 4                     | 3             | 0         | WELL + PUMP  | 1,100                    | 180     | 1.5                 | B-1. C-0    | 0          | Farming    |
| 9  | PORA                   | 5               | 3                     | 2             | 0         | WELL + PUMP  | 900                      | 110     | 0.0                 | B-0. C-0    | 0          | Labor work |
| 10 | MAISAY                 | 6               | 3                     | 2             | 1         | WELL + PUMP  | 1,150                    | 140     | 1.0                 | B-1. C-2    | Handicraft | Farming    |

C: Number of Cattle  
 B: Number of Water Buffalo

2.5 Water Use Survey in 10 Villages  
(During Rainy Season)



Result of Water Use Survey Selection 10 Families in Village ( Sheet 2 )  
 Interview for each 10 Users

Survey date 27. June. 1995.

| Village Name                  | 1     | 2       | 3     | 4      | 5     | 6     | 7     | 8        | 9      | 10        | subtotal |
|-------------------------------|-------|---------|-------|--------|-------|-------|-------|----------|--------|-----------|----------|
| Name of Selected House head   | SY    | KAMPEAN | LJAN  | SAVANT | SIAM  | KHON  | PHAT  | SICHLANT | TOMDAM | MARAITONG |          |
| Water stored last night (A)   | 15    | 20      | 40    | 30     | 60    | 30    | 0     | 10       | 10     | 10        | 225      |
| Drinking unboiled (yes or no) | YES   | YES     | YES   | YES    | YES   | YES   | NO    | YES      | YES    | YES       |          |
| [ MORNING ]                   |       |         |       |        |       |       |       |          |        |           |          |
| 1) Cooking and Tea            | 15    | 10      | 15    | 15     | 10    | 15    | 10    | 10       | 10     | 10        | 120      |
| 2) Washing food and utensils  | 5     | 5       | 5     | 10     | 10    | 10    | 5     | 5        | 5      | 5         | 65       |
| 3) Personal Washing           | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 30        | 30       |
| 4) Washing clothes            | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 20        | 20       |
| 5) Garden watering            | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 60     | 0         | 60       |
| 6) Livestock                  | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 0         | 0        |
| 7) Brewing and industry       | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 0         | 0        |
| Sub TOTAL (B)                 | 20    | 15      | 20    | 25     | 20    | 25    | 15    | 15       | 75     | 65        | 295      |
| Water collected in morning    | 40    | 20      | 50    | 20     | 40    | 20    | 20    | 20       | 20     | 20        | 270      |
| Water stored in morning (C)   | 10    | 10      | 10    | 10     | 10    | 10    | 0     | 10       | 10     | 10        | 90       |
| CHECK: (A + B) - C = TOTAL    | 25    | 25      | 50    | 45     | 70    | 45    | 15    | 15       | 75     | 65        | 430      |
| [ AFTERNOON ]                 |       |         |       |        |       |       |       |          |        |           |          |
| 1) Cooking and Tea            | 15    | 10      | 15    | 15     | 15    | 15    | 15    | 10       | 15     | 10        | 135      |
| 2) Washing food and utensils  | 10    | 10      | 5     | 10     | 10    | 10    | 5     | 10       | 10     | 10        | 90       |
| 3) Personal Washing           | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 30        | 30       |
| 4) Washing clothes            | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 0         | 0        |
| 5) Garden watering            | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 60     | 0         | 60       |
| 6) Livestock                  | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 0         | 0        |
| 7) Brewing and industry       | 0     | 0       | 0     | 0      | 0     | 0     | 0     | 0        | 0      | 0         | 0        |
| Sub Total (D)                 | 25    | 20      | 20    | 25     | 25    | 25    | 20    | 20       | 85     | 50        | 315      |
| Water collected during day    | 60    | 40      | 70    | 40     | 60    | 40    | 0     | 80       | 160    | 40        | 590      |
| Water stored in evening (E)   | 10    | 10      | 10    | 10     | 30    | 20    | 10    | 10       | 10     | 10        | 130      |
| CHECK: (C + D) - E = TOTAL    | 25    | 20      | 20    | 25     | 5     | 15    | 10    | 20       | 85     | 50        | 275      |
| Clothes washed at source ?    | RIVER | RIVER   | RIVER | RIVER  | RIVER | RIVER | RIVER | RIVER    | RIVER  | RIVER     | PUMP     |
| Personal washing at source ?  | RIVER | RIVER   | RIVER | RIVER  | RIVER | RIVER | RIVER | RIVER    | RIVER  | RIVER     | PUMP     |



Result of Water Use Survey Selection 10 Families in Village ( Sheet 2 )  
 Survey date 27. June. 1995.

TARA-PUMP[1]  
 Village Name HOUAKHOUA

Interview for each 10 Users

| Name of Selected House head   | 1       | 2      | 3       | 4        | 5       | 6       | 7       | 8    | 9       | 10      | subtotal |
|-------------------------------|---------|--------|---------|----------|---------|---------|---------|------|---------|---------|----------|
|                               | SAGUAN  | SATITH | PAKASO  | KHAMELUM | HACK    | NOU     | OHM     | SUUR | WAY     | SUAM    |          |
| Water stored last night (A)   | 10      | 10     | 10      | 20       | 10      | 10      | 10      | 10   | 10      | 10      | 110      |
| Drinking unboiled (yes or no) | YES     | YES    | YES     | YES      | YES     | NO      | YES     | YES  | YES     | YES     |          |
| [ MORNING ]                   |         |        |         |          |         |         |         |      |         |         |          |
| 1) Cooking and Tea            | 15      | 10     | 15      | 20       | 10      | 10      | 10      | 10   | 15      | 10      | 125      |
| 2) Washing food and utensils  | 15      | 5      | 10      | 10       | 5       | 5       | 10      | 10   | 5       | 10      | 85       |
| 3) Personal Washing           | 40      | 40     | 30      | 40       | 20      | 0       | 40      | 30   | 30      | 40      | 310      |
| 4) Washing clothes            | 30      | 30     | 0       | 40       | 0       | 0       | 40      | 0    | 0       | 40      | 180      |
| 5) Garden watering            | 0       | 0      | 0       | 0        | 60      | 20      | 0       | 0    | 20      | 0       | 100      |
| 6) Livestock                  | 0       | 0      | 0       | 0        | 0       | 0       | 0       | 0    | 0       | 0       | 0        |
| 7) Brewing and industry       | 0       | 0      | 0       | 0        | 0       | 0       | 0       | 0    | 0       | 0       | 0        |
| Sub TOTAL (B)                 | 100     | 85     | 55      | 110      | 95      | 35      | 100     | 50   | 70      | 100     | 800      |
| Water collected in morning    | 20      | 0      | 20      | 20       | 20      | 20      | 20      | 0    | 20      | 20      | 160      |
| Water stored in morning (C)   | 10      | 10     | 15      | 10       | 10      | 10      | 10      | 10   | 10      | 10      | 105      |
| CHECK: (A + B) - C = TOTAL    | 100     | 85     | 50      | 120      | 95      | 35      | 100     | 50   | 70      | 100     | 805      |
| [ AFTERNOON ]                 |         |        |         |          |         |         |         |      |         |         |          |
| 1) Cooking and Tea            | 15      | 10     | 15      | 20       | 10      | 10      | 10      | 10   | 15      | 10      | 125      |
| 2) Washing food and utensils  | 15      | 5      | 10      | 10       | 10      | 5       | 10      | 10   | 10      | 10      | 95       |
| 3) Personal Washing           | 30      | 30     | 40      | 40       | 40      | 20      | 40      | 40   | 40      | 80      | 400      |
| 4) Washing clothes            | 0       | 0      | 0       | 0        | 0       | 0       | 0       | 0    | 0       | 0       | 0        |
| 5) Garden watering            | 0       | 0      | 0       | 20       | 60      | 20      | 0       | 0    | 20      | 0       | 120      |
| 6) Livestock                  | 0       | 0      | 0       | 0        | 0       | 0       | 0       | 0    | 0       | 0       | 0        |
| 7) Brewing and industry       | 0       | 0      | 0       | 0        | 0       | 0       | 0       | 0    | 0       | 0       | 0        |
| Sub Total (D)                 | 60      | 45     | 65      | 90       | 120     | 55      | 60      | 60   | 85      | 100     | 740      |
| Water collected during day    | 40      | 0      | 40      | 60       | 60      | 40      | 40      | 0    | 40      | 40      | 360      |
| Water stored in evening (E)   | 10      | 10     | 10      | 10       | 10      | 10      | 10      | 10   | 10      | 10      | 100      |
| CHECK: (C + D) - E = TOTAL    | 60      | 45     | 70      | 90       | 120     | 55      | 60      | 60   | 85      | 100     | 745      |
| Clothes washed at source ?    | PUMP[2] | POND   | PUMP[2] | PUMP[2]  | PUMP[2] | PUMP[2] | PUMP[2] | WELL | PUMP[2] | PUMP[2] |          |
| Personal washing at source ?  | PUMP[2] | POND   | PUMP[2] | PUMP[2]  | PUMP[2] | PUMP[2] | PUMP[2] | WELL | PUMP[2] | PUMP[2] |          |





Result of Water Use Survey Selection 10 Families in Village ( Sheet 2 )  
 Survey date 27. June. 1995.  
 Interview for each 10 Users

| Village Name                  | 1     | 2     | 3     | 4     | 5         | 6      | 7       | 8     | 9     | 10     | subtotal |
|-------------------------------|-------|-------|-------|-------|-----------|--------|---------|-------|-------|--------|----------|
| Name of Selected house head   | PHU   | WEE   | BOWN  | DEN   | KAMBE MAN | SINTOW | SAMILON | POUN  | YONG  | MONGTE |          |
| Water stored last night (A)   | 10    | 10    | 10    | 20    | 10        | 10     | 10      | 10    | 10    | 10     | 110      |
| Drinking unboiled (yes or no) | YES   | YES   | YES   | YES   | YES       | NO     | YES     | YES   | YES   | YES    |          |
| [ MORNING ]                   |       |       |       |       |           |        |         |       |       |        |          |
| 1) Cooking and Tea            | 15    | 15    | 10    | 10    | 15        | 15     | 15      | 10    | 15    | 15     | 135      |
| 2) Washing food and utensils  | 5     | 5     | 10    | 5     | 5         | 5      | 5       | 10    | 5     | 5      | 60       |
| 3) Personal Washing           | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 4) Washing clothes            | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 5) Garden watering            | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 6) Livestock                  | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 7) Brewing and industry       | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| Sub TOTAL (B)                 | 20    | 20    | 20    | 15    | 20        | 20     | 20      | 20    | 20    | 20     | 195      |
| Water collected in morning    | 30    | 30    | 30    | 50    | 30        | 30     | 30      | 20    | 20    | 20     | 290      |
| Water stored in morning (C)   | 30    | 15    | 20    | 20    | 20        | 15     | 15      | 20    | 20    | 20     | 195      |
| CHECK: (A + B) - C = TOTAL    | 0     | 15    | 10    | 15    | 10        | 15     | 15      | 10    | 10    | 10     | 110      |
| [ AFTERNOON ]                 |       |       |       |       |           |        |         |       |       |        |          |
| 1) Cooking and Tea            | 15    | 15    | 10    | 15    | 15        | 15     | 10      | 10    | 10    | 10     | 125      |
| 2) Washing food and utensils  | 10    | 10    | 10    | 5     | 5         | 10     | 10      | 10    | 10    | 10     | 90       |
| 3) Personal Washing           | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 4) Washing clothes            | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 5) Garden watering            | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 6) Livestock                  | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| 7) Brewing and industry       | 0     | 0     | 0     | 0     | 0         | 0      | 0       | 0     | 0     | 0      | 0        |
| Sub Total (D)                 | 25    | 25    | 20    | 20    | 20        | 25     | 20      | 20    | 20    | 20     | 215      |
| Water collected during day    | 90    | 60    | 50    | 80    | 60        | 60     | 60      | 50    | 50    | 40     | 600      |
| Water stored in evening (E)   | 20    | 20    | 10    | 30    | 20        | 20     | 20      | 20    | 20    | 20     | 200      |
| CHECK: (C + D) - E = TOTAL    | 35    | 20    | 30    | 10    | 20        | 20     | 15      | 20    | 20    | 20     | 210      |
| Clothes washed at source ?    | RIVER | RIVER | RIVER | RIVER | RIVER     | RIVER  | RIVER   | RIVER | RIVER | RIVER  | RIVER    |
| Personal washing at source ?  | RIVER | RIVER | RIVER | RIVER | RIVER     | RIVER  | RIVER   | RIVER | RIVER | RIVER  | RIVER    |



Result of Water Use Survey Selection 10 Families in Village ( Sheet 2 )  
 Survey date 27. June. 1995.  
 Interview for each 10 Users

| Village Name                  | 1        | 2     | 3     | 4     | 5     | 6     | 7     | 8     | 9       | 10      | subtotal |
|-------------------------------|----------|-------|-------|-------|-------|-------|-------|-------|---------|---------|----------|
| Name of Selected House head   | SIE MUAN | LEY   | PIN   | LAO   | LITE  | EAO   | KANUA | LAY   | TONGPAT | BUASONG |          |
| Water stored last night (A)   | 10       | 10    | 10    | 10    | 10    | 10    | 10    | 10    | 10      | 10      | 100      |
| Drinking unboiled (yes or no) | NO       | NO    | NO    | NO    | NO    | NO    | NO    | NO    | NO      | NO      |          |
| [ MORNING ]                   |          |       |       |       |       |       |       |       |         |         |          |
| 1) Cooking and Tea            | 10       | 10    | 10    | 10    | 10    | 10    | 15    | 15    | 15      | 10      | 115      |
| 2) Washing food and utensils  | 5        | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5       | 5       | 50       |
| 3) Personal Washing           | 0        | 0     | 0     | 0     | 20    | 30    | 0     | 0     | 30      | 0       | 80       |
| 4) Washing clothes            | 40       | 20    | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 60       |
| 5) Garden watering            | 0        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 0        |
| 6) Livestock                  | 0        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 0        |
| 7) Brewing and industry       | 0        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 0        |
| Sub TOTAL (B)                 | 55       | 35    | 15    | 15    | 35    | 45    | 20    | 20    | 50      | 15      | 305      |
| Water collected in morning    | 0        | 0     | 0     | 0     | 0     | 0     | 20    | 20    | 0       | 30      | 70       |
| Water stored in morning (C)   | 5        | 10    | 0     | 10    | 10    | 10    | 10    | 10    | 10      | 10      | 85       |
| CHECK: (A + B) - C = TOTAL    | 60       | 35    | 25    | 15    | 35    | 45    | 20    | 20    | 50      | 15      | 320      |
| [ AFTERNOON ]                 |          |       |       |       |       |       |       |       |         |         |          |
| 1) Cooking and Tea            | 15       | 15    | 15    | 15    | 10    | 15    | 10    | 15    | 15      | 15      | 140      |
| 2) Washing food and utensils  | 5        | 5     | 5     | 5     | 5     | 5     | 5     | 5     | 5       | 5       | 50       |
| 3) Personal Washing           | 0        | 0     | 0     | 0     | 20    | 0     | 0     | 20    | 0       | 20      | 60       |
| 4) Washing clothes            | 0        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 0        |
| 5) Garden watering            | 0        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 0        |
| 6) Livestock                  | 0        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 0        |
| 7) Brewing and industry       | 0        | 0     | 0     | 0     | 0     | 0     | 0     | 0     | 0       | 0       | 0        |
| Sub Total (D)                 | 20       | 20    | 20    | 20    | 35    | 20    | 15    | 40    | 20      | 40      | 250      |
| Water collected during day    | 0        | 0     | 0     | 0     | 0     | 0     | 50    | 50    | 30      | 60      | 190      |
| Water stored in evening (E)   | 15       | 15    | 10    | 10    | 15    | 15    | 10    | 15    | 10      | 10      | 125      |
| CHECK: (C + D) - E = TOTAL    | 10       | 15    | 10    | 20    | 30    | 15    | 15    | 35    | 20      | 40      | 210      |
| Clothes washed at source ?    | RIVER    | RIVER | RIVER | RIVER | RIVER | RIVER | RIVER | RIVER | RIVER   | RIVER   | RIVER    |
| Personal washing at source ?  | RIVER    | RIVER | RIVER | RIVER | RIVER | RIVER | RIVER | RIVER | RIVER   | RIVER   | RIVER    |



Result of Water Use Survey Selection 10 Families in Village ( Sheet 2 )  
 Survey date 27. June. 1995.  
 Interview for each 10 Users

| Village Name                  | 1     | 2     | 3         | 4     | 5       | 6        | 7        | 8         | 9        | 10    | subtotal |
|-------------------------------|-------|-------|-----------|-------|---------|----------|----------|-----------|----------|-------|----------|
| Name of Selected House head   | SOY   | THING | BOUATHONG | HIN   | TAO CHO | NANGNYON | TAO HSUT | Mrs. PENG | TAO CHUM | TABY  |          |
| Water stored last night (A)   | 10    | 10    | 5         | 10    | 10      | 5        | 10       | 10        | 10       | 10    | 90       |
| Drinking unboiled (yes or no) | NO    | NO    | YES       | NO    | NO      | NO       | NO       | NO        | NO       | NO    |          |
| [ MORNING ]                   |       |       |           |       |         |          |          |           |          |       |          |
| 1) Cooking and Tea            | 15    | 15    | 10        | 15    | 15      | 15       | 10       | 10        | 15       | 10    | 130      |
| 2) Washing food and utensils  | 5     | 5     | 5         | 5     | 5       | 5        | 5        | 5         | 5        | 5     | 50       |
| 3) Personal Washing           | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 4) Washing clothes            | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 5) Garden watering            | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 6) Livestock                  | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 7) Brewing and industry       | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| Sub Total (B)                 | 20    | 20    | 15        | 20    | 20      | 20       | 15       | 15        | 20       | 15    | 180      |
| Water collected in morning    | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| Water stored in morning (C)   | 10    | 10    | 5         | 10    | 10      | 5        | 10       | 10        | 10       | 10    | 90       |
| CHECK: (A + B) - C = TOTAL    | 20    | 20    | 15        | 20    | 20      | 20       | 15       | 15        | 20       | 15    | 180      |
| [ AFTERNOON ]                 |       |       |           |       |         |          |          |           |          |       |          |
| 1) Cooking and Tea            | 15    | 15    | 10        | 15    | 15      | 15       | 10       | 10        | 15       | 10    | 130      |
| 2) Washing food and utensils  | 5     | 5     | 5         | 5     | 5       | 5        | 5        | 5         | 5        | 5     | 50       |
| 3) Personal Washing           | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 4) Washing clothes            | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 5) Garden watering            | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 6) Livestock                  | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| 7) Brewing and industry       | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| Sub Total (D)                 | 20    | 20    | 15        | 20    | 20      | 20       | 15       | 15        | 20       | 15    | 180      |
| Water collected during day    | 0     | 0     | 0         | 0     | 0       | 0        | 0        | 0         | 0        | 0     | 0        |
| Water stored in evening (E)   | 15    | 15    | 10        | 10    | 15      | 15       | 15       | 10        | 10       | 10    | 125      |
| CHECK: (C + D) - E = TOTAL    | 15    | 15    | 10        | 20    | 15      | 10       | 10       | 15        | 20       | 15    | 145      |
| Clothes washed at source ?    | RIVER | RIVER | RIVER     | RIVER | RIVER   | RIVER    | RIVER    | RIVER     | RIVER    | RIVER | RIVER    |
| Personal washing at source ?  | RIVER | RIVER | RIVER     | RIVER | RIVER   | RIVER    | RIVER    | RIVER     | RIVER    | RIVER | RIVER    |

Result of Water Use Survey Selection 10 Families in Village ( Sheet 2 )  
 Interview for each 10 Users  
 Survey date 27. June. 1995.

| Village Name                  | Name of Selected House head |       |      |         |      |       |      |      |      |      | subtotal |
|-------------------------------|-----------------------------|-------|------|---------|------|-------|------|------|------|------|----------|
|                               | 1                           | 2     | 3    | 4       | 5    | 6     | 7    | 8    | 9    | 10   |          |
| NONGKHAMKHAO                  | BAUNTAVY                    | SAMAN | PEAN | KEAMSEN | DAO  | VANHY | BOUA | POUN | KHAN | VONG |          |
|                               | 10                          | 10    | 10   | 10      | 20   | 10    | 15   | 10   | 10   | 10   | 115      |
| Water stored last night (A)   | YES                         | YES   | YES  | YES     | YES  | NO    | YES  | YES  | YES  | YES  |          |
| Drinking unboiled (yes or no) |                             |       |      |         |      |       |      |      |      |      |          |
|                               | [ MORNING ]                 |       |      |         |      |       |      |      |      |      |          |
| 1) Cooking and Tea            | 15                          | 10    | 10   | 10      | 15   | 10    | 10   | 10   | 10   | 10   | 110      |
| 2) Washing food and utensils  | 5                           | 5     | 10   | 5       | 15   | 5     | 10   | 10   | 5    | 5    | 75       |
| 3) Personal Washing           | 30                          | 40    | 30   | 40      | 40   | 30    | 40   | 30   | 40   | 40   | 360      |
| 4) Washing clothes            | 30                          | 0     | 0    | 0       | 0    | 20    | 0    | 0    | 0    | 0    | 50       |
| 5) Garden watering            | 0                           | 0     | 0    | 0       | 0    | 0     | 0    | 0    | 0    | 0    | 0        |
| 6) Livestock                  | 0                           | 0     | 0    | 0       | 0    | 0     | 0    | 0    | 0    | 0    | 0        |
| 7) Brewing and industry       | 0                           | 0     | 0    | 0       | 0    | 0     | 0    | 0    | 0    | 0    | 0        |
| Sub TOTAL (B)                 | 80                          | 55    | 50   | 55      | 70   | 65    | 60   | 50   | 55   | 55   | 595      |
| Water collected in morning    | 40                          | 40    | 0    | 20      | 0    | 20    | 20   | 20   | 20   | 20   | 200      |
| Water stored in morning (C)   | 0                           | 0     | 0    | 10      | 10   | 10    | 0    | 10   | 10   | 10   | 60       |
| CHECK: (A + B) - C = TOTAL    | 90                          | 65    | 60   | 55      | 80   | 65    | 75   | 50   | 55   | 55   | 650      |
|                               | [ AFTERNOON ]               |       |      |         |      |       |      |      |      |      |          |
| 1) Cooking and Tea            | 15                          | 10    | 15   | 20      | 10   | 15    | 10   | 10   | 15   | 10   | 130      |
| 2) Washing food and utensils  | 15                          | 5     | 10   | 15      | 5    | 5     | 10   | 10   | 10   | 10   | 95       |
| 3) Personal Washing           | 50                          | 80    | 30   | 80      | 80   | 50    | 70   | 70   | 50   | 60   | 620      |
| 4) Washing clothes            | 0                           | 0     | 0    | 0       | 0    | 0     | 0    | 0    | 0    | 0    | 0        |
| 5) Garden watering            | 0                           | 0     | 0    | 0       | 0    | 0     | 0    | 0    | 0    | 0    | 0        |
| 6) Livestock                  | 0                           | 0     | 0    | 0       | 0    | 0     | 0    | 0    | 0    | 0    | 0        |
| 7) Brewing and industry       | 0                           | 0     | 0    | 0       | 0    | 0     | 0    | 0    | 0    | 0    | 0        |
| Sub Total (D)                 | 80                          | 95    | 55   | 115     | 95   | 70    | 90   | 90   | 75   | 80   | 845      |
| Water collected during day    | 60                          | 60    | 0    | 40      | 0    | 40    | 40   | 60   | 40   | 40   | 380      |
| Water stored in evening (E)   | 20                          | 15    | 10   | 15      | 15   | 50    | 15   | 20   | 10   | 20   | 190      |
| CHECK: (C + D) - E = TOTAL    | 60                          | 80    | 45   | 110     | 90   | 30    | 75   | 80   | 75   | 70   | 715      |
| Clothes washed at source ?    | PUND                        | PUND  | POND | PUND    | PUND | TANK  | PUND | PUND | PUND | POND |          |
| Personal washing at source ?  | WELL                        | WELL  | POND | WELL    | WELL | TANK  | WELL | WELL | WELL | WELL |          |

2.6 Water Collection Survey in 10 Villages (During Rainy Season)

Sheet1

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name LAK 24  
 Name of Source observed Mr. TONG SAY  
 Kind of Water Source ( HAND PUMP, )

Times between which observed  
 Survey Date 27. June. 1995.

Pumping Volume and Time

| Name of House      | SY    | KAMPEAN | LIAN  | SAVAT | SIAM  | KHON | PHAT | SICHANT | TONDAM | MARALITONG | Remarks      |
|--------------------|-------|---------|-------|-------|-------|------|------|---------|--------|------------|--------------|
| 1) Collect time    | 6.10  | 5.00    | 6.20  | 5.20  | 6.20  | 6.30 | 0.00 | 6.20    | 7.00   | 5.20       | * Pumping    |
| Collector          | GIRL  | WOMAN   | GIRL  | WOMAN | GIRL  | GIRL |      | GIRL    | GIRL   | WOMAN      | Volume       |
| Amount (Liter)     | 20    | 20      | 20    | 20    | 20    | 20   |      | 20      | 20     | 20         | (Liter/time) |
| 2) Collect time    | 11.20 | 0.00    | 10.00 | 0.00  | 12.00 | 0.00 | 0.00 | 0.00    | 2.00   | 0.00       | ** PM        |
| Collector          | GIRL  |         | GIRL  |       | WOMAN |      |      |         | GIRL   |            | After        |
| Amount (Liter)     | 20    |         | 20    |       | 20    |      |      |         | 80     |            | Midday       |
| 3) Collect time    | 5.50  | 4.00    | 5.30  | 0.00  | 5.30  | 5.20 | 0.00 | 5.30    | 5.40   | 6.00       |              |
| Collector          | WOMAN | GIRL    | GIRL  | GIRL  | GIRL  | GIRL |      | GIRL    | GIRL   | WOMAN      |              |
| Amount (Liter)     | 20    | 20      | 20    | 20    | 20    | 20   |      | 60      | 60     | 20         |              |
| 4) Collect time    | 0.00  | 0.00    | 0.00  | 0.00  | 0.00  | 0.00 | 0.00 | 0.00    | 0.00   | 0.00       |              |
| Collector          |       |         |       |       |       |      |      |         |        |            |              |
| Amount (Liter)     |       |         |       |       |       |      |      |         |        |            |              |
| 5) Collect time    |       |         |       |       |       |      |      |         |        |            |              |
| Collector          |       |         |       |       |       |      |      |         |        |            |              |
| Amount (Liter)     |       |         |       |       |       |      |      |         |        |            |              |
| 6) Collect time    |       |         |       |       |       |      |      |         |        |            |              |
| Collector          |       |         |       |       |       |      |      |         |        |            |              |
| Amount (Liter)     |       |         |       |       |       |      |      |         |        |            |              |
| AMOUNT (Liter/day) | 60    | 40      | 70    | 40    | 60    | 40   | 0    | 80      | 160    | 40         |              |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name LAK 24  
 Name of Source observed Mr. TONG SAY  
 Kind of Water Source ( HAND PUMP, )

Times between which observed  
 Survey Date 28. June 1995.  
 Pumping Volume and Time

| Name of House      | SY    | KAMPEAN | LIAN | SAVAT | SIAM | XHON | PHAT | SICHANT | TOMDAM | MARAITONG | Remarks |
|--------------------|-------|---------|------|-------|------|------|------|---------|--------|-----------|---------|
| 1) Collect time    | 5.30  | 6.30    | 6.20 | 5.00  | 6.20 | 6.10 |      | 6.00    | 5.45   | 5.30      |         |
| Collector          | GIRL  | WOMEN   | GIRL | WOMEN | GIRL | GIRL |      | MEN     | MEN    | WOMEN     |         |
| Amount (Liter)     | 20    | 20      | 20   | 20    | 20   | 20   |      | 20      | 20     | 20        |         |
| 2) Collect time    |       |         |      |       |      |      |      |         |        |           | 10.30   |
| Collector          |       |         |      |       |      |      |      |         |        |           | MAN     |
| Amount (Liter)     | 0     | 0       | 0    | 0     | 20   | 0    | 0    | 0       | 0      | 20        |         |
| 3) Collect time    | 5.50  | 4.00    | 5.30 | 6.00  | 5.30 | 5.20 |      | 5.30    | 5.40   | 3.30      |         |
| Collector          | WOMEN | GIRL    | GIRL | MEN   | GIRL | GIRL |      | GIRL    | GIRL   | WOMEN     |         |
| Amount (Liter)     | 20    | 20      | 20   | 20    | 20   | 20   |      | 20      | 20     | 20        |         |
| 4) Collect time    | 0.00  | 0.00    | 6.00 | 0.00  | 0.00 | 0.00 |      | 0.00    | 0.00   | 0.00      |         |
| Collector          |       |         |      |       |      |      |      |         |        |           |         |
| Amount (Liter)     |       |         |      |       |      |      |      |         |        |           |         |
| 5) Collect time    |       |         |      |       |      |      |      |         |        |           |         |
| Collector          |       |         |      |       |      |      |      |         |        |           |         |
| Amount (Liter)     |       |         |      |       |      |      |      |         |        |           |         |
| 6) Collect time    |       |         |      |       |      |      |      |         |        |           |         |
| Collector          |       |         |      |       |      |      |      |         |        |           |         |
| Amount (Liter)     |       |         |      |       |      |      |      |         |        |           |         |
| AMOUNT (Liter/day) | 40    | 40      | 40   | 40    | 60   | 40   | 0    | 40      | 40     | 60        |         |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name BENG  
 Name of Source observed VILAY  
 Kind of Water Source ( Electrical PUMP )  
 Times between which observed  
 Survey Date . 27. June. 1995  
 Pumping Volume and Time

| Name of House      | VILAY | SAOSOK | NHOU | TAO TEAN | TAO CHIT | TAO SAVAN | DOM   | KO   | BOULEUT | POUI  | Remark's     |
|--------------------|-------|--------|------|----------|----------|-----------|-------|------|---------|-------|--------------|
| 1) Collect time    | 5.00  | 6.20   | 5.50 | 5.40     | 5.00     | 5.10      | 5.30  | 5.30 | 6.20    | 5.50  | * Pumping    |
| Collector          | WOMAN | GIRL   | GIRL | GIRL     | WOMAN    | WOMAN     | WOMAN | GIRL | GIRL    | WOMAN | Volume       |
| Amount (Liter)     | 20    | 20     | 20   | 20       | 20       | 20        | 20    | 20   | 20      | 20    | (Liter/time) |
| 2) Collect time    | 7.10  | 7.30   | 9.30 | 7.30     | 0.00     | 0.00      | 0.00  | 9.30 | 8.30    | 0.00  | ** PM        |
| Collector          | WOMAN | GIRL   | GIRL | GIRL     |          |           |       | GIRL | GIRL    |       | After        |
| Amount (Liter)     | 20    | 60     | 150  | 150      | PM       | PM        | PM    | 20   | 20      | PM    | Midday       |
| 3) Collect time    | 4.00  | 5.00   | 5.00 | 5.30     | 5.45     | 4.30      | 5.10  | 5.45 | 5.50    | 6.20  |              |
| Collector          | WOMAN | GIRL   | GIRL | GIRL     | GIRL     | GIRL      | GIRL  | GIRL | GIRL    | GIRL  |              |
| Amount (Liter)     | 40    | 80     | 150  | 150      | 30       | 40        | 30    | 60   | 60      | 60    |              |
| 4) Collect time    | 0.00  | 0.00   | 0.00 | 0.00     | 0.00     | 0.00      | 0.00  | 0.00 | 0.00    | 0.00  |              |
| Collector          |       |        |      |          |          |           |       |      |         |       |              |
| Amount (Liter)     |       |        |      |          |          |           |       |      |         |       |              |
| 5) Collect time    |       |        |      |          |          |           |       |      |         |       |              |
| Collector          |       |        |      |          |          |           |       |      |         |       |              |
| Amount (Liter)     |       |        |      |          |          |           |       |      |         |       |              |
| 6) Collect time    |       |        |      |          |          |           |       |      |         |       |              |
| Collector          |       |        |      |          |          |           |       |      |         |       |              |
| Amount (Liter)     |       |        |      |          |          |           |       |      |         |       |              |
| AMOUNT (Liter/day) | 80    | 160    | 320  | 320      | 50       | 60        | 50    | 100  | 100     | 80    |              |

Sheet1

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name BENG  
 Name of Source observed Mr. VILAY  
 Kind of Water Source ( Electrical PUMP )  
 Times between which observed  
 Survey Date 28. June. 1995.  
 Pumping Volume and Time

| Name of House      | VILAY | SAOSOK | NHOU  | TAO JEAN | TAO CHIT | TAO SAVAN | DOM  | KO   | BOULEPT | POUI | Remarks |
|--------------------|-------|--------|-------|----------|----------|-----------|------|------|---------|------|---------|
| AM                 |       |        |       |          |          |           |      |      |         |      |         |
| 1) Collect time    | 5.30  | 6.20   | 6.20  | 5.40     | 5.00     | 6.30      | 6.10 | 6.20 | 6.20    | 6.30 |         |
| Collector          | WOMAN | GIRL   | GIRL  | GIRL     | WOMEN    | GIRL      | GIRL | GIRL | MEN     | GIRL |         |
| Amount (Liter)     | 20    | 30     | 30    | 20       | 20       | 20        | 20   | 20   | 20      | 20   |         |
| 2) Collect time    | 9.00  | 10.00  | 10.00 | 8.00     | 9.00     | 9.00      | 9.10 | 8.10 |         |      |         |
| Collector          | WOMEN | GIRL   | GIRL  | GIRL     | MEN      | MEN       | GIRL | MEN  |         |      |         |
| Amount (Liter)     | 60    | 150    | 150   | 150      | 20       | 20        | 20   | 20   |         |      |         |
| 3) Collect time    | 5.00  | 5.10   | 4.30  | 5.30     | 5.45     | 4.30      | 5.10 | 5.45 | 5.50    | 6.10 |         |
| Collector          | GIRL  | GIRL   | GIRL  | GIRL     | GIRL     | GIRL      | GIRL | GIRL | GIRL    | GIRL |         |
| Amount (Liter)     | 40    | 80     | 150   | 150      | 30       | 40        | 30   | 60   | 60      | 60   |         |
| 4) Collect time    | 0.00  | 0.00   | 0.00  | 0.00     | 0.00     | 0.00      | 0.00 | 0.00 | 0.00    | 0.00 |         |
| Collector          |       |        |       |          |          |           |      |      |         |      |         |
| Amount (Liter)     |       |        |       |          |          |           |      |      |         |      |         |
| 5) Collect time    |       |        |       |          |          |           |      |      |         |      |         |
| Collector          |       |        |       |          |          |           |      |      |         |      |         |
| Amount (Liter)     |       |        |       |          |          |           |      |      |         |      |         |
| 6) Collect time    |       |        |       |          |          |           |      |      |         |      |         |
| Collector          |       |        |       |          |          |           |      |      |         |      |         |
| Amount (Liter)     |       |        |       |          |          |           |      |      |         |      |         |
| AMOUNT (Liter/day) | 60    | 170    | 330   | 320      | 50       | 80        | 70   | 100  | 80      | 80   |         |





Sheet1

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name LOUY

Times between which observed

Name of Source observed Mr. VAO

Survey Date 28. June 1995.

Kind of Water Source ( HAND PUMP, )

Pumping Volume and Time

| Name of House      | KHEO  | KEN  | TONG CHAN | CHIAN | BUNPHEN | VAO  | DAMDAY | BONGNIAN | PORA | MAISAY | Remarks |
|--------------------|-------|------|-----------|-------|---------|------|--------|----------|------|--------|---------|
| 1) Collect time    | 5.00  | 5.30 | 5.45      | 5.00  | 5.00    | 5.30 | 5.10   | 5.00     | 5.30 | 5.00   |         |
| Collector          | WOMEN | MEN  | MEN       | MEN   | WOMEN   | MEN  | WOMEN  | MEN      | MEN  | WOMEN  |         |
| Amount (Liter)     | 20    | 20   | 20        | 20    | 20      | 20   | 20     | 20       | 20   | 20     |         |
| 2) Collect time    |       |      |           |       | 10.00   |      |        |          |      | 11.00  |         |
| Collector          |       |      |           |       | BOY     |      |        |          |      | BOY    |         |
| Amount (Liter)     | 0     | 0    | 0         | 0     | 20      | 0    | 0      | 0        | 0    | 20     |         |
|                    | PM    | PM   | PM        | PM    | PM      | PM   | PM     | PM       | PM   | PM     |         |
| 3) Collect time    | 5.00  | 5.30 | 5.30      | 5.00  | 5.20    | 5.10 | 5.00   | 5.00     | 5.30 | 5.00   |         |
| Collector          | WOMEN | MEN  | WOMEN     | GIRL  | WOMEN   | GIRL | GIRL   | GIRL     | GIRL | GIRL   |         |
| Amount (Liter)     | 20    | 30   | 30        | 30    | 30      | 20   | 20     | 30       | 20   | 20     |         |
| 4) Collect time    |       |      |           |       |         |      |        |          |      |        |         |
| Collector          |       |      |           |       |         |      |        |          |      |        |         |
| Amount (Liter)     |       |      |           |       |         |      |        |          |      |        |         |
| 5) Collect time    |       |      |           |       |         |      |        |          |      |        |         |
| Collector          |       |      |           |       |         |      |        |          |      |        |         |
| Amount (Liter)     |       |      |           |       |         |      |        |          |      |        |         |
| 6) Collect time    |       |      |           |       |         |      |        |          |      |        |         |
| Collector          |       |      |           |       |         |      |        |          |      |        |         |
| Amount (Liter)     | 40    | 50   | 50        | 50    | 70      | 40   | 40     | 50       | 40   | 60     |         |
| AMOUNT (Liter/day) |       |      |           |       |         |      |        |          |      |        |         |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name DONMUANG  
 Name of Source observed Mr. BOWN  
 Kind of Water Source ( HAND PUMP. )

Times between which observed  
 Survey Date 27. June. 1995.

Pumping Volume and Time

| Name of House      | PHU  | WEE  | BOWN | DEN   | KAMBE MAN | SINTOW | SAMLON | POUN | YONG  | MONGTE | Remark's     |
|--------------------|------|------|------|-------|-----------|--------|--------|------|-------|--------|--------------|
| 1) Collect time    | 6.30 | 5.30 | 5.40 | 6.00  | 7.20      | 6.30   | 6.30   | 5.30 | 5.00  | 6.00   | * Pumping    |
| Collector          | GIRL | GIRL | GIRL | WOMAN | GIRL      | GIRL   | MAN    | GIRL | WOMEN | GIRL   | Volume       |
| Amount (Liter)     | 30   | 30   | 30   | 20    | 30        | 30     | 30     | 20   | 20    | 20     | (Liter/time) |
|                    | PM   | PM   | PM   |       | PM        | PM     | PM     | PM   | PM    | PM     |              |
| 2) Collect time    | 4.10 | 4.00 | 3.30 | 7.10  | 5.00      | 5.15   | 5.10   | 5.00 | 6.00  | 5.20   | ** PM        |
| Collector          | GIRL | GIRL | GIRL | GIRL  | GIRL      | GIRL   | GIRL   | GIRL | WAMEN | GIRL   | After        |
| Amount (Liter)     | 30   | 30   | 20   | 30    | 30        | 30     | 30     | 30   | 30    | 20     | Midday       |
|                    | PM   |      |      | PM    |           |        |        |      |       |        |              |
| 3) Collect time    | 5.30 |      |      | 5.00  |           |        |        |      |       |        |              |
| Collector          | GIRL |      |      | GIRL  |           |        |        |      |       |        |              |
| Amount (Liter)     | 30   |      |      | 30    |           |        |        |      |       |        |              |
| 4) Collect time    |      |      |      |       |           |        |        |      |       |        |              |
| Collector          |      |      |      |       |           |        |        |      |       |        |              |
| Amount (Liter)     |      |      |      |       |           |        |        |      |       |        |              |
| 5) Collect time    |      |      |      |       |           |        |        |      |       |        |              |
| Collector          |      |      |      |       |           |        |        |      |       |        |              |
| Amount (Liter)     |      |      |      |       |           |        |        |      |       |        |              |
| 6) Collect time    |      |      |      |       |           |        |        |      |       |        |              |
| Collector          |      |      |      |       |           |        |        |      |       |        |              |
| Amount (Liter)     |      |      |      |       |           |        |        |      |       |        |              |
| AMOUNT (Liter/day) | 90   | 60   | 50   | 80    | 60        | 60     | 60     | 50   | 50    | 40     |              |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name DONMUANG  
 Name of Source observed Mr. BOWN  
 Kind of Water Source ( HAND PUMP, )

Times between which observed  
 Survey Date 28. June 1995.

Pumping Volume and Time

| Name of House      | PHU   | WEE   | BOWN  | DEN   | KAMBE, MAN | SINTOW | SAMLON | POUN | YONG | MONGTE | Remarks |
|--------------------|-------|-------|-------|-------|------------|--------|--------|------|------|--------|---------|
| 1) Collect time    | 6.00  | 5.30  | 5.00  | 6.00  | 7.00       | 6.30   | 6.30   | 7.00 | 6.00 | 6.30   |         |
| Collector          | GIRL  | WOMEN | MEN   | MEN   | WOMEN      | GIRL   | WOMEN  | GIRL | MEN  | BOY    |         |
| Amount (Liter)     | 20    | 20    | 20    | 20    | 20         | 20     | 20     | 20   | 20   | 20     |         |
| 2) Collect time    | 11.00 | 11.30 | 12.00 |       |            |        |        |      |      |        |         |
| Collector          | GIRL  | WOMEN | WOMEN |       |            |        |        |      |      |        |         |
| Amount (Liter)     | 20    | 20    | 30    | 0     | 0          | 0      | 0      | 0    | 0    | 0      |         |
|                    |       | PM    | PM    | PM    | PM         | PM     | PM     | PM   | PM   | PM     |         |
| 3) Collect time    |       | 4.00  | 5.30  | 5.00  | 4.30       | 5.00   | 5.30   | 5.10 | 5.50 | 5.30   |         |
| Collector          |       | WOMEN | GIRL  | WOMEN | BOY        | WOMEN  | GIRL   | BOY  | GIRL | MEN    |         |
| Amount (Liter)     |       | 20    | 30    | 20    | 20         | 20     | 20     | 20   | 20   | 20     |         |
| 4) Collect time    |       | .5.00 |       |       |            |        |        |      |      |        |         |
| Collector          |       | WOMEN |       |       |            |        |        |      |      |        |         |
| Amount (Liter)     |       | 20    |       |       |            |        |        |      |      |        |         |
| 5) Collect time    |       |       |       |       |            |        |        |      |      |        |         |
| Collector          |       |       |       |       |            |        |        |      |      |        |         |
| Amount (Liter)     |       |       |       |       |            |        |        |      |      |        |         |
| b) Collect time    |       |       |       |       |            |        |        |      |      |        |         |
| Collector          |       |       |       |       |            |        |        |      |      |        |         |
| Amount (Liter)     |       |       |       |       |            |        |        |      |      |        |         |
| AMOUNT (Liter/day) | 40    | 80    | 80    | 40    | 40         | 40     | 40     | 40   | 40   | 40     |         |

Sheet1

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name NONGPHAY

Name of Source observed Mr. CHA

Kind of Water Source ( HAND PUMP [2], )

Times between which observed  
Survey Date 27. June. 1995.

Pumping Volume and Time

| Name of House      | MAYI | TONGSY | TABILAY | CHA   | CHIAM | VISAI | TATA | POPAN | DOM  | TUPON | Remark's            |
|--------------------|------|--------|---------|-------|-------|-------|------|-------|------|-------|---------------------|
| 1) Collect time    | 6.00 | 5.30   | 5.10    | 5.40  | 6.20  | 5.50  | 6.10 | 5.20  | 0.00 | 0.00  |                     |
| Collector          | GIRL | GIRL   | GIRL    | GIRL  | WOMEN | GIRL  | GIRL | WOMEN |      |       | * Pumping<br>Volume |
| Amount (Liter)     | 30   | 30     | 20      | 30    | 30    | 30    | 30   | 20    |      |       | (Liter/time)        |
|                    |      |        |         |       | PM    | PM    | PM   |       |      |       |                     |
| 2) Collect time    |      | 8.00   |         | 11.00 | 2.00  | 3.00  | 1.00 | 11.20 | 0.00 | 0.00  | ** PM               |
| Collector          |      | GIRL   |         | GIRL  | GIRL  | GIRL  | GIRL | GIRL  |      |       | After               |
| Amount (Liter)     |      | 30     |         | 30    | 30    | 30    | 30   | 20    |      |       | Midday              |
|                    |      | PM     |         | PM    | PM    | PM    | PM   |       |      |       |                     |
| 3) Collect time    |      | 5.45   | 5.10    | 4.30  | 5.25  | 6.00  | 5.00 | 5.20  | 0.00 | 0.00  |                     |
| Collector          |      | GIRL   | GIRL    | GIRL  | GIRL  | GIRL  | GIRL | GIRL  |      |       |                     |
| Amount (Liter)     |      | 30     | 20      | 30    | 30    | 30    | 30   | 20    |      |       |                     |
|                    |      |        |         |       |       |       |      |       |      |       |                     |
| 4) Collect time    | 0.00 | 0.00   | 0.00    | 0.00  | 0.00  | 0.00  | 0.00 | 0.00  | 0.00 | 0.00  |                     |
| Collector          |      |        |         |       |       |       |      |       |      |       |                     |
| Amount (Liter)     |      |        |         |       |       |       |      |       |      |       |                     |
| 5) Collect time    |      |        |         |       |       |       |      |       |      |       |                     |
| Collector          |      |        |         |       |       |       |      |       |      |       |                     |
| Amount (Liter)     |      |        |         |       |       |       |      |       |      |       |                     |
| 6) Collect time    |      |        |         |       |       |       |      |       |      |       |                     |
| Collector          |      |        |         |       |       |       |      |       |      |       |                     |
| Amount (Liter)     |      |        |         |       |       |       |      |       |      |       |                     |
| AMOUNT (Liter/day) | 60   | 90     | 40      | 90    | 90    | 90    | 90   | 60    | 0    | 0     |                     |

Sheet1

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name NONGPHAY  
 Name of Source observed Mr. TUPON  
 Kind of Water Source ( HAND PUMP [1], )  
 Times between which observed  
 Survey Date 27. June. 1995.  
 Pumping Volume and Time

| Name of House      | MAYI | TONGSY | TABILAY | CHA  | CHIAM | VISAI | TATA | POPAN | DOM   | TUPON | Remark's     |
|--------------------|------|--------|---------|------|-------|-------|------|-------|-------|-------|--------------|
| 1) Collect time    | 0.00 | 0.00   | 0.00    | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 7.40  | 7.00  | * Pumping    |
| Collector          |      |        |         |      |       |       |      |       | WOMEN | WOMEN | Volume       |
| Amount (Liter)     |      |        |         |      |       |       |      |       | 20    | 30    | (Liter/time) |
| 2) Collect time    | 0.00 | 0.00   | 0.00    | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 8.00  | 10.00 | ** PM        |
| Collector          |      |        |         |      |       |       |      |       | WOMEN | WOMEN | After        |
| Amount (Liter)     |      |        |         |      |       |       |      |       | 20    | 20    | Midday       |
| 3) Collect time    | 0.00 | 0.00   | 0.00    | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 5.20  | 11.00 |              |
| Collector          |      |        |         |      |       |       |      |       | WOMEN | WOMEN |              |
| Amount (Liter)     |      |        |         |      |       |       |      |       | 20    | 20    |              |
| 4) Collect time    | 0.00 | 0.00   | 0.00    | 0.00 | 0.00  | 0.00  | 0.00 | 0.00  | 5.45  | 5.00  |              |
| Collector          |      |        |         |      |       |       |      |       | WOMEN | WOMEN |              |
| Amount (Liter)     |      |        |         |      |       |       |      |       | 20    | 20    |              |
| 5) Collect time    |      |        |         |      |       |       |      |       |       |       |              |
| Collector          |      |        |         |      |       |       |      |       |       |       |              |
| Amount (Liter)     |      |        |         |      |       |       |      |       |       |       |              |
| 6) Collect time    |      |        |         |      |       |       |      |       |       |       |              |
| Collector          |      |        |         |      |       |       |      |       |       |       |              |
| Amount (Liter)     |      |        |         |      |       |       |      |       |       |       |              |
| AMOUNT (Liter/day) | 0    | 0      | 0       | 0    | 0     | 0     | 0    | 0     | 80    | 90    |              |



Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name NONGPHAY  
 Name of Source observed Mr. CHA  
 Kind of Water Source ( HAND PUMP [2], )  
 Times between which observed  
 Pumping Volume and Time

| Name of House      | MAYI  | TONGSY | TABILAY | CHA   | CHIAM | VISAI | TAIA  | POPAN | DOM  | TUPON | Remarks |
|--------------------|-------|--------|---------|-------|-------|-------|-------|-------|------|-------|---------|
| 1) Collect time    | 6.00  | 6.00   | 5.00    | 5.30  | 6.00  | 5.50  | 6.00  | 5.30  |      |       |         |
| Collector          | WOMEN | WOMEN  | MEN     | MEN   | WOMEN | WOMEN | MEN   | WOMEN |      |       |         |
| Amount (Liter)     | 30    | 30     | 20      | 30    | 30    | 30    | 30    | 20    | 0    | 0     |         |
| 2) Collect time    |       |        | 9.00    |       | 10.00 | 11.00 | 9.30  | 10.30 |      |       |         |
| Collector          |       |        | GIRL    |       | GIRL  | GIRL  | WOMEN | GIRL  |      |       |         |
| Amount (Liter)     |       |        | 30      |       | 30    | 30    | 30    | 20    | 0    | 0     |         |
| 3) Collect time    | 6.40  | 5.45   | 5.00    | 4.30  | 5.10  | 6.30  | 5.20  | 5.30  |      |       |         |
| Collector          | GIRL  | GIRL   | GIRL    | WOMEN | GIRL  | WOMEN | WOMEN | GIRL  |      |       |         |
| Amount (Liter)     | 30    | 30     | 20      | 30    | 30    | 30    | 30    | 20    | 0    | 0     |         |
| 4) Collect time    | 0.00  | 0.00   | 0.00    | 0.00  | 0.00  | 0.00  | 0.00  | 0.00  | 0.00 | 0.00  |         |
| Collector          |       |        |         |       |       |       |       |       |      |       |         |
| Amount (Liter)     |       |        |         |       |       |       |       |       |      |       |         |
| 5) Collect time    |       |        |         |       |       |       |       |       |      |       |         |
| Collector          |       |        |         |       |       |       |       |       |      |       |         |
| Amount (Liter)     |       |        |         |       |       |       |       |       |      |       |         |
| 6) Collect time    |       |        |         |       |       |       |       |       |      |       |         |
| Collector          |       |        |         |       |       |       |       |       |      |       |         |
| Amount (Liter)     | 60    | 60     | 70      | 60    | 90    | 90    | 90    | 60    | 0    | 0     |         |
| AMOUNT (Liter/day) | 60    | 60     | 70      | 60    | 90    | 90    | 90    | 60    | 0    | 0     |         |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name THAT-NOY  
 Name of Source observed Mr. TONROY  
 Kind of Water Source ( RIVER )

Times between which observed  
 Survey Date 27. June. 1995.

Pumping Volume and Time

| Name of House      | SOY  | TENG | BOUATHONG | HIN  | TAO CHO | NANGNYON | TAO HSUT | Mrs. PENG | TAO CHUM | TABY | Remark's      |
|--------------------|------|------|-----------|------|---------|----------|----------|-----------|----------|------|---------------|
| 1) Collect time    | 0.00 | 0.00 | 0.00      | 0.00 | 0.00    | 0.00     | 0.00     | 0.00      | 5.30     | 6.20 | Water use for |
| Collector          |      |      |           |      |         |          |          |           | WOMEN    | GIRL | Rainwater     |
| Amount (Liter)     |      |      |           |      |         |          |          |           | 20       | 20   |               |
| 2) Collect time    | 0.00 | 0.00 | 0.00      | 0.00 | 0.00    | 0.00     | 0.00     | 0.00      | 0.00     | 0.00 |               |
| Collector          |      |      |           |      |         |          |          |           |          |      |               |
| Amount (Liter)     |      |      |           |      |         |          |          |           | PM       | PM   |               |
| 3) Collect time    | 0.00 | 0.00 | 0.00      | 0.00 | 0.00    | 0.00     | 0.00     | 0.00      | 6.00     | 6.00 |               |
| Collector          |      |      |           |      |         |          |          |           | WOMEN    | GIRL |               |
| Amount (Liter)     |      |      |           |      |         |          |          |           | 30       | 20   |               |
| 4) Collect time    |      |      |           |      |         |          |          |           |          |      | * Pumping     |
| Collector          |      |      |           |      |         |          |          |           |          |      | Volume        |
| Amount (Liter)     |      |      |           |      |         |          |          |           |          |      | (Liter/time)  |
| 5) Collect time    |      |      |           |      |         |          |          |           |          |      | ** PM         |
| Collector          |      |      |           |      |         |          |          |           |          |      | After         |
| Amount (Liter)     |      |      |           |      |         |          |          |           |          |      | Midday        |
| 6) Collect time    |      |      |           |      |         |          |          |           |          |      |               |
| Collector          |      |      |           |      |         |          |          |           |          |      |               |
| Amount (Liter)     |      |      |           |      |         |          |          |           |          |      |               |
| AMOUNT (Liter/day) | 0    | 0    | 0         | 0    | 0       | 0        | 0        | 0         | 50       | 20   |               |





Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name      SENVANG- NOY  
 Name of Source observed    TONBOU  
 Kind of Water Source ( RIVER )

Times between which observed  
 Survey Date    27 June, 1995.

Pumping Volume and Time

| Name of House      | SIE MUAN | LEY  | PIN   | LAO  | LITE | EAO  | KANUA | LAY   | TONG PAT | BUASONG | Remark's     |
|--------------------|----------|------|-------|------|------|------|-------|-------|----------|---------|--------------|
| 1) Collect time    | 0.00     | 0.00 | 6.00  | 0.00 | 0.00 | 0.00 | 7.10  | 6.20  | 0.00     | 6.30    | * Pumping    |
| Collector          |          |      | WOMEN |      |      |      | WOMEN | WOMEN |          | GIRL    | Volume       |
| Amount (Liter)     |          |      | 20    |      |      |      | 20    | 20    |          | 20      | (Liter/time) |
| 2) Collect time    | 0.00     | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 5.45  | 0.00  | 5.30     | 0.00    | ** PM        |
| Collector          |          |      |       |      |      |      | GIRL  |       | GIRL     |         | After        |
| Amount (Liter)     |          |      |       |      |      |      | 20    |       | 30       |         | Midday       |
| 3) Collect time    | 0.00     | 0.00 | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00     | 0.00    | People       |
| Collector          |          |      |       |      |      |      |       |       |          |         | use for      |
| Amount (Liter)     |          |      |       |      |      |      |       |       |          |         | Rainwater    |
| 4) Collect time    |          |      |       |      |      |      |       |       |          |         |              |
| Collector          |          |      |       |      |      |      |       |       |          |         |              |
| Amount (Liter)     |          |      |       |      |      |      |       |       |          |         |              |
| 5) Collect time    |          |      |       |      |      |      |       |       |          |         |              |
| Collector          |          |      |       |      |      |      |       |       |          |         |              |
| Amount (Liter)     |          |      |       |      |      |      |       |       |          |         |              |
| 6) Collect time    |          |      |       |      |      |      |       |       |          |         |              |
| Collector          |          |      |       |      |      |      |       |       |          |         |              |
| Amount (Liter)     |          |      |       |      |      |      |       |       |          |         |              |
| AMOUNT (Liter/day) | 0        | 0    | 20    | 0    | 0    | 0    | 40    | 20    | 30       | 20      |              |

Sheet1

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name SENVANG- NO Times between which observed  
 Name of Source observed TONBOU Survey Date 28. June 1995.  
 Kind of Water Source ( RIVER ) Pumping Volume and Time

| Name of House      | SIEMUAN | LEY   | PIN  | LAO  | LITE | EAO   | KANUA | LAY  | TONGPAT | BUASONG | REMARKS   |
|--------------------|---------|-------|------|------|------|-------|-------|------|---------|---------|-----------|
| 1) Collect time    | 0.00    | 6.30  | 0.00 | 0.00 | 0.00 | 6.30  | 0.00  | 0.00 | 6.00    |         | Water use |
| Collector          |         | WOMEN |      |      |      | WOMEN |       |      | WOMEN   |         | for       |
| Amount (Liter)     |         | 20    |      |      |      | 20    |       |      | 20      |         | Rainwater |
| 2) Collect time    | 0.00    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00 | 0.00    |         |           |
| Collector          |         |       |      |      |      |       |       |      |         |         |           |
| Amount (Liter)     |         |       |      |      |      |       |       |      |         |         |           |
| 3) Collect time    | 0.00    | 0.00  | 0.00 | 0.00 | 0.00 | 0.00  | 0.00  | 0.00 | 0.00    |         |           |
| Collector          |         |       |      |      |      |       |       |      |         |         |           |
| Amount (Liter)     |         |       |      |      |      |       |       |      |         |         |           |
| 4) Collect time    |         |       |      |      |      |       |       |      |         |         |           |
| Collector          |         |       |      |      |      |       |       |      |         |         |           |
| Amount (Liter)     |         |       |      |      |      |       |       |      |         |         |           |
| 5) Collect time    |         |       |      |      |      |       |       |      |         |         |           |
| Collector          |         |       |      |      |      |       |       |      |         |         |           |
| Amount (Liter)     |         |       |      |      |      |       |       |      |         |         |           |
| 6) Collect time    |         |       |      |      |      |       |       |      |         |         |           |
| Collector          |         |       |      |      |      |       |       |      |         |         |           |
| Amount (Liter)     |         |       |      |      |      |       |       |      |         |         |           |
| AMOUNT (Liter/day) | 0       | 20    | 0    | 0    | 0    | 0     | 20    | 0    | 0       | 20      | 0         |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name HOUAKHOUA

Name of Source observed Mr. OHM

Kind of Water Source ( HAND PUMP [1] )

Times between which observed  
Survey Date 27. June 1995.

Pumping Volume and Time

| Name of House      | SAGUAN | SATITH | POKASO | SOUR  | HACK  | HOU   | OHM   | KHAMHEUM | WAY   | SUAN  | Remark's     |
|--------------------|--------|--------|--------|-------|-------|-------|-------|----------|-------|-------|--------------|
| 1) Collect time    | 6.20   | 0.00   | 6.40   | 6.00  | 6.20  | 5.20  | 6.20  | 0.00     | 6.10  | 5.20  | * Pumping    |
| Collector          | WOMAN  |        | WOMAN  | WOMAN | WOMAN | WOMAN | WOMAN |          | WOMAN | WOMAN | Volume       |
| Amount (Liter)     | 20     |        | 20     | 20    | 20    | 20    | 20    |          | 20    | 20    | (Liter/time) |
|                    | PM     |        | PM     | PM    | PM    | PM    | PM    |          | PM    | PM    |              |
| 2) Collect time    | 5.30   | 0.00   | 6.20   | 5.40  | 6.10  | 6.00  | 5.40  | 0.00     | 5.20  | 4.30  | ** PM        |
| Collector          | WOMAN  |        | WOMAN  | GIRL  | WOMAN | GIRL  | WOMAN |          | WOMAN | GIRL  | After        |
| Amount (Liter)     | 20     |        | 20     | 20    | 20    | 20    | 20    |          | 20    | 20    | Midday       |
|                    |        |        |        |       |       |       |       |          |       |       |              |
| 3) Collect time    | 0.00   | 0.00   | 0.00   | 0.00  | 0.00  | 0.00  | 0.00  | 0.00     | 0.00  | 0.00  |              |
| Collector          |        |        |        |       |       |       |       |          |       |       |              |
| Amount (Liter)     |        |        |        |       |       |       |       |          |       |       |              |
| 4) Collect time    |        |        |        |       |       |       |       |          |       |       |              |
| Collector          |        |        |        |       |       |       |       |          |       |       |              |
| Amount (Liter)     |        |        |        |       |       |       |       |          |       |       |              |
| 5) Collect time    |        |        |        |       |       |       |       |          |       |       |              |
| Collector          |        |        |        |       |       |       |       |          |       |       |              |
| Amount (Liter)     |        |        |        |       |       |       |       |          |       |       |              |
| 6) Collect time    |        |        |        |       |       |       |       |          |       |       |              |
| Collector          |        |        |        |       |       |       |       |          |       |       |              |
| Amount (Liter)     |        |        |        |       |       |       |       |          |       |       |              |
| AMOUNT (Liter/day) | 40     | 0      | 40     | 40    | 40    | 40    | 40    | 0        | 40    | 40    |              |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name HOUAKHOUA Times between which observed  
 Name of Source observed Mr. OHM Survey Date 28. June 1995.  
 Kind of Water Source ( HAND PUMP [1], ) Pumping Volume and Time

| Name of House      | SAGUAN | SATITH | POKASO | SOUR | HACK  | NOU   | OHM   | KHAMHEUM | WAY   | SUAM  | Remarks |
|--------------------|--------|--------|--------|------|-------|-------|-------|----------|-------|-------|---------|
| AM                 |        |        |        |      |       |       |       |          |       |       |         |
| 1) Collect time    | 5.20   |        | 6.30   | 5.40 | 6.35  | 5.00  | 6.00  |          | 6.30  | 5.30  |         |
| Collector          | WOMEN  |        | GIRL   | GIRL | MEN   | WOMEN | GIRL  |          | GIRL  | WOMEN |         |
| Amount (Liter)     | 20     |        | 20     | 20   | 20    | 20    | 20    |          | 20    | 20    |         |
| PM                 | PM     |        | PM     | PM   | PM    | PM    | PM    |          | PM    | PM    |         |
| 2) Collect time    | 5.00   |        | 6.00   | 5.30 | 6.30  | 6.00  | 5.30  |          | 5.45  | 4.45  |         |
| Collector          | GIRL   |        | WOMEN  | BOY  | WOMEN | WOMEN | WOMEN |          | WOMEN | WOMEN |         |
| Amount (Liter)     | 20     |        | 20     | 30   | 20    | 20    | 20    |          | 20    | 20    |         |
| 3) Collect time    | 0.00   |        | 0.00   | 7.20 | 0.00  | 0.00  | 0.00  |          | 0.00  | 0.00  |         |
| Collector          |        |        |        | BOY  |       |       |       |          |       |       |         |
| Amount (Liter)     |        |        |        | 20   |       |       |       |          |       |       |         |
| 4) Collect time    |        |        |        |      |       |       |       |          |       |       |         |
| Collector          |        |        |        |      |       |       |       |          |       |       |         |
| Amount (Liter)     |        |        |        |      |       |       |       |          |       |       |         |
| 5) Collect time    |        |        |        |      |       |       |       |          |       |       |         |
| Collector          |        |        |        |      |       |       |       |          |       |       |         |
| Amount (Liter)     |        |        |        |      |       |       |       |          |       |       |         |
| 6) Collect time    |        |        |        |      |       |       |       |          |       |       |         |
| Collector          |        |        |        |      |       |       |       |          |       |       |         |
| Amount (Liter)     | 40     | 0      | 40     | 70   | 40    | 40    | 40    | 0        | 40    | 40    |         |
| AMOUNT (Liter/day) |        |        |        |      |       |       |       |          |       |       |         |

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3 )

Village Name NONGKHAMKHAO  
 Name of Source observed Mr. BAUNTAVY  
 Kind of Water Source ( WELL, POND, )

Times between which observed  
 Survey Date 27. June 1995.

Pumping Volume and Time

| Name of House      | BAUNTAVY | SAMAN | PEAN | KHAMSEN | DAO | YANHY | BOUA  | POUN  | KHAN  | YONG  | Remark's           |
|--------------------|----------|-------|------|---------|-----|-------|-------|-------|-------|-------|--------------------|
| 1) Collect time    | 5.00     | 5.00  |      | 5.30    |     | 5.30  | 6.00  | 5.10  | 6.00  | 5.00  | * Pumping Volume   |
| Collector          | WOMAN    | WOMAN |      | WOMAN   |     | WOMAN | WOMAN | WOMAN | WOMAN | WOMAN |                    |
| Amount (Liter)     | 20       | 20    |      | 20      |     | 20    | 20    | 20    | 20    | 20    | (Liter/time)       |
| 2) Collect time    | 9.00     | 10.00 |      |         |     |       |       | 11.30 |       |       | ** PM After Midday |
| Collector          | WOMAN    | GIRL  |      |         |     |       |       | WOMAN |       |       |                    |
| Amount (Liter)     | 20       | 20    |      |         |     |       |       | 20    |       |       |                    |
| 3) Collect time    | 5.00     | 4.30  |      | 4.30    |     | 5.00  | 5.30  | 5.30  | 4.30  | 4.30  |                    |
| Collector          | WOMAN    | GIRL  |      | GIRL    |     | GIRL  | GIRL  | WOMAN | GIRL  | GIRL  |                    |
| Amount (Liter)     | 20       | 20    |      | 20      |     | 20    | 20    | 20    | 20    | 20    |                    |
| 4) Collect time    |          |       |      |         |     |       |       |       |       |       |                    |
| Collector          |          |       |      |         |     |       |       |       |       |       |                    |
| Amount (Liter)     |          |       |      |         |     |       |       |       |       |       |                    |
| 5) Collect time    |          |       |      |         |     |       |       |       |       |       |                    |
| Collector          |          |       |      |         |     |       |       |       |       |       |                    |
| Amount (Liter)     |          |       |      |         |     |       |       |       |       |       |                    |
| 6) Collect time    |          |       |      |         |     |       |       |       |       |       |                    |
| Collector          |          |       |      |         |     |       |       |       |       |       |                    |
| Amount (Liter)     | 60       | 60    | 0    | 40      | 0   | 40    | 40    | 60    | 40    | 40    |                    |
| AMOUNT (Liter/day) |          |       |      |         |     |       |       |       |       |       |                    |

Sheet I

Result of Water Collection Survey in Selected Each 10 Families ( Sheet 3.1 )

Village Name NONGKHAMKHAO  
 Name of Source observed Mr. BAUNTAVY  
 Kind of Water Source ( WELL, POND, )

Times between which observed  
 Survey Date 28. June. 1995.  
 Pumping Volume and Time

| Name of House      | BAUNTAVY | SAMAN | PEAN | KHANSEN | DAO | YANH  | BOUA | POUN | KHAN  | YONG | Remarks |
|--------------------|----------|-------|------|---------|-----|-------|------|------|-------|------|---------|
| 1) Collect time    | 7.00     | 8.00  |      | 9.00    |     | 6.00  | 6.00 | 6.30 | 8.30  | 7.00 |         |
| Collector          | WOMEN    | GIRL  |      | GIRL    |     | WOMEN | MEN  | MEN  | WOMEN | GIRL |         |
| Amount (Liter)     | 20       | 20    |      | 20      |     | 20    | 20   | 20   | 20    | 30   |         |
| 2) Collect time    |          | 11.00 |      | 12.00   |     |       |      |      |       |      |         |
| Collector          |          | WOMEN |      | GIRL    |     |       |      |      |       |      |         |
| Amount (Liter)     |          | 20    |      | 20      |     |       |      |      |       |      |         |
| 3) Collect time    | 5.40     | 5.30  |      | 4.00    |     | 5.10  | 5.20 | 5.30 | 5.30  | 5.00 |         |
| Collector          | WOMEN    | GIRL  |      | GIRL    |     | WOMEN | MEN  | MEN  | MEN   | GIRL |         |
| Amount (Liter)     | 30       | 20    |      | 20      |     | 20    | 20   | 20   | 20    | 30   |         |
| 4) Collect time    |          |       |      |         |     |       |      |      |       |      |         |
| Collector          |          |       |      |         |     |       |      |      |       |      |         |
| Amount (Liter)     |          |       |      |         |     |       |      |      |       |      |         |
| 5) Collect time    |          |       |      |         |     |       |      |      |       |      |         |
| Collector          |          |       |      |         |     |       |      |      |       |      |         |
| Amount (Liter)     |          |       |      |         |     |       |      |      |       |      |         |
| 6) Collect time    |          |       |      |         |     |       |      |      |       |      |         |
| Collector          |          |       |      |         |     |       |      |      |       |      |         |
| Amount (Liter)     |          |       |      |         |     |       |      |      |       |      |         |
| AMOUNT (Liter/day) | 50       | 60    | 0    | 60      | 0   | 40    | 40   | 40   | 40    | 60   |         |





JICA