

225

QUE RWANDAISE

ES TRAVAUX PUBLICS

L'EQUIPEMENT

**EXAMEN des TRAVAUX  
de CONSTRUCTION de la  
ROUTE KIGALI-GATUNA**

**PROJET ENTRE LES P.K.  
64.024,23 et 80.066,00**

**PROFILS EN TRAVERS  
ET CUBATURES**

A. GRANDE MOTTE

AVRIL 75

NUMERO

PROJET

**21**



BCEOM

14 - La Grande Motte

## LES RESULTATS

Les résultats apparaissent dans 3 tableaux.

- 1 - Le tableau des données géométriques
- 2 - Le tableau des résultats de cubatures
- 3 - Le tableau des calculs des différentes surfaces.

### 1 - LE TABLEAU DES DONNEES GEOMETRIQUES

Chaque profil est repéré par son abscisse curviligne (PK).

Les résultats concernant u profil sont résumés sur une même ligne qui indique :

- la hauteur du talus à gauche et à droite
- la limite d'assiette et sa cote à gauche et à droite
- la limite de plate-forme et sa cote à gauche et à droite
- la cote projet et la dénivelée sur l'axe
- la largeur de l'assiette.

### 2 - LE TABLEAU DES CUBATURES

En face de chaque profil rappelé par son PK, sont indiqués :

- les surfaces en remblai et déblai et les volumes élémentaires correspondants.
- les terrassements directement utilisables dans le profil et la partie, non réutilisable
- les volumes cumulés en remblai et déblai.

### 3 - LE TABLEAU DES SURFACES

En face de chaque profil rappelé par son PK, sont indiqués :

- les surfaces d'assiettes élémentaires et cumulées en déblai et remblai
- les longueurs élémentaires et cumulées de fossé.





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SURFACES

| PK       | ASSIETTE TOTALE | REMBLAIS | DEBLAIS | TALUS | REMBLAIS | DEBLAIS | ELEM | CUMULEE | ELEM | CUMULEE | ELEM | CUMULEE | ELEMENT | CUMULEE |
|----------|-----------------|----------|---------|-------|----------|---------|------|---------|------|---------|------|---------|---------|---------|
| 64024.23 | 0               | -0       | 0       | -0    | 0        | 0       | 0    | 0       | 0    | 0       | 0    | 0       | 0.00    | -0      |
| 64043.50 | 299             | 299      | 71      | 205   | 205      | 19      | 205  | 19      | 19   | 19      | 19   | 19      | 19.27   | 19      |
| 64064.00 | 130             | 429      | 206     | 313   | 108      | 12      | 313  | 12      | 12   | 12      | 12   | 12      | 20.51   | 40      |
| 64084.30 | 83              | 518      | 211     | 488   | 178      | 31      | 488  | 31      | 31   | 31      | 31   | 31      | 20.31   | 60      |
| 64104.00 | 108             | 625      | 169     | 658   | 64       | 40      | 658  | 40      | 40   | 40      | 40   | 40      | 20.62   | 81      |
| 64126.70 | 189             | 815      | 142     | 799   | 120      | 33      | 799  | 33      | 33   | 33      | 33   | 33      | 21.42   | 102     |
| 64147.00 | 121             | 936      | 183     | 982   | 72       | 27      | 982  | 27      | 27   | 27      | 27   | 27      | 23.72   | 126     |
| 64166.62 | 75              | 1012     | 161     | 1143  | 33       | 35      | 1143 | 35      | 35   | 35      | 35   | 35      | 20.90   | 147     |
| 64186.30 | 145             | 1157     | 105     | 1248  | 81       | 43      | 1248 | 43      | 43   | 43      | 43   | 43      | 19.68   | 166     |
| 64206.00 | 126             | 1293     | 131     | 1379  | 71       | 35      | 1379 | 35      | 35   | 35      | 35   | 35      | 19.71   | 186     |
| 64226.40 | 116             | 1398     | 142     | 1521  | 45       | 29      | 1521 | 29      | 29   | 29      | 29   | 29      | 20.42   | 207     |
| 64247.20 | 119             | 1518     | 131     | 1652  | 32       | 28      | 1652 | 28      | 28   | 28      | 28   | 28      | 20.34   | 227     |
| 64267.50 | 76              | 1593     | 181     | 1832  | 7        | 67      | 1832 | 67      | 67   | 67      | 67   | 67      | 41.03   | 257     |
| 64288.00 | 16              | 1609     | 267     | 2100  | 0        | 916     | 2100 | 916     | 916  | 916     | 916  | 916     | 29.66   | 298     |
| 64308.00 | 0               | 1609     | 290     | 2389  | 0        | 916     | 2389 | 916     | 916  | 916     | 916  | 916     | 40.01   | 338     |
| 64327.80 | 0               | 1609     | 293     | 2682  | 0        | 916     | 2682 | 916     | 916  | 916     | 916  | 916     | 39.80   | 378     |
| 64349.00 | 6               | 1616     | 294     | 2976  | 7        | 923     | 2976 | 923     | 923  | 923     | 923  | 923     | 42.40   | 420     |
| 64369.00 | 96              | 1711     | 113     | 3090  | 43       | 965     | 3090 | 965     | 965  | 965     | 965  | 965     | 22.53   | 443     |
| 64388.70 | 144             | 1855     | 112     | 3202  | 45       | 1012    | 3202 | 1012    | 1012 | 1012    | 1012 | 1012    | 19.70   | 462     |
| 64409.00 | 130             | 1986     | 150     | 3352  | 54       | 1066    | 3352 | 1066    | 1066 | 1066    | 1066 | 1066    | 20.30   | 483     |
| 64429.00 | 70              | 2056     | 218     | 3570  | 2        | 1069    | 3570 | 1069    | 1069 | 1069    | 1069 | 1069    | 38.52   | 521     |
| 64449.00 | 75              | 2151     | 221     | 3791  | 5        | 1074    | 3791 | 1074    | 1074 | 1074    | 1074 | 1074    | 37.14   | 558     |
| 64469.00 | 122             | 2253     | 167     | 3958  | 48       | 1122    | 3958 | 1122    | 1122 | 1122    | 1122 | 1122    | 20.00   | 578     |
| 64489.00 | 96              | 2349     | 170     | 4128  | 21       | 1143    | 4128 | 1143    | 1143 | 1143    | 1143 | 1143    | 20.00   | 598     |
| 64508.50 | 62              | 2412     | 200     | 4329  | 5        | 1147    | 4329 | 1147    | 1147 | 1147    | 1147 | 1147    | 29.44   | 628     |
| 64527.80 | 17              | 2428     | 251     | 4579  | 0        | 1147    | 4579 | 1147    | 1147 | 1147    | 1147 | 1147    | 38.62   | 666     |
| 64546.00 | 0               | 2428     | 286     | 4855  | 0        | 1147    | 4855 | 1147    | 1147 | 1147    | 1147 | 1147    | 40.44   | 707     |
| 64570.00 | 0               | 2428     | 320     | 5185  | 0        | 1147    | 5185 | 1147    | 1147 | 1147    | 1147 | 1147    | 46.07   | 751     |
| 64591.20 | 0               | 2428     | 669     | 5854  | 0        | 1147    | 5854 | 1147    | 1147 | 1147    | 1147 | 1147    | 94.56   | 846     |
| 64613.00 | 29              | 2457     | 251     | 6105  | 19       | 1166    | 6105 | 1166    | 1166 | 1166    | 1166 | 1166    | 43.73   | 889     |
| 64632.20 | 129             | 2585     | 117     | 6223  | 70       | 1236    | 6223 | 1236    | 1236 | 1236    | 1236 | 1236    | 28.18   | 917     |
| 64718.00 | 537             | 3122     | 25      | 6247  | 67       | 1303    | 6247 | 1303    | 1303 | 1303    | 1303 | 1303    | 28.33   | 946     |
| 64759.50 | 360             | 3482     | 5       | 6253  | 15       | 1319    | 6253 | 1319    | 1319 | 1319    | 1319 | 1319    | 11.57   | 957     |
| 64800.00 | 342             | 3824     | 6       | 6258  | 4        | 1323    | 6258 | 1323    | 1323 | 1323    | 1323 | 1323    | 40.40   | 998     |
| 64841.50 | 402             | 4226     | 1       | 6259  | 49       | 1372    | 6259 | 1372    | 1372 | 1372    | 1372 | 1372    | 5.02    | 1003    |
| 64881.00 | 410             | 4636     | 0       | 6259  | 77       | 1449    | 6259 | 1449    | 1449 | 1449    | 1449 | 1449    | 0.00    | 1003    |
| 64921.60 | 421             | 5057     | 0       | 6259  | 79       | 1527    | 6259 | 1527    | 1527 | 1527    | 1527 | 1527    | 0.00    | 1003    |
| 64951.50 | 388             | 5445     | 2       | 6262  | 47       | 1575    | 6262 | 1575    | 1575 | 1575    | 1575 | 1575    | 13.40   | 1016    |
| 65002.30 | 386             | 5831     | 3       | 6264  | 35       | 1610    | 6264 | 1610    | 1610 | 1610    | 1610 | 1610    | 9.59    | 1026    |









| PK        | TALUS ET ELEMENTS DE GAUCHE              | COTE    | DENI-   | TALUS ET ELEMENTS DE DROITE               | LARG.    |          |        |      |         |       |         |        |        |
|-----------|--|---------|---------|---|----------|----------|--------|------|---------|-------|---------|--------|--------|
|           | * LIM. D'ASSIETTE* LIM. PLATEFORME* COTE | * SUR L | * VEL-  | * LIM. PLATEFORME* LIM. D ASSIETTE* HAUT. | * ASS.   |          |        |      |         |       |         |        |        |
|           | * ABS                                    | * COTE  | * LEE   | * ABS                                     | * COTE   |          |        |      |         |       |         |        |        |
|           | * ABS                                    | * COTE  | * AXE   | * ABS                                     | * COTE   |          |        |      |         |       |         |        |        |
| 65841.00* | -4.69                                    | -6.94   | 1841.05 | -3.75                                     | 1836.36* | 1836.47* | .78*   | 3.75 | 1836.36 | 4.76  | 1836.16 | .20*   | 11.69* |
| 65861.80* | -4.41                                    | -6.88   | 1841.02 | -3.75                                     | 1836.60* | 1836.71* | -.58*  | 3.75 | 1836.60 | 7.74  | 1834.41 | 2.19*  | 14.62* |
| 65882.50* | -6.44                                    | -8.29   | 1843.00 | -3.75                                     | 1836.55* | 1836.66* | -2.83* | 3.75 | 1836.55 | 4.69  | 1836.55 | 0.00*  | 12.98* |
| 65945.00* | -5.14                                    | -7.03   | 1840.24 | -3.75                                     | 1835.10* | 1835.21* | .93*   | 3.75 | 1835.10 | 4.85  | 1834.84 | .26*   | 11.88* |
| 65967.00* | -6.74                                    | -8.35   | 1841.25 | -3.75                                     | 1834.51* | 1834.62* | .73*   | 3.75 | 1834.51 | 4.64  | 1834.39 | .12*   | 12.98* |
| 65988.00* | -4.89                                    | -6.98   | 1838.85 | -3.75                                     | 1833.96* | 1834.07* | .18*   | 3.75 | 1833.96 | 14.75 | 1827.10 | 6.86*  | 21.73* |
| 66008.00* | -4.74                                    | -6.95   | 1838.26 | -3.75                                     | 1833.52* | 1833.63* | .54*   | 3.75 | 1833.52 | 4.71  | 1833.36 | .17*   | 11.66* |
| 66029.00* | -7.06                                    | -8.41   | 1840.20 | -3.75                                     | 1833.13* | 1833.24* | -.85*  | 3.75 | 1833.13 | 5.19  | 1834.08 | -.94*  | 13.60* |
| 66049.00* | -9.11                                    | -8.82   | 1841.93 | -3.75                                     | 1832.82* | 1832.93* | -2.61* | 3.75 | 1832.82 | 5.35  | 1834.58 | -1.75* | 14.17* |
| 66069.00* | -9.60                                    | -8.92   | 1842.12 | -3.75                                     | 1832.52* | 1832.63* | -3.71* | 3.75 | 1832.52 | 5.45  | 1834.76 | -2.23* | 14.37* |
| 66089.80* | -6.65                                    | -8.33   | 1838.86 | -3.75                                     | 1832.20* | 1832.31* | -1.88* | 3.75 | 1832.20 | 5.24  | 1833.39 | -1.18* | 13.57* |
| 66109.00* | -4.49                                    | -6.90   | 1836.40 | -3.75                                     | 1831.91* | 1832.02* | -.17*  | 3.75 | 1831.91 | 5.13  | 1832.57 | -.65*  | 12.03* |
| 66129.80* | -2.01                                    | -5.40   | 1833.61 | -3.75                                     | 1831.59* | 1831.70* | .81*   | 3.75 | 1831.59 | 4.75  | 1831.40 | -.20*  | 10.15* |
| 66150.00* | -.71                                     | -5.14   | 1832.00 | -3.75                                     | 1831.29* | 1831.40* | .01*   | 3.75 | 1831.29 | 5.46  | 1830.62 | .67*   | 10.60* |
| 66170.00* | -.34                                     | -5.07   | 1831.32 | -3.75                                     | 1830.98* | 1831.09* | .55*   | 3.75 | 1830.98 | 6.10  | 1829.89 | 1.10*  | 11.17* |
| 66190.00* | -.40                                     | -5.08   | 1831.09 | -3.75                                     | 1830.68* | 1830.79* | .05*   | 3.75 | 1830.68 | 5.69  | 1829.86 | .82*   | 10.77* |
| 66209.40* | -.28                                     | -5.06   | 1830.64 | -3.75                                     | 1830.35* | 1830.46* | 1.02*  | 3.75 | 1830.35 | 6.01  | 1829.32 | 1.04*  | 11.07* |
| 66230.00* | -.39                                     | -5.08   | 1830.46 | -3.75                                     | 1830.07* | 1830.18* | .64*   | 3.75 | 1830.07 | 7.07  | 1828.33 | 1.74*  | 12.14* |
| 66249.00* | -.95                                     | -5.19   | 1830.76 | -3.75                                     | 1829.81* | 1829.92* | 1.83*  | 3.75 | 1829.81 | 6.14  | 1828.69 | 1.12*  | 11.32* |
| 66268.00* | -1.86                                    | -5.37   | 1831.58 | -3.75                                     | 1829.72* | 1829.83* | .69*   | 3.75 | 1829.72 | 5.23  | 1829.21 | .51*   | 10.60* |
| 66288.80* | -1.40                                    | -5.28   | 1831.21 | -3.75                                     | 1829.81* | 1829.92* | 1.13*  | 3.75 | 1829.81 | 5.06  | 1829.41 | .41*   | 10.34* |
| 66308.20* | -2.35                                    | -5.47   | 1832.46 | -3.75                                     | 1830.10* | 1830.21* | -1.05* | 3.75 | 1830.10 | 5.05  | 1830.36 | -.26*  | 10.52* |
| 66327.50* | -3.05                                    | -6.61   | 1833.61 | -3.75                                     | 1830.55* | 1830.66* | -1.53* | 3.75 | 1830.55 | 5.09  | 1831.01 | -.46*  | 11.70* |
| 66348.80* | -2.61                                    | -5.87   | 1833.93 | -3.75                                     | 1831.31* | 1831.42* | -2.22* | 3.75 | 1831.31 | 5.03  | 1831.39 | -.08*  | 10.90* |
| 66369.00* | -.80                                     | -5.27   | 1833.02 | -3.75                                     | 1832.21* | 1832.32* | 2.13*  | 3.75 | 1832.21 | 5.93  | 1831.23 | .99*   | 11.20* |
| 66389.00* | -1.10                                    | -5.37   | 1834.41 | -3.75                                     | 1833.31* | 1833.42* | 1.38*  | 3.75 | 1833.31 | 6.44  | 1831.99 | 1.32*  | 11.81* |
| 66409.00* | -2.50                                    | -5.83   | 1836.96 | -3.75                                     | 1834.46* | 1834.57* | -.22*  | 3.75 | 1834.46 | 7.25  | 1832.60 | 1.86*  | 13.08* |
| 66429.00* | -9.21                                    | -10.07  | 1844.73 | -3.75                                     | 1835.52* | 1835.63* | -4.71* | 3.75 | 1835.52 | 5.10  | 1835.83 | -.30*  | 15.17* |
| 66449.00* | -10.92                                   | -10.64  | 1847.24 | -3.75                                     | 1836.31* | 1836.42* | -5.17* | 3.75 | 1836.31 | 5.76  | 1835.45 | .87*   | 16.40* |
| 66468.50* | -8.26                                    | -8.65   | 1845.11 | -3.75                                     | 1836.84* | 1836.95* | 1.16*  | 3.75 | 1836.84 | 5.62  | 1836.07 | .77*   | 14.27* |
| 66488.80* | -7.56                                    | -8.51   | 1844.67 | -3.75                                     | 1837.11* | 1837.22* | -1.67* | 3.75 | 1837.11 | 6.57  | 1835.71 | 1.41*  | 15.08* |
| 66509.00* | -7.96                                    | -8.59   | 1845.08 | -3.75                                     | 1837.11* | 1837.22* | -1.97* | 3.75 | 1837.11 | 6.36  | 1835.85 | 1.27*  | 14.95* |
| 66530.00* | -6.59                                    | -8.32   | 1843.54 | -3.75                                     | 1836.94* | 1837.05* | .11*   | 3.75 | 1836.94 | 6.14  | 1835.82 | 1.12*  | 14.46* |
| 66550.00* | -5.20                                    | -7.04   | 1841.98 | -3.75                                     | 1836.78* | 1836.89* | .30*   | 3.75 | 1836.78 | 6.28  | 1835.57 | 1.21*  | 13.32* |
| 66570.00* | -7.59                                    | -8.52   | 1844.22 | -3.75                                     | 1836.62* | 1836.73* | -3.06* | 3.75 | 1836.62 | 5.51  | 1835.92 | .70*   | 14.02* |
| 66590.00* | -7.51                                    | -8.50   | 1843.96 | -3.75                                     | 1836.45* | 1836.56* | -1.63* | 3.75 | 1836.45 | 6.59  | 1835.03 | 1.43*  | 15.10* |
| 66609.80* | -11.61                                   | -9.32   | 1847.88 | -3.75                                     | 1836.26* | 1836.37* | -.67*  | 3.75 | 1836.26 | 5.66  | 1835.46 | .80*   | 14.99* |
| 66630.00* | -13.12                                   | -9.62   | 1849.00 | -3.75                                     | 1835.88* | 1835.99* | -1.85* | 3.75 | 1835.88 | 4.50  | 1835.85 | .03*   | 14.13* |
| 66650.00* | -10.37                                   | -9.07   | 1845.67 | -3.75                                     | 1835.30* | 1835.41* | .02*   | 3.75 | 1835.30 | 4.86  | 1835.03 | .27*   | 13.94* |

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CURATURES

| PK       | REMBLAIS | SURF  | VOL.ELEM SURF | DEBLAIS | TERRASSEMENTS | UTILIS. DANS LE PROFIL | SOMME CENT. DE GRAVITE | MEME NATURE | ABSC I | ABSC P | VOLUME | CUMULE |
|----------|----------|-------|---------------|---------|---------------|------------------------|------------------------|-------------|--------|--------|--------|--------|
|          |          |       |               |         |               |                        |                        |             |        |        |        |        |
| 65841.00 | 2.31     | 30.7  | 14.82         | 308.0   | 4455          | -277.3                 | *                      | *           | *      | *      | 7424   | 33073  |
| 65861.80 | 8.17     | 109.0 | 14.87         | 308.8   | 4554          | -194.8                 | *                      | *           | *      | *      | 7533   | 33382  |
| 65882.50 | 0.03     | 84.9  | 32.45         | 439.2   | 4649          | -404.9                 | *                      | *           | *      | *      | 7618   | 33871  |
| 65945.00 | 2.96     | 93.4  | 14.94         | 1478.0  | 4742          | -1384.6                | *                      | *           | *      | *      | 7712   | 35349  |
| 65967.00 | 2.21     | 56.8  | 17.98         | 361.1   | 4799          | -304.3                 | *                      | *           | *      | *      | 7768   | 35711  |
| 65989.00 | 5.99     | 86.0  | 11.67         | 311.4   | 4885          | -225.4                 | *                      | *           | *      | *      | 7854   | 36022  |
| 66009.00 | 2.05     | 80.3  | 11.36         | 230.3   | 4965          | -150.0                 | *                      | *           | *      | *      | 7935   | 36252  |
| 66029.00 | 0.00     | 21.5  | 29.54         | 429.5   | 4987          | -408.0                 | *                      | *           | *      | *      | 7956   | 36682  |
| 66049.00 | 0.00     | 0.0   | 48.85         | 763.9   | 4987          | -783.9                 | *                      | *           | *      | *      | 7956   | 37465  |
| 66069.00 | 0.00     | 0.0   | 56.05         | 1069.0  | 4987          | -1069.0                | *                      | *           | *      | *      | 7956   | 38535  |
| 66089.00 | 0.00     | 0.0   | 33.69         | 954.0   | 4987          | -954.0                 | *                      | *           | *      | *      | 7956   | 39489  |
| 66109.00 | 0.00     | 0.0   | 18.24         | 494.7   | 4987          | -498.7                 | *                      | *           | *      | *      | 7956   | 39947  |
| 66129.00 | 2.64     | 27.5  | 6.07          | 253.0   | 5014          | -225.5                 | *                      | *           | *      | *      | 7984   | 40240  |
| 66150.00 | 2.61     | 53.0  | 1.53          | 76.7    | 5067          | -23.7                  | -7415                  | -204.43     | 164.57 | *      | 8037   | 40317  |
| 66170.00 | 7.08     | 97.0  | 0.35          | 18.8    | 5086          | 78.2                   | *                      | *           | *      | *      | 8134   | 40336  |
| 66190.00 | 2.90     | 99.9  | 0.97          | 13.2    | 5099          | 86.7                   | *                      | *           | *      | *      | 8234   | 40349  |
| 66210.00 | 6.55     | 91.7  | 0.37          | 13.0    | 5112          | 70.7                   | *                      | *           | *      | *      | 8325   | 40362  |
| 66230.00 | 9.83     | 168.8 | 0.39          | 7.9     | 5120          | 160.9                  | *                      | *           | *      | *      | 8494   | 40370  |
| 66250.00 | 9.07     | 179.6 | 1.44          | 17.4    | 5137          | 162.1                  | *                      | *           | *      | *      | 8674   | 40387  |
| 66268.00 | 4.25     | 126.6 | 5.42          | 65.2    | 5203          | 61.4                   | 628                    | -63.18      | 54.82  | *      | 8900   | 40452  |
| 66284.00 | 4.29     | 88.8  | 3.45          | 92.2    | 5291          | -3.5                   | *                      | *           | *      | *      | 8889   | 40545  |
| 66309.00 | 0.00     | 41.5  | 12.35         | 153.2   | 5333          | -111.7                 | *                      | *           | *      | *      | 8930   | 40598  |
| 66327.00 | 0.06     | 6     | 16.58         | 279.1   | 5334          | -278.5                 | *                      | *           | *      | *      | 8931   | 40977  |
| 66345.00 | 0.00     | 7     | 20.38         | 393.6   | 5334          | -392.9                 | *                      | *           | *      | *      | 8932   | 41371  |
| 66363.00 | 9.73     | 98.8  | 1.48          | 220.8   | 5433          | -122.0                 | -909                   | -61.61      | 39.39  | *      | 9030   | 41591  |
| 66389.00 | 11.28    | 210.6 | 1.35          | 28.3    | 5461          | 182.3                  | *                      | *           | *      | *      | 9241   | 41620  |
| 66409.00 | 7.34     | 186.2 | 7.09          | 84.4    | 5546          | 101.8                  | 284                    | -17.17      | 22.83  | *      | 9427   | 41704  |
| 66429.00 | 0.00     | 73.4  | 62.37         | 694.6   | 5619          | -621.2                 | *                      | *           | *      | *      | 9501   | 42399  |
| 66449.00 | 2.00     | 20.0  | 64.24         | 1266.1  | 5639          | -1245.1                | *                      | *           | *      | *      | 9521   | 43665  |
| 66469.00 | 5.24     | 70.6  | 24.66         | 886.3   | 5710          | -815.7                 | *                      | *           | *      | *      | 9591   | 44551  |
| 66488.00 | 4.90     | 102.9 | 27.72         | 552.0   | 5813          | -449.1                 | *                      | *           | *      | *      | 9694   | 45103  |
| 66509.00 | 3.62     | 86.0  | 29.25         | 575.5   | 5899          | -489.5                 | *                      | *           | *      | *      | 9780   | 45679  |
| 66530.00 | 7.05     | 112.1 | 17.56         | 491.6   | 6011          | -379.4                 | *                      | *           | *      | *      | 9892   | 46170  |
| 66550.00 | 8.01     | 150.7 | 14.01         | 315.7   | 6161          | -165.1                 | *                      | *           | *      | *      | 10043  | 46486  |
| 66570.00 | 1.35     | 93.6  | 38.31         | 523.2   | 6255          | -429.6                 | *                      | *           | *      | *      | 10137  | 47009  |
| 66590.00 | 9.60     | 109.6 | 28.51         | 649.2   | 6365          | -558.7                 | *                      | *           | *      | *      | 10246  | 47677  |
| 66609.00 | 11.73    | 211.2 | 28.73         | 566.7   | 6576          | -355.4                 | *                      | *           | *      | *      | 10457  | 48244  |
| 66630.00 | 7.78     | 126.4 | 51.35         | 808.8   | 6702          | -682.4                 | *                      | *           | *      | *      | 10584  | 49053  |
| 66650.00 | 1.17     | 19.5  | 39.17         | 905.1   | 6722          | -885.6                 | *                      | *           | *      | *      | 10603  | 49958  |

SCOM

TABEAU. 3

DEPARTEMENT RWA

CALCUL DE TERRASSEMENTS

ROUTE KI-

PAGE NO 120

DATE 16/04/75

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SURFACES

| PK        | ASSIETTE TOTALE | REBLAIS | DEPLAIS | TALUS  | REBLAIS | DEPLAIS | REBLAIS | DEPLAIS | REBLAIS | DEPLAIS | ELEM | CUMULEE | ELEM | CUMULEE | REBLAIS | DEPLAIS | REBLAIS | DEPLAIS | ELEM | CUMULEE | REBLAIS | DEPLAIS | ELEM | CUMULEE | REBLAIS | DEPLAIS | ELEM | CUMULEE |
|-----------|-----------------|---------|---------|--------|---------|---------|---------|---------|---------|---------|------|---------|------|---------|---------|---------|---------|---------|------|---------|---------|---------|------|---------|---------|---------|------|---------|
| 65841.00* | 10801           | 80      | 156     | 12539* | 8       | 3977    | 33      | 3694*   | 25.15   | 1987*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65861.00* | 10923           | 122     | 152     | 12690* | 59      | 4037    | 33      | 3127*   | 20.39   | 2008*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65922.50* | 10965           | 42      | 187     | 12978* | 38      | 4075    | 22      | 3149*   | 24.34   | 2034*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65945.00* | 11064           | 99      | 525     | 13403* | 23      | 4098    | 101     | 3231*   | 103.37  | 2137*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65967.00* | 11185           | 121     | 153     | 13556* | 23      | 4121    | 32      | 3283*   | 22.01   | 2159*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65988.00* | 11403           | 214     | 147     | 13702* | 147     | 4268    | 28      | 3311*   | 21.01   | 2180*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65002.00* | 11617           | 214     | 120     | 13822* | 141     | 4409    | 37      | 3348*   | 20.00   | 2200*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65023.00* | 11682           | 55      | 200     | 14022* | 2       | 4410    | 39      | 3387*   | 36.70   | 2239*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65049.00* | 11682           | 0       | 278     | 14300* | 0       | 4410    | 70      | 3457*   | 40.00   | 2279*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65069.00* | 11682           | 0       | 285     | 14505* | 0       | 4410    | 109     | 3566*   | 40.00   | 2319*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65089.00* | 11682           | 0       | 291     | 14745* | 0       | 4410    | 81      | 3647*   | 41.60   | 2361*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65109.00* | 11682           | 0       | 246     | 15121* | 0       | 4410    | 39      | 3686*   | 38.40   | 2399*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65129.00* | 11738           | 56      | 175     | 15296* | 4       | 4414    | 42      | 3727*   | 34.25   | 2433*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65150.00* | 11848           | 110     | 100     | 15396* | 30      | 4444    | 28      | 3755*   | 20.29   | 2454*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65170.00* | 11994           | 144     | 72      | 15467* | 46      | 4490    | 11      | 3766*   | 20.00   | 2474*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65190.00* | 12147           | 153     | 67      | 15534* | 49      | 4538    | 8       | 3774*   | 20.00   | 2494*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65209.40* | 12289           | 142     | 69      | 15603* | 46      | 4584    | 7       | 3780*   | 19.40   | 2513*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65230.00* | 12482           | 193     | 47      | 15650* | 66      | 4650    | 7       | 3787*   | 20.60   | 2534*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65249.00* | 12656           | 174     | 49      | 15699* | 62      | 4712    | 13      | 3890*   | 19.00   | 2553*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65268.00* | 12788           | 132     | 76      | 15775* | 41      | 4754    | 27      | 3828*   | 19.00   | 2572*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65288.80* | 12911           | 123     | 95      | 15870* | 32      | 4785    | 35      | 3852*   | 20.60   | 2592*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65308.20* | 12969           | 59      | 144     | 16014* | 7       | 4793    | 38      | 3900*   | 28.74   | 2621*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65327.50* | 12977           | 8       | 144     | 16221* | 5       | 4798    | 31      | 3931*   | 38.61   | 2660*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65348.80* | 12986           | 8       | 207     | 16453* | 5       | 4802    | 36      | 3967*   | 42.63   | 2702*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65369.00* | 13081           | 76      | 147     | 16600* | 17      | 4819    | 37      | 4004*   | 26.69   | 2729*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65370.00* | 13227           | 166     | 65      | 16665* | 56      | 4875    | 20      | 4024*   | 20.03   | 2749*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65409.00* | 13282           | 156     | 93      | 16758* | 71      | 4946    | 38      | 4062*   | 20.03   | 2769*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65429.00* | 13448           | 65      | 217     | 16975* | 17      | 4964    | 54      | 4115*   | 31.50   | 2801*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65449.00* | 13476           | 29      | 287     | 17262* | 6       | 4969    | 72      | 4187*   | 35.06   | 2836*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65468.50* | 13565           | 89      | 210     | 17473* | 42      | 5012    | 65      | 4252*   | 19.51   | 2855*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65488.80* | 13682           | 117     | 181     | 17654* | 54      | 5065    | 40      | 4292*   | 20.30   | 2875*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65508.00* | 13783           | 101     | 202     | 17856* | 63      | 5128    | 36      | 4328*   | 20.20   | 2896*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65530.00* | 13930           | 147     | 162     | 18018* | 61      | 5190    | 27      | 4355*   | 21.00   | 2917*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65550.00* | 14093           | 164     | 114     | 18132* | 58      | 5248    | 28      | 4384*   | 20.00   | 2937*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65570.00* | 14183           | 90      | 193     | 18315* | 48      | 5296    | 39      | 4422*   | 20.00   | 2957*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65590.00* | 14264           | 80      | 211     | 18526* | 52      | 5349    | 32      | 4454*   | 20.00   | 2977*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65609.80* | 14399           | 135     | 162     | 18699* | 54      | 5402    | 72      | 4526*   | 19.80   | 2996*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65630.00* | 14517           | 118     | 176     | 18865* | 29      | 5432    | 131     | 4557*   | 20.20   | 3017*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |
| 65650.00* | 14601           | 84      | 196     | 19041* | 19      | 5451    | 117     | 4774*   | 20.01   | 3037*   |      |         |      |         |         |         |         |         |      |         |         |         |      |         |         |         |      |         |

TABLEAU. 1  
DEPARTEMENT RWA  
CALCUL DE TERRASSEMENTS  
ROUTE KI-  
PAGE NO 160  
DATE 16/04/75

| PK        | TALUS ET ELEMENTS DE GAUCHE                                | COTE           | DENI          | TALUS ET ELEMENTS DE DROITE | LARG.   |
|-----------|--|----------------|---------------|-----------------------------|---------|
| *         | * HAUT. * LIM. D'ASSIETTE * LIM. D'ASSIETTE * HAUT. * ASS. | * ARSC * COTE  | * LEE * COTE  | * ARSC * COTE               | * LARG. |
| *         | * ARSC * COTE  | * SUR L AXE    | * ARSC * COTE | * ARSC * COTE               | * LARG. |
| 66664.00* | -9.46  | -3.75 1834.79* | -0.44         | 3.75 1834.79                | .77*    |
| 66650.00* | -6.36  | -3.75 1833.64* | -0.04         | 3.75 1833.64                | .69*    |
| 66710.00* | -3.54  | -3.75 1832.74* | 1.34*         | 3.75 1832.74                | 1.15*   |
| 66729.50* | -2.62  | -3.75 1831.87* | .61*          | 3.75 1831.87                | .84*    |
| 66749.50* | -1.76  | -3.75 1831.07* | -.36*         | 3.75 1831.07                | .87*    |
| 66766.00* | -1.67  | -3.75 1830.66* | -.17*         | 3.75 1830.66                | .09*    |
| 66788.50* | -1.48  | -3.75 1830.53* | -.06*         | 3.75 1830.63                | 23.26   |
| 66807.20* | -1.50  | -3.75 1830.87* | .47*          | 3.75 1830.87                | 4.59    |
| 66827.99* | -3.97  | -3.75 1831.15* | -.17*         | 3.75 1831.15                | 4.50    |
| 66847.50* | -7.24  | -3.75 1831.42* | -1.11*        | 3.75 1831.42                | 5.47    |
| 66867.50* | -8.75  | -3.75 1831.64* | -.84*         | 3.75 1831.64                | 5.34    |
| 66887.50* | -8.55  | -3.75 1831.67* | -.19*         | 3.75 1831.67                | 5.21    |
| 66908.00* | -6.98  | -3.75 1831.49* | .81*          | 3.75 1831.49                | 5.10    |
| 66929.00* | -4.31  | -3.75 1831.17* | 1.07*         | 3.75 1831.17                | 4.76    |
| 66950.00* | -5.35  | -3.75 1830.84* | .46*          | 3.75 1830.84                | 5.17    |
| 66970.00* | -6.76  | -3.75 1830.54* | 1.11*         | 3.75 1830.54                | 5.04    |
| 66990.00* | -4.70  | -3.75 1830.23* | -.60*         | 3.75 1830.23                | 5.76    |
| 67010.00* | -3.09  | -3.75 1829.93* | .70*          | 3.75 1829.93                | 6.00    |
| 67030.00* | -3.86  | -3.75 1829.56* | .96*          | 3.75 1829.56                | 5.84    |
| 67051.00* | -4.27  | -3.75 1828.97* | .77*          | 3.75 1828.97                | 5.89    |
| 67071.00* | -7.75  | -3.75 1828.25* | -.13*         | 3.75 1828.25                | 4.81    |
| 67091.00* | -7.33  | -3.75 1827.52* | .66*          | 3.75 1827.52                | 5.15    |
| 67111.00* | -7.97  | -3.75 1826.71* | .85*          | 3.75 1826.93                | 4.69    |
| 67131.00* | -8.20  | -3.75 1825.88* | 1.15*         | 3.75 1826.71                | 5.56    |
| 67151.30* | -11.08   | -3.75 1825.04* | .80*          | 3.75 1826.84                | 8.74    |
| 67172.00* | -11.32   | -3.75 1824.27* | -3.09*        | 3.75 1827.14                | 5.22    |
| 67192.00* | -11.70   | -3.75 1823.33* | -6.57*        | 3.75 1827.39                | 5.07    |
| 67212.50* | -9.11  | -3.75 1822.54* | -5.39*        | 3.75 1827.64                | 5.51    |
| 67232.20* | -6.25  | -3.75 1821.82* | -2.40*        | 3.75 1827.64                | 5.51    |
| 67252.50* | -2.34  | -3.75 1821.14* | .61*          | 3.75 1827.64                | 5.23    |
| 67272.60* | .02  | -3.75 1820.48* | 1.19*         | 3.75 1827.64                | 7.74    |
| 67292.50* | .65  | -3.75 1819.84* | 1.76*         | 3.75 1828.34                | 7.88    |
| 67313.00* | .29  | -3.75 1819.24* | 2.20*         | 3.75 1828.64                | 6.95    |
| 67334.00* | -2.59  | -3.75 1818.68* | -.22*         | 3.75 1828.64                | 9.00    |
| 67354.00* | -1.64  | -3.75 1818.16* | -1.59*        | 3.75 1829.08                | 5.33    |
| 67374.00* | -6.75  | -3.75 1817.58* | -3.28*        | 3.75 1829.34                | 5.14    |
| 67393.30* | -6.24  | -3.75 1817.04* | -.39*         | 3.75 1829.35                | 5.19    |
| 67414.00* | -4.92  | -3.75 1816.47* | -.50*         | 3.75 1829.68                | 5.10    |
| 67434.00* | -4.00  | -3.75 1815.86* | -.85*         | 3.75 1829.78                | 5.06    |
|           |  | -3.75 1815.29* |               | 3.75 1829.91                | 5.13    |



| PK       | REMOIS | SURF  | VOL.ELEM SURF | DELAIS | VOL.ELEM | CUMULE  | UTILIS. NON UTIL | TERRASSEMENTS | SOMME | DE     | ABSC 1 | ABSC 2 | VOLUME | CUMULE | DERLAI |
|----------|--------|-------|---------------|--------|----------|---------|------------------|---------------|-------|--------|--------|--------|--------|--------|--------|
|          |        |       |               |        |          |         | DANS LE PROFIL   | DE            | MEME  | NATURE |        |        |        |        |        |
|          |        |       |               |        |          |         |                  |               |       |        |        |        |        |        |        |
| 66664.00 | 4.91   | 42.6  | 35.03         | 519.4  | 6764     | -476.8  |                  |               |       |        |        |        | 10645  | 50477  |        |
| 66690.00 | 4.55   | 126.9 | 18.70         | 699.5  | 6891     | -571.6  |                  |               |       |        |        |        | 10773  | 51176  |        |
| 66710.00 | 7.77   | 126.2 | 8.26          | 265.5  | 7017     | -143.4  |                  |               |       |        |        |        | 10899  | 51446  |        |
| 66720.00 | 4.30   | 117.7 | 6.87          | 147.5  | 7135     | -29.8   |                  |               |       |        |        |        | 11017  | 51593  |        |
| 66740.00 | 3.47   | 77.7  | 5.63          | 125.0  | 7213     | -47.3   |                  |               |       |        |        |        | 11094  | 51718  |        |
| 66760.00 | 1.12   | 44.7  | 4.62          | 99.9   | 7257     | -55.2   |                  |               |       |        |        |        | 11139  | 51818  |        |
| 66780.00 | 43.11  | 431.3 | 4.30          | 86.9   | 7344     | 344.4   |                  |               |       |        |        |        | 11570  | 51905  |        |
| 66807.20 | 1.96   | 421.4 | 3.64          | 74.3   | 7419     | 347.2   |                  |               |       |        |        |        | 11992  | 51979  |        |
| 66827.80 | 5.6    | 26.0  | 13.34         | 174.9  | 7445     | -149.0  |                  |               |       |        |        |        | 12018  | 52154  |        |
| 66847.50 | 0.00   | 5.5   | 34.52         | 471.4  | 7450     | -465.9  |                  |               |       |        |        |        | 12023  | 52225  |        |
| 66857.50 | 0.00   | 0.0   | 30.46         | 649.8  | 7450     | -649.8  |                  |               |       |        |        |        | 12023  | 53275  |        |
| 66877.50 | 0.00   | 0.0   | 31.87         | 621.3  | 7450     | -623.3  |                  |               |       |        |        |        | 12023  | 53699  |        |
| 66900.00 | 2.90   | 29.7  | 16.84         | 493.3  | 7480     | -469.6  |                  |               |       |        |        |        | 12053  | 54358  |        |
| 66909.00 | 4.24   | 74.9  | 9.79          | 272.7  | 7555     | -204.8  |                  |               |       |        |        |        | 12128  | 54678  |        |
| 66950.00 | 2.96   | 75.5  | 16.16         | 272.6  | 7630     | -197.0  |                  |               |       |        |        |        | 12203  | 54950  |        |
| 66970.00 | 6.41   | 93.6  | 19.22         | 353.8  | 7724     | -260.2  |                  |               |       |        |        |        | 12297  | 55304  |        |
| 66990.00 | 5.41   | 118.1 | 14.44         | 336.6  | 7842     | -218.5  |                  |               |       |        |        |        | 12415  | 55640  |        |
| 67010.00 | 6.51   | 119.1 | 13.25         | 276.9  | 7961     | -157.8  |                  |               |       |        |        |        | 12534  | 55917  |        |
| 67030.00 | 6.99   | 134.8 | 9.20          | 224.5  | 8096     | -89.6   |                  |               |       |        |        |        | 12669  | 56142  |        |
| 67051.00 | 2.00   | 103.5 | 10.37         | 205.5  | 8199     | -102.1  |                  |               |       |        |        |        | 12773  | 56347  |        |
| 67071.00 | 0.00   | 28.8  | 26.12         | 364.9  | 8228     | -336.2  |                  |               |       |        |        |        | 12901  | 56712  |        |
| 67091.00 | 2.65   | 26.5  | 20.22         | 463.4  | 8255     | -436.9  |                  |               |       |        |        |        | 12928  | 57176  |        |
| 67111.00 | 4.41   | 70.6  | 24.18         | 444.0  | 8325     | -373.4  |                  |               |       |        |        |        | 12998  | 57620  |        |
| 67131.00 | 11.69  | 161.0 | 22.12         | 462.9  | 8486     | -301.9  |                  |               |       |        |        |        | 13059  | 58083  |        |
| 67151.30 | 3.28   | 151.9 | 38.42         | 614.4  | 8638     | -462.5  |                  |               |       |        |        |        | 13211  | 58697  |        |
| 67172.00 | 0.00   | 34.0  | 53.95         | 956.1  | 8672     | -922.1  |                  |               |       |        |        |        | 13245  | 59653  |        |
| 67192.00 | 0.00   | 0.0   | 84.78         | 1387.3 | 8672     | -1387.3 |                  |               |       |        |        |        | 13245  | 61040  |        |
| 67212.00 | 0.00   | 0.0   | 70.43         | 1590.8 | 8672     | -1590.8 |                  |               |       |        |        |        | 13245  | 62631  |        |
| 67232.00 | 0.00   | 0.0   | 27.39         | 963.4  | 8672     | -963.4  |                  |               |       |        |        |        | 13245  | 63595  |        |
| 67252.00 | 4.47   | 45.6  | 6.77          | 343.4  | 8714     | -302.8  |                  |               |       |        |        |        | 13291  | 63943  |        |
| 67272.00 | 13.29  | 177.6 | -0.00         | 67.7   | 8786     | 109.9   |                  |               |       |        |        |        | 13469  | 64011  |        |
| 67293.00 | 15.36  | 309.8 | -0.00         | -0.0   | 8786     | 309.8   |                  |               |       |        |        |        | 13778  | 64011  |        |
| 67313.00 | 17.76  | 332.7 | -0.00         | -0.0   | 8786     | 332.7   |                  |               |       |        |        |        | 14111  | 64011  |        |
| 67334.00 | 3.48   | 223.0 | 8.24          | 86.5   | 8872     | 136.5   |                  |               |       |        |        |        | 14334  | 64097  |        |
| 67354.00 | 0.00   | 34.8  | 28.98         | 372.2  | 8907     | -337.4  |                  |               |       |        |        |        | 14369  | 64470  |        |
| 67374.00 | 0.00   | 0.0   | 37.80         | 667.8  | 8907     | -667.8  |                  |               |       |        |        |        | 14369  | 65137  |        |
| 67393.30 | 0.8    | .8    | 23.87         | 585.1  | 8908     | -594.3  |                  |               |       |        |        |        | 14370  | 65732  |        |
| 67414.00 | 0.00   | .8    | 20.95         | 463.9  | 8908     | -463.1  |                  |               |       |        |        |        | 14370  | 66196  |        |
| 67434.00 | 0.00   | 0.0   | 17.56         | 385.1  | 8908     | -385.1  |                  |               |       |        |        |        | 14370  | 66581  |        |

TABLEAU. 3  
 DEPARTEMENT RWA  
 CALCUL DE TERRASSEMENTS  
 ROUTE KI-  
 PAGE NO 160  
 DATE 16/04/75

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 SURFACES  
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| PK       | ASSIETTE TOTALE | REMBLAIS | DEBLAIS | TALUS | DEBLAIS | SURFACES | SURFACES | SURFACES | ELEM  | CUMULEE | ELEM | CUMULEE | LONGUEUR | FOSSE |
|----------|-----------------|----------|---------|-------|---------|----------|----------|----------|-------|---------|------|---------|----------|-------|
|          |                 |          |         |       |         |          |          |          |       |         |      |         |          |       |
| 65654.00 | 72              | 14673    | 127     | 19182 | 23      | 5474     | 56       | 4830     | 14.01 | 3051    |      |         |          |       |
| 66690.00 | 189             | 14862    | 179     | 19367 | 56      | 5530     | 51       | 4841     | 26.03 | 3077    |      |         |          |       |
| 66710.00 | 171             | 15033    | 95      | 19462 | 52      | 5582     | 9        | 4890     | 20.02 | 3097    |      |         |          |       |
| 66722.50 | 142             | 15175    | 93      | 19556 | 49      | 5630     | 31       | 4922     | 19.52 | 3116    |      |         |          |       |
| 66749.50 | 119             | 15294    | 104     | 19650 | 45      | 5675     | 45       | 4956     | 20.02 | 3136    |      |         |          |       |
| 66769.00 | 90              | 15384    | 115     | 19776 | 31      | 5705     | 34       | 5000     | 19.50 | 3156    |      |         |          |       |
| 66783.50 | 268             | 15652    | 107     | 19822 | 236     | 5941     | 31       | 5031     | 19.50 | 3175    |      |         |          |       |
| 66807.20 | 272             | 15824    | 91      | 19973 | 229     | 6171     | 29       | 5059     | 16.70 | 3194    |      |         |          |       |
| 66827.80 | 94              | 16014    | 137     | 20110 | 32      | 6203     | 25       | 5084     | 20.60 | 3215    |      |         |          |       |
| 66867.50 | 32              | 16050    | 224     | 20334 | 2       | 6206     | 36       | 5120     | 36.86 | 3251    |      |         |          |       |
| 66887.50 | 0               | 16050    | 277     | 20612 | 0       | 6206     | 69       | 5139     | 40.00 | 3291    |      |         |          |       |
| 66897.50 | 0               | 16050    | 278     | 20890 | 0       | 6206     | 73       | 5222     | 40.00 | 3331    |      |         |          |       |
| 66904.00 | 60              | 16130    | 136     | 21026 | 6       | 6211     | 38       | 5301     | 26.78 | 3358    |      |         |          |       |
| 66929.00 | 150             | 16290    | 104     | 21130 | 31      | 6242     | 19       | 5320     | 21.00 | 3379    |      |         |          |       |
| 66950.00 | 121             | 16410    | 133     | 21263 | 31      | 6273     | 39       | 5350     | 21.00 | 3400    |      |         |          |       |
| 66973.00 | 117             | 16528    | 145     | 21408 | 37      | 6309     | 32       | 5391     | 20.00 | 3420    |      |         |          |       |
| 66990.00 | 119             | 16646    | 152     | 21560 | 43      | 6358     | 25       | 5416     | 20.00 | 3440    |      |         |          |       |
| 67010.00 | 118             | 16765    | 140     | 21700 | 49      | 6407     | 39       | 5484     | 20.00 | 3460    |      |         |          |       |
| 67030.00 | 120             | 16893    | 127     | 21826 | 48      | 6455     | 30       | 5484     | 20.00 | 3480    |      |         |          |       |
| 67051.00 | 130             | 17023    | 125     | 21951 | 37      | 6492     | 23       | 5506     | 21.01 | 3501    |      |         |          |       |
| 67071.00 | 56              | 17082    | 195     | 22147 | 4       | 6496     | 36       | 5542     | 33.12 | 3534    |      |         |          |       |
| 67091.00 | 58              | 17139    | 213     | 22360 | 4       | 6500     | 37       | 5579     | 32.83 | 3567    |      |         |          |       |
| 67111.00 | 122             | 17261    | 154     | 22513 | 32      | 6533     | 34       | 5613     | 20.01 | 3587    |      |         |          |       |
| 67131.00 | 157             | 17418    | 159     | 22672 | 79      | 6611     | 42       | 5655     | 20.00 | 3607    |      |         |          |       |
| 67151.30 | 151             | 17569    | 172     | 22844 | 76      | 6687     | 75       | 5730     | 20.30 | 3628    |      |         |          |       |
| 67172.00 | 58              | 17627    | 240     | 23053 | 10      | 6698     | 111      | 5842     | 28.55 | 3656    |      |         |          |       |
| 67192.00 | 0               | 17627    | 288     | 23371 | 0       | 6698     | 122      | 5963     | 40.00 | 3695    |      |         |          |       |
| 67212.50 | 0               | 17627    | 295     | 23656 | 0       | 6698     | 125      | 6088     | 41.00 | 3737    |      |         |          |       |
| 67232.20 | 0               | 17627    | 260     | 23926 | 0       | 6698     | 81       | 6170     | 39.40 | 3777    |      |         |          |       |
| 67252.00 | 82              | 17710    | 175     | 24102 | 15      | 6713     | 45       | 6215     | 34.23 | 3811    |      |         |          |       |
| 67272.60 | 201             | 17911    | 51      | 24153 | 95      | 6808     | 22       | 6237     | 18.79 | 3830    |      |         |          |       |
| 67293.50 | 255             | 18166    | 0       | 24153 | 113     | 6920     | 0        | 6237     | 0.00  | 3830    |      |         |          |       |
| 67313.00 | 254             | 18422    | 0       | 24153 | 126     | 7046     | 0        | 6237     | 0.00  | 3830    |      |         |          |       |
| 67336.00 | 200             | 18422    | 59      | 24212 | 86      | 7132     | 22       | 6259     | 16.42 | 3846    |      |         |          |       |
| 67354.00 | 52              | 18674    | 179     | 24302 | 9       | 7141     | 57       | 6316     | 29.74 | 3876    |      |         |          |       |
| 67374.00 | 0               | 18674    | 258     | 24650 | 0       | 7141     | 51       | 6367     | 40.00 | 3916    |      |         |          |       |
| 67393.30 | 6               | 18680    | 254     | 24903 | 4       | 7145     | 24       | 6391     | 38.60 | 3954    |      |         |          |       |
| 67414.00 | 6               | 18686    | 257     | 25160 | 5       | 7149     | 31       | 6422     | 41.41 | 3996    |      |         |          |       |
| 67434.00 | 0               | 18686    | 240     | 25390 | 0       | 7149     | 39       | 6462     | 40.01 | 4036    |      |         |          |       |

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Table with columns: PK, TALUS ET ELEMENTS DE GAUCHE, COIE D'ENTREE, TALUS ET ELEMENTS DE DROITE, LARG., HAUT., LIM. D'ASSIETTE, LIM. PLATEFORME, PROJETS, VELOCITE, LEE, SUR L'AXE, ABS, COTE, ABS, COTE, ABS, COTE, ABS, COTE. The table contains numerical data for various engineering parameters along a route.

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CURATURES

| PK       | RELAIS | SURF VOL.ELEM | SURF  | VOL.ELEM | DELAIS | TERRASSEMENTS | UTILIS. NON UTIL | DE     | MEME | ABSC 1  | ABSC 2 | VOLUME  | CUMULE | DELAIS |
|----------|--------|---------------|-------|----------|--------|---------------|------------------|--------|------|---------|--------|---------|--------|--------|
|          |        |               |       |          |        |               | DANS LE PROFIL   | NATURE |      |         |        |         |        |        |
|          |        |               |       |          |        |               |                  | -D     | +R   |         |        |         |        |        |
| 67454.30 | 4.38   | 44.5          | 5.40  | 233.0    | 8953   | -188.5        |                  |        |      |         |        | 14415   | 66814  |        |
| 67475.50 | 5.34   | 103.1         | 5.35  | 114.0    | 9055   | -10.9         |                  | -2647  |      | -53.65  |        | 14518   | 66928  |        |
| 67497.50 | 3.72   | 99.7          | 2.32  | 84.4     | 9140   | 15.3          |                  | 15     |      | -11.00  |        | 14518   | 67013  |        |
| 67518.00 | .61    | 44.3          | 7.09  | 96.4     | 9185   | -52.1         |                  |        |      |         |        | 14562   | 67109  |        |
| 67537.20 | 1.21   | 17.5          | 5.61  | 121.9    | 9202   | -104.4        |                  |        |      |         |        | 14560   | 67231  |        |
| 67557.20 | 2.76   | 41.0          | 3.89  | 97.9     | 9243   | -56.8         |                  |        |      |         |        | 14721   | 67329  |        |
| 67578.20 | 1.54   | 43.9          | 3.08  | 71.1     | 9243   | -27.2         |                  |        |      |         |        | 14764   | 67400  |        |
| 67598.20 | 3.26   | 48.0          | 2.23  | 53.1     | 9335   | -5.1          |                  | -246   |      | -36.23  |        | 14812   | 67453  |        |
| 67618.30 | 1.92   | 53.4          | 2.17  | 45.3     | 9390   | 8.1           |                  |        |      |         |        | 14866   | 67498  |        |
| 67639.00 | 3.44   | 54.2          | 1.30  | 35.9     | 9416   | 18.3          |                  | 26     |      | -24.42  |        | 14920   | 67534  |        |
| 67659.70 | .96    | 43.4          | 4.16  | 54.6     | 9416   | -11.2         |                  |        |      |         |        | 14963   | 67589  |        |
| 67679.20 | 0.00   | 9.4           | 13.87 | 175.8    | 9469   | -166.4        |                  |        |      |         |        | 14973   | 67765  |        |
| 67699.20 | 0.00   | 0.0           | 29.65 | 450.4    | 9469   | -450.4        |                  |        |      |         |        | 14973   | 68215  |        |
| 67719.20 | 0.00   | 0.0           | 53.69 | 835.4    | 9469   | -835.4        |                  |        |      |         |        | 14973   | 69051  |        |
| 67739.20 | 0.00   | 0.0           | 73.41 | 1271.0   | 9469   | -1271.0       |                  |        |      |         |        | 14973   | 70322  |        |
| 67759.00 | 0.00   | 0.0           | 86.31 | 1613.2   | 9469   | -1613.2       |                  |        |      |         |        | 14973   | 71935  |        |
| 67779.00 | 0.00   | 0.0           | 97.55 | 1838.6   | 9469   | -1838.6       |                  |        |      |         |        | 14973   | 73773  |        |
| 67799.00 | 0.00   | 0.0           | 43.64 | 1411.9   | 9469   | -1411.9       |                  |        |      |         |        | 14973   | 75185  |        |
| 67819.15 | 0.00   | 0.0           | 43.52 | 872.1    | 9469   | -878.1        |                  |        |      |         |        | 14973   | 76063  |        |
| 67840.00 | 0.00   | 0.0           | 78.97 | 1307.5   | 9469   | -1307.5       |                  |        |      |         |        | 14973   | 77371  |        |
| 67861.50 | 0.00   | 0.0           | 38.89 | 1355.3   | 9469   | -1355.3       |                  |        |      |         |        | 14973   | 78726  |        |
| 67881.50 | 7.69   | 16.5          | -0.00 | 422.0    | 9486   | -405.5        |                  | -11549 |      | -139.61 |        | 1110.80 | 79148  |        |
| 67901.80 | 6.80   | 125.1         | -0.00 | -0.0     | 9486   | 126.1         |                  |        |      |         |        | 15115   | 79148  |        |
| 67921.50 | 3.34   | 203.0         | -0.00 | -0.0     | 9486   | 203.0         |                  |        |      |         |        | 15318   | 79148  |        |
| 67941.80 | 8.84   | 245.3         | -0.00 | -0.0     | 9486   | 245.3         |                  |        |      |         |        | 15564   | 79148  |        |
| 68007.00 | 6.85   | 315.2         | -0.00 | -0.0     | 9486   | 315.2         |                  |        |      |         |        | 15379   | 79148  |        |
| 68067.20 | 10.79  | 345.7         | -0.00 | -0.0     | 9486   | 345.7         |                  |        |      |         |        | 16225   | 79148  |        |
| 68105.50 | 3.48   | 287.5         | -0.00 | -0.0     | 9486   | 287.5         |                  |        |      |         |        | 16312   | 79148  |        |
| 68147.00 | 7.83   | 229.1         | -0.00 | -0.0     | 9486   | 229.1         |                  |        |      |         |        | 16741   | 79148  |        |
| 68187.00 | 3.36   | 223.8         | -0.00 | -0.0     | 9486   | 223.8         |                  |        |      |         |        | 15965   | 79148  |        |
| 68224.50 | 6.52   | 195.0         | -0.00 | -0.0     | 9486   | 195.0         |                  |        |      |         |        | 17160   | 79148  |        |
| 68246.00 | 10.38  | 164.7         | -0.00 | -0.0     | 9486   | 164.7         |                  |        |      |         |        | 17325   | 79148  |        |
| 68266.00 | 6.14   | 165.1         | 9.90  | 99.0     | 9595   | 66.1          |                  |        |      |         |        | 17490   | 79247  |        |
| 68290.00 | 0.00   | 43.0          | 37.78 | 333.7    | 9628   | -290.8        |                  | 2402   |      | -181.19 |        | 17533   | 79581  |        |
| 68303.00 | 0.00   | 0.0           | 24.70 | 718.5    | 9628   | -718.5        |                  |        |      |         |        | 17533   | 80299  |        |
| 68341.00 | 0.00   | 0.0           | 63.93 | 1683.9   | 9628   | -1683.9       |                  |        |      |         |        | 17533   | 81983  |        |
| 68362.00 | 0.00   | 0.0           | 63.09 | 1333.7   | 9628   | -1333.7       |                  |        |      |         |        | 17533   | 83317  |        |
| 68383.00 | 0.00   | 0.0           | 39.04 | 1072.4   | 9628   | -1072.4       |                  |        |      |         |        | 17533   | 84389  |        |
| 68404.00 | .26    | 2.8           | 4.58  | 458.0    | 9630   | -455.2        |                  |        |      |         |        | 17536   | 84847  |        |



| PK        | ASSIETTE TOTALE | REMBLAIS | TALUS    | LONGUEUR | FOSSE   |
|-----------|-----------------|----------|----------|----------|---------|
| ELEM      | SURFACES        | DERLAIS  | REMPLAIS | DERLAIS  | CUMULEE |
| ELEM      | SURFACES        | DERLAIS  | SURFACES | SURFACES | ELEMENT |
| ELEM      | SURFACES        | DERLAIS  | ELEM     | SURFACES | CUMULEE |
| 67454.30* | 90              | 18777    | 25564*   | 7171     | 6498*   |
| 67475.50* | 162             | 18939    | 25666*   | 7251     | 6542*   |
| 67497.50* | 150             | 19089    | 25776*   | 7320     | 6576*   |
| 67518.00* | 104             | 19193    | 25905*   | 7375     | 6608*   |
| 67537.20* | 73              | 19266    | 26041*   | 7413     | 6645*   |
| 67557.80* | 113             | 19380    | 26157*   | 7461     | 6677*   |
| 67578.20* | 118             | 19498    | 26272*   | 7517     | 6703*   |
| 67598.20* | 123             | 19620    | 26382*   | 7578     | 6729*   |
| 67618.80* | 129             | 19749    | 26490*   | 7637     | 6753*   |
| 67639.00* | 129             | 19877    | 26589*   | 7691     | 6768*   |
| 67658.70* | 114             | 19991    | 26696*   | 7741     | 6789*   |
| 67678.20* | 43              | 20034    | 26864*   | 7746     | 6833*   |
| 67698.80* | 0               | 20034    | 27100*   | 7746     | 6900*   |
| 67718.80* | 0               | 20034    | 27361*   | 7746     | 6966*   |
| 67738.80* | 0               | 20034    | 27652*   | 7746     | 7040*   |
| 67759.00* | 0               | 20034    | 27962*   | 7746     | 7137*   |
| 67779.00* | 0               | 20034    | 28274*   | 7746     | 7268*   |
| 67799.00* | 0               | 20034    | 28557*   | 7746     | 7372*   |
| 67819.15* | 0               | 20034    | 28829*   | 7746     | 7467*   |
| 67840.50* | 0               | 20034    | 29147*   | 7746     | 7652*   |
| 67863.50* | 0               | 20034    | 29493*   | 7746     | 7809*   |
| 67889.50* | 15              | 20049    | 29769*   | 7748     | 7846*   |
| 67906.80* | 193             | 20242    | 29769*   | 7796     | 7846*   |
| 67946.50* | 435             | 20678    | 29769*   | 7898     | 7846*   |
| 67986.80* | 416             | 21094    | 29769*   | 7974     | 7846*   |
| 68027.00* | 497             | 21590    | 29769*   | 8134     | 7846*   |
| 68066.20* | 482             | 22072    | 29769*   | 8288     | 7846*   |
| 68106.50* | 414             | 22486    | 29769*   | 8362     | 7846*   |
| 68147.00* | 418             | 22905    | 29769*   | 8439     | 7846*   |
| 68187.00* | 411             | 23315    | 29769*   | 8512     | 7846*   |
| 68226.50* | 409             | 23725    | 29769*   | 8588     | 7846*   |
| 68246.00* | 241             | 23965    | 29769*   | 8666     | 7846*   |
| 68266.00* | 219             | 24185    | 29840*   | 8666     | 7846*   |
| 68280.00* | 59              | 24244    | 29987*   | 8759     | 7852*   |
| 68303.00* | 0               | 24244    | 30302*   | 8774     | 7880*   |
| 68341.00* | 0               | 24244    | 30825*   | 8774     | 7937*   |
| 68362.00* | 0               | 24244    | 31131*   | 8774     | 8043*   |
| 68383.00* | 0               | 24244    | 31421*   | 8774     | 8109*   |
| 68404.00* | 28              | 24272    | 31630*   | 8775     | 8173*   |
|           |                 |          |          |          | 8231*   |
|           |                 |          |          |          | 15.61   |
|           |                 |          |          |          | 22.96   |
|           |                 |          |          |          | 46.08   |
|           |                 |          |          |          | 76.06   |
|           |                 |          |          |          | 42.01   |
|           |                 |          |          |          | 42.00   |
|           |                 |          |          |          | 40.99   |

DONNEES GEOMETRIQUES

| PK       | TALUS ET ELEMENTS DE GAUCHE | ARSC    | COTE  | ABSC    | COTE    | LEE   | SUR L AXE | ASSC    | COTE  | TALUS ET ELEMENTS DE DROITE | ASSC  | COTE  | LARG. |
|----------|-----------------------------|---------|-------|---------|---------|-------|-----------|---------|-------|-----------------------------|-------|-------|-------|
| 68424.00 | -5.39                       | 1827.11 | -3.75 | 1827.73 | 1827.94 | 2.97  | 3.75      | 1827.73 | 10.72 | 1823.56                     | 4.18  | 16.11 |       |
| 68445.00 | -6.12                       | 1826.69 | -3.75 | 1827.80 | 1827.91 | 1.92  | 3.75      | 1827.80 | 9.30  | 1824.58                     | 3.23  | 15.42 |       |
| 68455.00 | -5.32                       | 1827.31 | -3.75 | 1827.68 | 1827.99 | 1.30  | 3.75      | 1827.88 | 6.67  | 1826.41                     | 1.48  | 11.99 |       |
| 68465.00 | -5.18                       | 1827.48 | -3.75 | 1827.06 | 1828.07 | 1.18  | 3.75      | 1827.96 | 7.13  | 1826.18                     | 1.74  | 12.32 |       |
| 68497.00 | -4.99                       | 1827.69 | -3.75 | 1827.04 | 1828.15 | .91   | 3.75      | 1828.04 | 6.45  | 1826.71                     | 1.33  | 11.44 |       |
| 68507.00 | -1.36                       | 1829.48 | -3.75 | 1826.12 | 1828.23 | -.66  | 3.75      | 1828.04 | 5.05  | 1822.36                     | -.24  | 10.32 |       |
| 68573.00 | -6.90                       | 1832.73 | -3.75 | 1828.20 | 1828.31 | -3.98 | 3.75      | 1828.20 | 6.40  | 1831.20                     | -3.00 | 13.36 |       |
| 68583.00 | -6.79                       | 1832.17 | -3.75 | 1828.23 | 1828.34 | -2.80 | 3.75      | 1828.23 | 5.49  | 1830.66                     | -2.43 | 12.27 |       |
| 68593.00 | -5.56                       | 1830.95 | -3.75 | 1828.13 | 1829.24 | -2.25 | 3.75      | 1828.13 | 5.41  | 1830.21                     | -2.07 | 10.98 |       |
| 68598.00 | -5.04                       | 1829.04 | -3.75 | 1827.52 | 1827.93 | .49   | 3.75      | 1827.82 | 8.99  | 1824.80                     | 3.02  | 14.04 |       |
| 68572.00 | -4.46                       | 1828.13 | -3.75 | 1827.67 | 1827.78 | 2.54  | 3.75      | 1827.67 | 10.53 | 1823.62                     | 4.05  | 15.63 |       |
| 68572.27 | -1.53                       | 1829.07 | -3.75 | 1827.54 | 1827.65 | -.14  | 3.75      | 1827.54 | 8.56  | 1824.81                     | 2.73  | 13.86 |       |
| 68714.92 | -11.63                      | 1833.04 | -3.75 | 1827.40 | 1827.51 | -8.70 | 3.75      | 1827.40 | 8.31  | 1833.04                     | -6.53 | 17.63 |       |
| 68737.90 | -11.94                      | 1839.20 | -3.75 | 1827.25 | 1827.36 | -7.74 | 3.75      | 1827.25 | 7.18  | 1833.17                     | -5.91 | 16.57 |       |
| 68760.90 | -7.08                       | 1834.19 | -3.75 | 1827.11 | 1827.22 | 1.31  | 3.75      | 1827.11 | 6.48  | 1825.93                     | 1.48  | 15.10 |       |
| 68794.20 | -7.84                       | 1834.80 | -3.75 | 1826.96 | 1827.07 | -.52  | 3.75      | 1826.96 | 7.50  | 1826.94                     | 2.03  | 16.07 |       |
| 68805.20 | -8.27                       | 1835.09 | -3.75 | 1826.82 | 1826.93 | .94   | 3.75      | 1826.82 | 5.46  | 1825.62                     | 1.00  | 14.41 |       |
| 68840.20 | -2.40                       | 1828.96 | -3.75 | 1826.56 | 1826.67 | -.80  | 3.75      | 1826.56 | 6.58  | 1825.15                     | 1.42  | 12.86 |       |
| 68854.50 | -.54                        | 1826.48 | -3.75 | 1826.43 | 1826.54 | 1.37  | 3.75      | 1826.43 | 7.10  | 1824.67                     | 1.76  | 12.21 |       |
| 68859.70 | -.66                        | 1825.97 | -3.75 | 1826.31 | 1826.42 | -.45  | 3.75      | 1826.31 | 6.42  | 1825.01                     | 1.31  | 11.55 |       |
| 68909.80 | -1.41                       | 1827.68 | -3.75 | 1826.27 | 1826.38 | -.45  | 3.75      | 1826.27 | 6.49  | 1824.92                     | 1.35  | 11.77 |       |
| 68930.20 | -.82                        | 1827.16 | -3.75 | 1826.34 | 1826.45 | -.17  | 3.75      | 1826.34 | 6.87  | 1824.74                     | 1.61  | 12.03 |       |
| 68930.00 | -.97                        | 1827.47 | -3.75 | 1826.50 | 1826.61 | 1.52  | 3.75      | 1826.50 | 8.44  | 1823.95                     | 2.66  | 13.44 |       |
| 68939.80 | -2.45                       | 1829.23 | -3.75 | 1826.77 | 1826.88 | -.56  | 3.75      | 1826.77 | 7.48  | 1824.76                     | 2.01  | 12.87 |       |
| 68944.20 | -1.11                       | 1829.22 | -3.75 | 1827.10 | 1827.21 | -1.73 | 3.75      | 1827.10 | 13.02 | 1821.40                     | 5.71  | 18.24 |       |
| 69009.20 | -6.85                       | 1834.34 | -3.75 | 1827.48 | 1827.59 | -2.95 | 3.75      | 1827.48 | 8.74  | 1824.63                     | 2.86  | 17.12 |       |
| 69031.20 | 8.61                        | 1819.26 | -3.75 | 1827.87 | 1827.98 | -1.81 | 3.75      | 1827.87 | 8.56  | 1825.14                     | 2.73  | 25.93 |       |
| 69051.70 | -9.06                       | 1837.32 | -3.75 | 1828.26 | 1828.37 | -3.37 | 3.75      | 1828.26 | 4.52  | 1828.26                     | 0.00  | 13.34 |       |
| 69072.80 | -9.57                       | 1838.22 | -3.75 | 1828.64 | 1828.75 | -4.24 | 3.75      | 1828.64 | 5.07  | 1829.01                     | -.37  | 13.99 |       |
| 69084.20 | -4.90                       | 1838.95 | -3.75 | 1829.04 | 1829.15 | -1.19 | 3.75      | 1829.04 | 8.74  | 1826.19                     | 2.86  | 15.73 |       |
| 69114.90 | -2.25                       | 1831.67 | -3.75 | 1829.41 | 1829.52 | .83   | 3.75      | 1829.41 | 14.43 | 1822.77                     | 6.65  | 19.88 |       |
| 69135.30 | -2.10                       | 1831.89 | -3.75 | 1829.79 | 1829.90 | .12   | 3.75      | 1829.79 | 12.33 | 1824.54                     | 5.25  | 17.75 |       |
| 69156.30 | -4.78                       | 1836.90 | -3.75 | 1830.12 | 1830.23 | -2.16 | 3.75      | 1830.12 | 3.87  | 1830.12                     | 0.00  | 12.23 |       |
| 69176.00 | -6.92                       | 1837.11 | -3.75 | 1830.16 | 1830.29 | -1.75 | 3.75      | 1830.16 | 5.11  | 1830.71                     | -.53  | 13.49 |       |
| 69196.00 | -7.31                       | 1837.30 | -3.75 | 1829.98 | 1830.09 | -3.10 | 3.75      | 1829.98 | 5.33  | 1831.63                     | -1.65 | 13.79 |       |
| 69218.60 | -8.59                       | 1836.02 | -3.75 | 1829.43 | 1829.54 | -3.56 | 3.75      | 1829.43 | 5.24  | 1830.63                     | -1.20 | 13.96 |       |
| 69241.20 | -8.16                       | 1836.72 | -3.75 | 1828.55 | 1828.66 | -3.88 | 3.75      | 1828.55 | 5.24  | 1829.77                     | -1.22 | 13.88 |       |
| 69262.80 | -7.12                       | 1834.51 | -3.75 | 1827.38 | 1827.49 | -3.70 | 3.75      | 1827.38 | 4.52  | 1827.38                     | 0.00  | 12.95 |       |
| 69283.10 | -6.30                       | 1832.49 | -3.75 | 1826.19 | 1826.30 | 1.21  | 3.75      | 1826.19 | 9.68  | 1822.71                     | 3.49  | 17.94 |       |

| PK       | PENLAI | DEBLAIS | TERRASSEMENTS            | SOMME CENT DE GRAVITE | VOLUME CUVULE | SURF    | VOL.ELEM   | SURF   | VOL.ELEM   | SCUMULE   | ELEMENTAIRE   | NATURE   | MEME   | ABSC 1   | ABSC 2   | REMLAI   | DEBLAI   |
|----------|--------|---------|--------------------------|-----------------------|---------------|---------|------------|--------|------------|-----------|---------------|----------|--------|----------|----------|----------|----------|
| *        | *      | *       | * UTILIS. DANS LE PROFIL | * TERRASS.            | * VOLUME      | *       | * VOL.ELEM | * SURF | * VOL.ELEM | * SCUMULE | * ELEMENTAIRE | * NATURE | * MEME | * ABSC 1 | * ABSC 2 | * REMLAI | * DEBLAI |
| *        | *      | *       | *                        | *                     | *             | *       | *          | *      | *          | * -D      | * +R          | *        | *      | *        | *        | *        | *        |
| 68424.00 | 28.54  | 288.0   | -0.00                    | 45.8                  | 9676          | 242.2   | 242.2      | 0.00   | 9676       | 0.00      | 0.00          | *        | *      | *        | *        | 17824    | 84993    |
| 68445.00 | 25.73  | 569.8   | -0.00                    | -0.0                  | 9676          | 569.8   | 569.8      | -0.00  | 9676       | 0.00      | 0.00          | *        | *      | *        | *        | 18393    | 84893    |
| 68465.00 | 13.06  | 387.9   | -0.00                    | -0.0                  | 9676          | 387.9   | 387.9      | -0.00  | 9676       | 0.00      | 0.00          | *        | *      | *        | *        | 18791    | 84893    |
| 68486.50 | 11.93  | 268.6   | -0.00                    | -0.0                  | 9676          | 268.6   | 268.6      | -0.00  | 9676       | 0.00      | 0.00          | *        | *      | *        | *        | 19050    | 84893    |
| 68507.00 | 8.64   | 210.8   | -0.00                    | -0.0                  | 9676          | 210.8   | 210.8      | -0.00  | 9676       | 0.00      | 0.00          | *        | *      | *        | *        | 19251    | 84893    |
| 68528.00 | 0.00   | 50.6    | 6.85                     | 31.8                  | 9708          | 18.8    | 18.8       | 6.85   | 9708       | 1698      | -47.43        | 76.57    | 1698   | -47.43   | 76.57    | 19311    | 84825    |
| 68549.50 | 0.00   | 0.0     | 44.25                    | 549.3                 | 9708          | -549.3  | -549.3     | 44.25  | 9708       | 0.00      | 0.00          | *        | *      | *        | *        | 19311    | 85474    |
| 68573.00 | 0.00   | 0.0     | 32.34                    | 890.9                 | 9708          | -899.9  | -899.9     | 32.34  | 9708       | 0.00      | 0.00          | *        | *      | *        | *        | 19311    | 86374    |
| 68599.00 | 0.00   | 0.0     | 24.23                    | 735.4                 | 9708          | -735.4  | -735.4     | 24.23  | 9708       | 0.00      | 0.00          | *        | *      | *        | *        | 19311    | 87110    |
| 68643.00 | 9.09   | 222.7   | .25                      | 599.7                 | 9531          | -377.0  | -377.0     | .25    | 9531       | -2562     | -44.69        | 75.31    | -2562  | -44.69   | 75.31    | 19534    | 87709    |
| 68672.00 | 21.75  | 370.0   | .48                      | 8.8                   | 9939          | 361.3   | 361.3      | .48    | 9939       | 655       | -21.93        | 22.34    | 655    | -21.93   | 22.34    | 19904    | 87718    |
| 68692.27 | 12.01  | 342.2   | 4.31                     | 44.5                  | 9998          | 293.7   | 293.7      | 4.31   | 9998       | 0.00      | 0.00          | *        | *      | *        | *        | 20246    | 87786    |
| 68714.00 | 0.00   | 135.9   | 123.13                   | 1441.9                | 10124         | -1306.0 | -1306.0    | 123.13 | 10124      | 0.00      | 0.00          | *        | *      | *        | *        | 20362    | 88208    |
| 68737.00 | 0.00   | 0.0     | 114.51                   | 2721.0                | 10124         | -2721.0 | -2721.0    | 114.51 | 10124      | 0.00      | 0.00          | *        | *      | *        | *        | 20382    | 91929    |
| 68760.00 | 2.88   | 102.2   | 18.69                    | 1531.9                | 10226         | -1429.7 | -1429.7    | 18.69  | 10226      | 0.00      | 0.00          | *        | *      | *        | *        | 20484    | 93461    |
| 68784.50 | 5.04   | 165.0   | 24.68                    | 514.0                 | 10391         | -349.0  | -349.0     | 24.68  | 10391      | 0.00      | 0.00          | *        | *      | *        | *        | 20649    | 93975    |
| 68806.20 | 5.07   | 109.7   | 26.76                    | 558.1                 | 10501         | -448.4  | -448.4     | 26.76  | 10501      | 0.00      | 0.00          | *        | *      | *        | *        | 20759    | 94533    |
| 68848.20 | 3.81   | 186.4   | 8.71                     | 744.8                 | 10687         | -558.4  | -558.4     | 8.71   | 10687      | -6812     | -49.71        | 106.22   | -6812  | -49.71   | 106.22   | 20945    | 95278    |
| 68868.90 | 9.92   | 142.1   | 1.45                     | 105.1                 | 10792         | 37.0    | 37.0       | 1.45   | 10792      | 0.00      | 0.00          | *        | *      | *        | *        | 21087    | 95383    |
| 68889.70 | 6.73   | 173.1   | 2.94                     | 45.6                  | 10838         | 127.5   | 127.5      | 2.94   | 10838      | 0.00      | 0.00          | *        | *      | *        | *        | 21261    | 95429    |
| 68909.80 | 3.04   | 98.2    | 5.29                     | 82.7                  | 10920         | 15.5    | 15.5       | 5.29   | 10920      | 0.00      | 0.00          | *        | *      | *        | *        | 21359    | 95512    |
| 68930.20 | 7.49   | 107.3   | 2.64                     | 60.9                  | 11001         | 26.5    | 26.5       | 2.64   | 11001      | 0.00      | 0.00          | *        | *      | *        | *        | 21466    | 95592    |
| 68950.00 | 15.27  | 225.2   | 2.28                     | 48.7                  | 11050         | 176.5   | 176.5      | 2.28   | 11050      | 0.00      | 0.00          | *        | *      | *        | *        | 21691    | 95541    |
| 68968.90 | 7.14   | 221.8   | 8.17                     | 103.5                 | 11154         | 118.3   | 118.3      | 8.17   | 11154      | 0.00      | 0.00          | *        | *      | *        | *        | 21913    | 95745    |
| 68988.20 | 9.95   | 157.2   | 9.39                     | 161.5                 | 11311         | -4.4    | -4.4       | 9.39   | 11311      | 0.00      | 0.00          | *        | *      | *        | *        | 22070    | 95906    |
| 69009.20 | 9.64   | 205.7   | 31.94                    | 433.9                 | 11516         | -228.2  | -228.2     | 31.94  | 11516      | -233      | -28.53        | 10.87    | -233   | -28.53   | 10.87    | 22276    | 96340    |
| 69030.20 | 79.71  | 938.2   | 7.23                     | 411.2                 | 11928         | 526.9   | 526.9      | 7.23   | 11928      | 0.00      | 0.00          | *        | *      | *        | *        | 23214    | 96751    |
| 69051.70 | 0.00   | 856.8   | 46.12                    | 573.5                 | 12501         | 283.4   | 283.4      | 46.12  | 12501      | 810       | -17.93        | 24.57    | 810    | -17.93   | 24.57    | 24071    | 97325    |
| 69072.80 | 0.00   | 0.0     | 55.49                    | 1071.9                | 12501         | -1071.9 | -1071.9    | 55.49  | 12501      | -1775     | -18.96        | 23.54    | -1775  | -18.96   | 23.54    | 24071    | 98397    |
| 69094.20 | 7.43   | 79.5    | 17.63                    | 788.3                 | 12581         | -702.8  | -702.8     | 17.63  | 12581      | 668       | -25.10        | 16.00    | 668    | -25.10   | 16.00    | 24151    | 99179    |
| 69114.90 | 30.83  | 395.0   | 2.40                     | 207.3                 | 12788         | 188.7   | 188.7      | 2.40   | 12788      | 0.00      | 0.00          | *        | *      | *        | *        | 24547    | 99386    |
| 69135.30 | 22.45  | 545.6   | 4.05                     | 65.9                  | 12854         | 479.7   | 479.7      | 4.05   | 12854      | 0.00      | 0.00          | *        | *      | *        | *        | 25092    | 99452    |
| 69156.30 | 0.00   | 237.9   | 29.19                    | 349.0                 | 13092         | -111.1  | -111.1     | 29.19  | 13092      | 0.00      | 0.00          | *        | *      | *        | *        | 25330    | 99401    |
| 69176.00 | 0.00   | 0.0     | 27.08                    | 554.2                 | 13092         | -554.2  | -554.2     | 27.08  | 13092      | 0.00      | 0.00          | *        | *      | *        | *        | 25330    | 100355   |
| 69195.00 | 0.00   | 0.0     | 40.85                    | 679.3                 | 13092         | -679.3  | -679.3     | 40.85  | 13092      | 0.00      | 0.00          | *        | *      | *        | *        | 25330    | 101035   |
| 69219.50 | 0.00   | 0.0     | 49.81                    | 1024.5                | 13092         | -1024.5 | -1024.5    | 49.81  | 13092      | 0.00      | 0.00          | *        | *      | *        | *        | 25330    | 102059   |
| 69241.20 | 0.00   | 0.0     | 52.09                    | 1151.5                | 13092         | -1151.5 | -1151.5    | 52.09  | 13092      | 0.00      | 0.00          | *        | *      | *        | *        | 25330    | 103211   |
| 69262.10 | 0.00   | 0.0     | 43.09                    | 1037.7                | 13092         | -1037.7 | -1037.7    | 43.09  | 13092      | 0.00      | 0.00          | *        | *      | *        | *        | 25330    | 104249   |
| 69283.10 | 9.61   | 97.6    | 20.25                    | 652.1                 | 13189         | -554.5  | -554.5     | 20.25  | 13189      | 0.00      | 0.00          | *        | *      | *        | *        | 25428    | 104901   |

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 SURFACES  
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| PK       | ASSIETTE TOTALE | REMBLAIS | SURFACES | FLEM * CUMULEE | ELEM * CUMULEE | SURFACES | REMBLAIS | TALUS | DEBLAIS | SURFACES | ELEM * CUMULEE | SURFACES | ELEM * CUMULEE | LONGUEUR FOSSE |
|----------|-----------------|----------|----------|----------------|----------------|----------|----------|-------|---------|----------|----------------|----------|----------------|----------------|
| 68424.00 | 188             | 24459    | 75       | 31705          | 101            | 8876     | 9        | 8240  | 11.79   | 5025     |                |          |                |                |
| 68445.00 | 331             | 24791    | 0        | 31705          | 202            | 9079     | 0        | 8240  | 0.00    | 5025     |                |          |                |                |
| 68465.00 | 274             | 25065    | 0        | 31705          | 143            | 9222     | 0        | 8240  | 0.00    | 5025     |                |          |                |                |
| 68485.50 | 261             | 25326    | 0        | 31705          | 114            | 9335     | 0        | 8240  | 0.00    | 5025     |                |          |                |                |
| 68507.00 | 243             | 25569    | 0        | 31705          | 102            | 9437     | 0        | 8240  | 0.00    | 5025     |                |          |                |                |
| 68528.00 | 108             | 25677    | 89       | 31794          | 28             | 9465     | 10       | 8251  | 20.12   | 5045     |                |          |                |                |
| 68549.50 | 0               | 25677    | 254      | 32048          | 0              | 9465     | 43       | 8293  | 43.00   | 5028     |                |          |                |                |
| 68573.00 | 0               | 25677    | 301      | 32344          | 0              | 9465     | 68       | 8361  | 47.00   | 5135     |                |          |                |                |
| 68599.00 | 0               | 25677    | 302      | 32651          | 0              | 9465     | 109      | 8471  | 52.00   | 5187     |                |          |                |                |
| 68648.00 | 290             | 25987    | 322      | 32973          | 40             | 9505     | 114      | 8564  | 85.00   | 5272     |                |          |                |                |
| 68672.00 | 308             | 26275    | 48       | 33021          | 170            | 9675     | 8        | 8593  | 24.00   | 5296     |                |          |                |                |
| 68692.27 | 223             | 26484    | 76       | 33097          | 138            | 9813     | 21       | 8513  | 20.27   | 5316     |                |          |                |                |
| 68714.50 | 93              | 26591    | 264      | 33361          | 16             | 9829     | 87       | 8700  | 39.52   | 5356     |                |          |                |                |
| 68737.40 | 0               | 26591    | 342      | 33763          | 0              | 9829     | 175      | 8976  | 45.30   | 5401     |                |          |                |                |
| 68760.50 | 92              | 26683    | 272      | 34025          | 7              | 9836     | 110      | 8936  | 41.90   | 5443     |                |          |                |                |
| 68784.50 | 181             | 26864    | 189      | 34213          | 92             | 9928     | 35       | 9021  | 23.70   | 5467     |                |          |                |                |
| 68806.20 | 148             | 27011    | 185      | 34398          | 74             | 10002    | 45       | 9067  | 21.70   | 5489     |                |          |                |                |
| 68848.20 | 220             | 27231    | 340      | 34734          | 121            | 10123    | 100      | 9157  | 42.00   | 5531     |                |          |                |                |
| 68866.00 | 132             | 27364    | 119      | 34857          | 74             | 10197    | 31       | 9188  | 20.70   | 5551     |                |          |                |                |
| 68889.70 | 154             | 27514    | 93       | 34959          | 72             | 10269    | 13       | 9211  | 20.20   | 5572     |                |          |                |                |
| 68909.20 | 106             | 27624    | 129      | 35079          | 62             | 10331    | 21       | 9232  | 20.10   | 5592     |                |          |                |                |
| 68930.20 | 109             | 27732    | 134      | 35213          | 69             | 10400    | 23       | 9255  | 20.40   | 5613     |                |          |                |                |
| 68950.00 | 154             | 27886    | 100      | 35313          | 90             | 10490    | 18       | 9273  | 19.80   | 5633     |                |          |                |                |
| 68969.80 | 153             | 28039    | 110      | 35423          | 97             | 10587    | 35       | 9307  | 19.80   | 5652     |                |          |                |                |
| 68989.20 | 160             | 28200    | 127      | 35550          | 141            | 10728    | 33       | 9341  | 18.40   | 5671     |                |          |                |                |
| 69009.20 | 187             | 28387    | 184      | 35734          | 177            | 10905    | 21       | 9362  | 21.00   | 5692     |                |          |                |                |
| 69030.20 | 319             | 28706    | 133      | 35847          | 144            | 11049    | 8        | 9370  | 18.08   | 5710     |                |          |                |                |
| 69051.70 | 113             | 28819    | 150      | 36017          | 60             | 11109    | 33       | 9402  | 27.02   | 5737     |                |          |                |                |
| 69072.80 | 0               | 28819    | 288      | 36305          | 0              | 11109    | 83       | 9486  | 42.21   | 5779     |                |          |                |                |
| 69094.20 | 69              | 28838    | 249      | 36554          | 32             | 11141    | 62       | 9548  | 31.85   | 5811     |                |          |                |                |
| 69114.50 | 246             | 29134    | 122      | 36676          | 192            | 11333    | 44       | 9591  | 20.70   | 5832     |                |          |                |                |
| 69135.30 | 306             | 29441    | 78       | 36754          | 233            | 11566    | 45       | 9637  | 20.40   | 5852     |                |          |                |                |
| 69156.30 | 133             | 29574    | 181      | 36938          | 104            | 11670    | 31       | 9668  | 21.45   | 5874     |                |          |                |                |
| 69176.30 | 0               | 29574    | 253      | 37160          | 0              | 11670    | 24       | 9691  | 39.40   | 5913     |                |          |                |                |
| 69196.30 | 0               | 29574    | 273      | 37461          | 0              | 11670    | 45       | 9736  | 40.00   | 5953     |                |          |                |                |
| 69218.20 | 0               | 29574    | 314      | 37775          | 0              | 11670    | 78       | 9814  | 45.21   | 5998     |                |          |                |                |
| 69241.20 | 0               | 29574    | 315      | 38090          | 0              | 11670    | 83       | 9846  | 49.23   | 6043     |                |          |                |                |
| 69262.30 | 0               | 29574    | 290      | 38370          | 0              | 11670    | 58       | 9954  | 43.26   | 6087     |                |          |                |                |
| 69283.10 | 112             | 29686    | 117      | 38486          | 32             | 11702    | 19       | 9974  | 23.94   | 6111     |                |          |                |                |

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TARLEAU. 1  
 DEPARTEMENT PWA  
 CALCUL DE TERRASSEMENTS  
 ROUTE KI-  
 DATE 16/04/75  
 PAGE NO 280

DONNEES GEOMETRIQUES

| PK       | TALUS ET ELEMENTS DE GAUCHE | ABSC   | COTE    | ABSC  | COTE    | SUR L AXE | LEE   | ASSC | COTE    | ASSC | COTE    | TALUS ET ELEMENTS DE DROITE | ASSC    | COTE  | ASSC  | COTE | LARG. |
|----------|-----------------------------|--------|---------|-------|---------|-----------|-------|------|---------|------|---------|-----------------------------|---------|-------|-------|------|-------|
| 69303.10 | -3.83                       | -5.77  | 1828.94 | -3.75 | 1825.11 | 1.21      | 1.21  | 3.75 | 1825.11 | 3.75 | 1823.36 | 7.09                        | 1823.36 | 1.76  | 13.86 |      |       |
| 69323.20 | -2.29                       | -5.46  | 1826.63 | -3.75 | 1824.33 | 1.02      | 1.02  | 3.75 | 1824.33 | 3.75 | 1823.27 | 6.05                        | 1823.27 | 1.06  | 11.50 |      |       |
| 69342.50 | -3.05                       | -6.61  | 1826.94 | -3.75 | 1823.89 | 1.06      | 1.06  | 3.75 | 1823.89 | 3.75 | 1823.49 | 6.56                        | 1823.49 | 1.41  | 13.17 |      |       |
| 69363.70 | -4.44                       | -5.09  | 1824.16 | -3.75 | 1823.74 | 1.41      | 1.41  | 3.75 | 1823.74 | 3.75 | 1821.11 | 8.41                        | 1821.11 | 2.64  | 13.50 |      |       |
| 69382.60 | -0.7                        | -4.46  | 1823.68 | -3.75 | 1823.70 | 1.47      | 1.47  | 3.75 | 1823.70 | 3.75 | 1821.32 | 8.03                        | 1821.32 | 2.39  | 12.49 |      |       |
| 69403.20 | -1.54                       | -5.11  | 1824.20 | -3.75 | 1823.65 | -0.08     | -0.08 | 3.75 | 1823.65 | 3.75 | 1822.39 | 6.35                        | 1822.39 | 1.26  | 11.46 |      |       |
| 69422.40 | -1.42                       | -5.29  | 1825.03 | -3.75 | 1823.60 | -0.48     | -0.48 | 3.75 | 1823.60 | 3.75 | 1822.23 | 5.02                        | 1822.23 | .37   | 10.30 |      |       |
| 69442.00 | -2.55                       | -5.51  | 1826.10 | -3.75 | 1823.55 | -0.83     | -0.83 | 3.75 | 1823.55 | 3.75 | 1824.17 | 5.12                        | 1824.17 | -.62  | 10.63 |      |       |
| 69463.10 | -2.60                       | -5.52  | 1826.11 | -3.75 | 1823.50 | -1.23     | -1.23 | 3.75 | 1823.50 | 3.75 | 1824.30 | 5.16                        | 1824.30 | -.79  | 10.62 |      |       |
| 69483.60 | -0.98                       | -5.20  | 1824.44 | -3.75 | 1823.45 | .12       | .12   | 3.75 | 1823.45 | 3.75 | 1822.31 | 6.18                        | 1822.31 | 1.15  | 11.33 |      |       |
| 69503.50 | -1.17                       | -5.03  | 1823.87 | -3.75 | 1823.40 | 1.52      | 1.52  | 3.75 | 1823.40 | 3.75 | 1822.01 | 6.55                        | 1822.01 | 1.40  | 11.58 |      |       |
| 69523.70 | -1.59                       | -5.12  | 1824.94 | -3.75 | 1823.35 | 1.52      | 1.52  | 3.75 | 1823.35 | 3.75 | 1821.55 | 7.16                        | 1821.55 | 1.00  | 12.47 |      |       |
| 69543.80 | -4.84                       | -6.97  | 1822.12 | -3.75 | 1823.27 | -1.56     | -1.56 | 3.75 | 1823.27 | 3.75 | 1822.24 | 6.00                        | 1822.24 | 1.03  | 12.97 |      |       |
| 69562.70 | -6.03                       | -8.21  | 1829.16 | -3.75 | 1823.13 | -1.95     | -1.95 | 3.75 | 1823.13 | 3.75 | 1821.85 | 6.37                        | 1821.85 | 1.28  | 14.58 |      |       |
| 69582.00 | -4.55                       | -6.91  | 1827.46 | -3.75 | 1822.91 | .73       | .73   | 3.75 | 1822.91 | 3.75 | 1822.13 | 5.64                        | 1822.13 | .79   | 12.55 |      |       |
| 69602.50 | -4.28                       | -6.86  | 1826.96 | -3.75 | 1822.68 | -1.25     | -1.25 | 3.75 | 1822.68 | 3.75 | 1821.43 | 6.34                        | 1821.43 | 1.26  | 13.20 |      |       |
| 69622.80 | -6.13                       | -8.23  | 1828.59 | -3.75 | 1822.45 | -2.48     | -2.48 | 3.75 | 1822.45 | 3.75 | 1821.52 | 5.87                        | 1821.52 | .94   | 14.09 |      |       |
| 69643.00 | -4.87                       | -6.97  | 1827.09 | -3.75 | 1822.22 | -1.21     | -1.21 | 3.75 | 1822.22 | 3.75 | 1820.65 | 6.80                        | 1820.65 | 1.57  | 13.75 |      |       |
| 69662.70 | -3.22                       | -6.64  | 1825.25 | -3.75 | 1822.02 | 1.24      | 1.24  | 3.75 | 1822.02 | 3.75 | 1820.00 | 7.49                        | 1820.00 | 2.02  | 14.13 |      |       |
| 69682.10 | -6.31                       | -8.26  | 1828.21 | -3.75 | 1821.90 | .62       | .62   | 3.75 | 1821.90 | 3.75 | 1821.41 | 5.19                        | 1821.41 | .49   | 13.45 |      |       |
| 69702.55 | -8.98                       | -8.99  | 1830.80 | -3.75 | 1821.81 | -0.08     | -0.08 | 3.75 | 1821.81 | 3.75 | 1821.80 | 4.23                        | 1821.80 | .02   | 14.22 |      |       |
| 69724.50 | -4.70                       | -7.57  | 1826.42 | -3.75 | 1821.71 | .02       | .02   | 3.75 | 1821.71 | 3.75 | 1821.71 | 3.84                        | 1821.71 | 0.00  | 11.41 |      |       |
| 69744.50 | -5.99                       | -9.33  | 1828.61 | -3.75 | 1821.61 | -1.17     | -1.17 | 3.75 | 1821.61 | 3.75 | 1822.00 | 5.13                        | 1822.00 | -.38  | 14.46 |      |       |
| 69764.50 | -7.67                       | -9.56  | 1829.19 | -3.75 | 1821.52 | -3.66     | -3.66 | 3.75 | 1821.52 | 3.75 | 1821.52 | 5.20                        | 1821.52 | -.61  | 14.75 |      |       |
| 69784.50 | -7.17                       | -9.39  | 1828.61 | -3.75 | 1821.43 | -2.10     | -2.10 | 3.75 | 1821.43 | 3.75 | 1821.43 | 5.13                        | 1821.43 | -.39  | 14.52 |      |       |
| 69804.50 | -4.07                       | -9.69  | 1829.53 | -3.75 | 1821.46 | -1.25     | -1.25 | 3.75 | 1821.46 | 3.75 | 1821.94 | 5.16                        | 1821.94 | -.47  | 14.85 |      |       |
| 69824.00 | -9.08                       | -8.82  | 1830.70 | -3.75 | 1821.62 | .69       | .69   | 3.75 | 1821.62 | 3.75 | 1820.76 | 5.75                        | 1820.76 | .86   | 14.56 |      |       |
| 69846.50 | -10.06                      | -9.01  | 1831.99 | -3.75 | 1821.63 | -3.35     | -3.35 | 3.75 | 1821.63 | 3.75 | 1821.93 | 3.99                        | 1821.93 | 0.00  | 13.00 |      |       |
| 69867.50 | -10.40                      | -9.08  | 1832.77 | -3.75 | 1822.36 | -1.62     | -1.62 | 3.75 | 1822.36 | 3.75 | 1824.32 | 5.39                        | 1824.32 | -1.95 | 14.47 |      |       |
| 69887.00 | -7.77                       | -8.55  | 1832.53 | -3.75 | 1822.46 | .17       | .17   | 3.75 | 1822.46 | 3.75 | 1822.70 | 4.54                        | 1822.70 | .05   | 13.09 |      |       |
| 69904.90 | -8.25                       | -9.75  | 1831.30 | -3.75 | 1823.04 | -1.44     | -1.44 | 3.75 | 1823.04 | 3.75 | 1824.60 | 5.52                        | 1824.60 | -1.56 | 15.27 |      |       |
| 69930.60 | -11.47                      | -10.82 | 1834.54 | -3.75 | 1823.06 | -2.10     | -2.10 | 3.75 | 1823.06 | 3.75 | 1823.53 | 5.16                        | 1823.53 | -.47  | 15.98 |      |       |
| 69948.50 | -10.20                      | -10.40 | 1833.08 | -3.75 | 1822.87 | -1.16     | -1.16 | 3.75 | 1822.87 | 3.75 | 1822.15 | 5.54                        | 1822.15 | .72   | 15.54 |      |       |
| 69958.50 | -9.28                       | -10.09 | 1831.61 | -3.75 | 1822.33 | -2.25     | -2.25 | 3.75 | 1822.33 | 3.75 | 1822.33 | 4.30                        | 1822.33 | 0.00  | 14.40 |      |       |
| 69998.50 | -7.62                       | -9.54  | 1829.34 | -3.75 | 1821.71 | -0.67     | -0.67 | 3.75 | 1821.71 | 3.75 | 1822.04 | 5.11                        | 1822.04 | -.32  | 14.65 |      |       |
| 70011.20 | -6.95                       | -9.32  | 1827.90 | -3.75 | 1820.94 | -1.69     | -1.69 | 3.75 | 1820.94 | 3.75 | 1822.35 | 5.47                        | 1822.35 | -1.40 | 14.78 |      |       |
| 70031.00 | -5.59                       | -7.83  | 1825.71 | -3.75 | 1820.20 | -2.33     | -2.33 | 3.75 | 1820.20 | 3.75 | 1821.74 | 5.51                        | 1821.74 | -1.53 | 13.35 |      |       |
| 70051.00 | -2.43                       | -5.83  | 1821.94 | -3.75 | 1819.45 | -2.23     | -2.23 | 3.75 | 1819.45 | 3.75 | 1819.47 | 5.00                        | 1819.47 | -.01  | 10.83 |      |       |
| 70070.50 | -7.07                       | -5.02  | 1818.83 | -3.75 | 1818.76 | .87       | .87   | 3.75 | 1818.76 | 3.75 | 1818.37 | 5.05                        | 1818.37 | .40   | 10.88 |      |       |



TABLEAU. 3  
 DEPARTEMENT RWA  
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| PK       | ASSIETTE TOTALE | REMBLAIS | DEBLAIS | TOTALS | ELEM * CUMULEE * | SURFACES | FLEM * CUMULEE * | SURFACES | ELEM * CUMULEE * | SURFACES | ELEM * CUMULEE * | SURFACES | ELEM * CUMULEE * | SURFACES | ELEM * CUMULEE * | SURFACES | ELEM * CUMULEE * | SURFACES | ELEM * CUMULEE * | SURFACES | ELEM * CUMULEE * | SURFACES | ELEM * CUMULEE * |
|----------|-----------------|----------|---------|--------|------------------|----------|------------------|----------|------------------|----------|------------------|----------|------------------|----------|------------------|----------|------------------|----------|------------------|----------|------------------|----------|------------------|
| 69303.10 | 218             | 29904    | 100     | 38596  | 112              | 11814    | 12               | 9385     | 20.03            | 6131     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69323.20 | 144             | 30048    | 111     | 38707  | 65               | 11879    | 32               | 10017    | 20.12            | 6151     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69342.80 | 175             | 30223    | 67      | 38774  | 64               | 11942    | 23               | 10041    | 19.60            | 6170     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69363.60 | 237             | 30460    | 40      | 38814  | 102              | 12044    | 5                | 10046    | 20.80            | 6191     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69382.60 | 224             | 30684    | 23      | 38837  | 102              | 12146    | 3                | 10049    | 11.94            | 6203     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69403.20 | 185             | 30859    | 61      | 38898  | 64               | 12230    | 4                | 10053    | 16.21            | 6219     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69422.80 | 77              | 30947    | 135     | 39034  | 43               | 12272    | 20               | 10073    | 19.60            | 6239     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69442.80 | 24              | 30971    | 185     | 39219  | 3                | 12275    | 46               | 10118    | 35.35            | 6275     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69463.10 | 0               | 30971    | 216     | 39436  | 0                | 12275    | 68               | 10186    | 40.60            | 6316     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69483.60 | 70              | 31040    | 157     | 39592  | 15               | 12290    | 41               | 10227    | 29.96            | 6346     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69503.50 | 160             | 31201    | 68      | 39660  | 60               | 12349    | 12               | 10239    | 19.90            | 6366     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69523.70 | 175             | 31375    | 68      | 39728  | 72               | 12422    | 18               | 10257    | 20.20            | 6386     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69543.80 | 114             | 31490    | 141     | 39870  | 65               | 12487    | 35               | 10292    | 20.10            | 6406     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69562.70 | 105             | 31594    | 156     | 40026  | 61               | 12548    | 18               | 10310    | 10.90            | 6425     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69582.80 | 153             | 31747    | 120     | 40145  | 60               | 12607    | 15               | 10327    | 20.10            | 6445     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69602.60 | 117             | 31864    | 138     | 40284  | 50               | 12658    | 29               | 10355    | 19.40            | 6465     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69622.90 | 137             | 32001    | 139     | 40422  | 60               | 12718    | 15               | 10370    | 20.20            | 6485     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69643.80 | 117             | 32118    | 164     | 40547  | 66               | 12784    | 21               | 10390    | 20.20            | 6505     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69662.70 | 157             | 32275    | 118     | 40704  | 81               | 12865    | 21               | 10411    | 19.70            | 6525     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69682.10 | 159             | 32434    | 109     | 40813  | 79               | 12944    | 5                | 10416    | 19.40            | 6544     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69702.55 | 107             | 32541    | 176     | 40939  | 25               | 12969    | 27               | 10443    | 20.45            | 6565     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69722.50 | 33              | 32574    | 248     | 41237  | 4                | 12973    | 36               | 10490    | 28.11            | 6593     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69742.50 | 15              | 32589    | 244     | 41481  | 6                | 12979    | 17               | 10497    | 40.00            | 6633     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69762.50 | 17              | 32596    | 235     | 41764  | 6                | 12983    | 22               | 10519    | 40.00            | 6673     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69782.50 | 5               | 32600    | 303     | 42058  | 3                | 12986    | 25               | 10544    | 42.00            | 6713     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69802.50 | 5               | 32605    | 289     | 42358  | 3                | 12989    | 27               | 10571    | 40.00            | 6755     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69822.50 | 62              | 32667    | 224     | 42552  | 12               | 13002    | 46               | 10517    | 28.27            | 6783     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69842.50 | 69              | 32736    | 227     | 42810  | 21               | 13022    | 79               | 10605    | 24.51            | 6808     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69862.50 | 0               | 32736    | 288     | 43098  | 0                | 13022    | 114              | 10605    | 42.01            | 6850     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69882.50 | 45              | 32782    | 223     | 43322  | 0                | 13023    | 80               | 10900    | 39.45            | 6888     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69902.50 | 51              | 32833    | 260     | 43581  | 0                | 13023    | 54               | 10944    | 43.06            | 6931     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69922.50 | 0               | 32833    | 339     | 44020  | 0                | 13023    | 94               | 11037    | 43.40            | 6975     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69942.50 | 49              | 32882    | 238     | 44158  | 11               | 13034    | 79               | 11116    | 25.09            | 7000     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69962.50 | 57              | 32939    | 260     | 44188  | 18               | 13052    | 66               | 11182    | 23.42            | 7023     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 69982.50 | 0               | 32939    | 305     | 44723  | 0                | 13052    | 46               | 11225    | 42.02            | 7065     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 70011.20 | 6               | 32945    | 298     | 45022  | 4                | 13056    | 30               | 11258    | 41.43            | 7107     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 70031.00 | 6               | 32951    | 272     | 45294  | 4                | 13060    | 50               | 11309    | 39.63            | 7146     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 70051.00 | 7               | 32958    | 235     | 45529  | 1                | 13061    | 61               | 11369    | 40.03            | 7186     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |
| 70070.50 | 62              | 33020    | 142     | 45671  | 21               | 13082    | 26               | 11396    | 39.02            | 7225     |                  |          |                  |          |                  |          |                  |          |                  |          |                  |          |                  |

TARLEAU. I

DEPARTEMENT RWA

CALCUL DE TERRASSEMENTS

ROUTE KI-

PAGE NO 320

DATE 16/04/75

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DONNEES

GEOMETRIQUES

| PK       | TALUS ET ELEMENTS DE GAUCHE      | COTE        | DENI- | TALUS ET ELEMENTS DE DROITE     | LARG.      |         |       |       |
|----------|----------------------------------|-------------|-------|---------------------------------|------------|---------|-------|-------|
|          | HAUT. CHASSIETTE LIM. PLATEFORME | PROJET      | VEL-  | LIM. PLATEFORME LIM. D ASSIETTE | HAUT. ASS. |         |       |       |
|          | * ARSC * COTE * ARSC * COTE      | * SUR L AXE | * LEE | * ARSC * COTE * ARSC * COTE     |            |         |       |       |
|          |                                  |             |       |                                 |            |         |       |       |
| 70089.50 | -5.12                            | 1817.74     | -4.25 | 1817.97                         | 4.26       | 1818.03 | -.06  | 9.34  |
| 70127.00 | -4.41                            | 1818.00     | -4.25 | 1817.21                         | 4.28       | 1817.39 | -.17  | 8.69  |
| 70166.50 | -7.22                            | 1816.13     | -4.25 | 1816.02                         | 5.65       | 1816.55 | .37   | 12.67 |
| 70206.50 | -.01                             | 1816.82     | -4.25 | 1816.81                         | 4.38       | 1816.78 | .03   | 8.63  |
| 70246.60 | -4.26                            | 1816.77     | -4.25 | 1816.70                         | 4.26       | 1816.74 | -.03  | 8.52  |
| 70287.00 | -4.73                            | 1816.48     | -4.25 | 1816.60                         | 5.12       | 1816.37 | .23   | 9.85  |
| 70326.00 | -4.90                            | 1816.32     | -4.25 | 1816.49                         | 4.76       | 1816.36 | .14   | 9.66  |
| 70366.50 | -4.84                            | 1816.23     | -4.25 | 1816.38                         | 5.07       | 1816.17 | .22   | 9.91  |
| 70407.00 | -4.89                            | 1816.10     | -4.25 | 1816.27                         | 5.29       | 1816.00 | .23   | 10.18 |
| 70447.00 | -4.32                            | 1816.55     | -4.25 | 1816.17                         | 4.30       | 1816.43 | -.25  | 8.63  |
| 70487.00 | -6.29                            | 1815.59     | -4.25 | 1816.13                         | 6.51       | 1815.53 | .60   | 12.80 |
| 70527.00 | -4.30                            | 1817.11     | -4.25 | 1816.93                         | 4.69       | 1816.72 | .12   | 9.00  |
| 70568.00 | -5.44                            | 1820.03     | -3.75 | 1817.81                         | 6.84       | 1816.22 | 1.59  | 12.29 |
| 70608.00 | -9.07                            | 1829.99     | -3.75 | 1819.73                         | 7.94       | 1816.41 | 2.32  | 16.42 |
| 70648.50 | -5.14                            | 1821.09     | -3.75 | 1819.63                         | 5.01       | 1819.57 | -.03  | 14.08 |
| 70689.00 | -9.20                            | 1831.93     | -3.75 | 1820.36                         | 5.07       | 1820.71 | -.35  | 10.21 |
| 70729.50 | -10.80                           | 1840.20     | -3.75 | 1821.20                         | 5.18       | 1821.80 | -.89  | 14.38 |
| 70770.00 | -8.78                            | 1830.24     | -3.75 | 1821.33                         | 8.84       | 1830.41 | -9.21 | 19.64 |
| 70810.50 | -8.60                            | 1829.45     | -3.75 | 1821.46                         | 4.29       | 1821.33 | 0.00  | 13.07 |
| 70851.00 | -8.63                            | 1829.75     | -3.75 | 1821.57                         | 4.64       | 1821.34 | .13   | 13.24 |
| 70891.50 | -8.94                            | 1831.43     | -3.75 | 1821.72                         | 4.68       | 1821.51 | 0.00  | 13.31 |
| 70932.00 | -8.68                            | 1830.28     | -3.75 | 1821.85                         | 5.06       | 1822.04 | -.30  | 14.00 |
| 70972.50 | -9.14                            | 1832.70     | -3.75 | 1821.98                         | 6.65       | 1819.08 | 2.80  | 17.33 |
| 71013.00 | -8.53                            | 1831.31     | -3.75 | 1822.11                         | 6.00       | 1820.98 | 1.03  | 15.14 |
| 71053.50 | -8.47                            | 1829.60     | -3.75 | 1822.24                         | 5.03       | 1822.27 | -.13  | 13.86 |
| 71094.00 | -8.73                            | 1831.20     | -3.75 | 1822.38                         | 5.46       | 1821.60 | .67   | 13.93 |
| 71134.50 | -9.13                            | 1833.32     | -3.75 | 1822.52                         | 7.09       | 1820.66 | 1.74  | 15.50 |
| 71175.00 | -8.41                            | 1829.49     | -3.75 | 1822.66                         | 6.75       | 1821.00 | 1.53  | 15.48 |
| 71215.50 | -8.73                            | 1831.20     | -3.75 | 1822.80                         | 5.43       | 1822.01 | .65   | 14.56 |
| 71256.00 | -9.13                            | 1833.32     | -3.75 | 1822.94                         | 5.11       | 1823.31 | -.53  | 14.39 |
| 71296.50 | -9.28                            | 1834.71     | -3.75 | 1823.08                         | 4.91       | 1822.93 | 0.00  | 14.25 |
| 71337.00 | -9.34                            | 1834.63     | -3.75 | 1823.14                         | 5.01       | 1823.07 | -.03  | 14.26 |
| 71377.50 | -9.25                            | 1834.29     | -3.75 | 1823.07                         | 5.06       | 1823.24 | -.28  | 14.08 |
| 71418.00 | -9.03                            | 1833.09     | -3.75 | 1823.07                         | 5.01       | 1822.74 | -.03  | 14.26 |
| 71458.50 | -9.25                            | 1833.98     | -3.75 | 1822.82                         | 6.55       | 1820.88 | 1.40  | 15.66 |
| 71499.00 | -9.11                            | 1832.85     | -3.75 | 1822.38                         | 4.12       | 1821.88 | 0.00  | 12.76 |
| 71539.50 | -8.63                            | 1830.06     | -3.75 | 1821.99                         | 3.75       | 1821.89 | -1.12 | 13.99 |
| 71580.00 | -8.76                            | 1830.50     | -3.75 | 1821.78                         | 5.22       | 1822.79 | -.97  | 14.43 |
| 71620.50 | -8.53                            | 1829.42     | -3.75 | 1821.87                         | 5.90       | 1820.80 | .27   | 13.64 |
| 71661.00 | -8.59                            | 1830.04     | -3.75 | 1822.21                         | 5.05       | 1822.37 | -.27  | 13.64 |



TARLEAU. 2

DEPARTEMENT RWA

CALCUL DE TERRASSEMENTS

ROUTE KI-

PAGE NO 320

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CUBATURES

| PK        | SURF  | VOL.ELEM | SURF   | VOL.ELEM | DEBLAIS | TERRASSEMENTS | UTILIS. | DANS LE PROFIL | SOMME CENT DE GRAVITE | VOLUME  | CUNULE  | DEBLAI |        |
|-----------|-------|----------|--------|----------|---------|---------------|---------|----------------|-----------------------|---------|---------|--------|--------|
|           |       |          |        |          |         |               |         |                |                       |         |         |        |        |
| 7008A.50* | 1.66  | 45.6     | .01    | 5.7      | 1487A   | 36.9          |         |                | 37*                   | -9.00   | 9.00*   | 28002  | 121224 |
| 70127.00* | .20   | 35.7     | 2.26   | 43.5     | 14914   | -7.9          |         |                | -9*                   | -19.25  | 19.25*  | 28038  | 121268 |
| 70166.50* | 19.24 | 206.2    | -0.00  | 44.6     | 14958   | 161.6         |         |                |                       |         |         | 28244  | 121313 |
| 70206.50* | 2.60  | 255.7    | .00    | .0       | 14958   | 256.7         |         |                |                       |         |         | 28501  | 121313 |
| 70246.50* | 2.00  | 92.6     | .00    | .1       | 14958   | 92.6          |         |                |                       |         |         | 28594  | 121313 |
| 70287.00* | 4.10  | 122.5    | -0.00  | .1       | 14958   | 122.5         |         |                |                       |         |         | 28716  | 121313 |
| 70325.00* | 5.69  | 190.8    | -0.00  | -0.0     | 14958   | 190.8         |         |                |                       |         |         | 28907  | 121313 |
| 70366.50* | 4.13  | 199.0    | -0.00  | -0.0     | 14958   | 199.0         |         |                |                       |         |         | 29106  | 121313 |
| 70407.00* | 4.41  | 173.0    | -0.00  | -0.0     | 14958   | 173.0         |         |                |                       |         |         | 29279  | 121313 |
| 70447.10* | .05   | 89.2     | .30    | 5.0      | 14964   | 83.2          |         |                |                       |         |         | 29368  | 121319 |
| 70487.00* | 9.77  | 196.4    | -0.00  | 6.0      | 14970   | 190.3         |         |                |                       |         |         | 29565  | 121325 |
| 70527.00* | 1.92  | 233.7    | .04    | .9       | 14971   | 232.8         |         |                |                       |         |         | 29798  | 121326 |
| 70548.00* | 7.34  | 97.3     | 5.77   | 61.0     | 15032   | 36.3          |         |                | 1739*                 | -207.45 | 213.57* | 29896  | 121387 |
| 70568.00* | 4.74  | 120.8    | 9.65   | 154.2    | 15153   | -33.4         |         |                |                       |         |         | 30017  | 121541 |
| 70609.00* | 0.00  | 47.4     | 48.76  | 524.1    | 15200   | -536.7        |         |                |                       |         |         | 30054  | 122125 |
| 70631.50* | 0.00  | 0.0      | 5.02   | 551.2    | 15200   | -551.2        |         |                |                       |         |         | 30064  | 122676 |
| 70653.50* | 0.00  | 0.0      | 37.02  | 483.4    | 15200   | -483.4        |         |                |                       |         |         | 30064  | 123160 |
| 70674.00* | 0.00  | 0.0      | 188.94 | 2485.5   | 15200   | -2485.5       |         |                |                       |         |         | 30064  | 125645 |
| 70694.00* | 0.00  | 0.0      | 28.54  | 2229.1   | 15200   | -2229.1       |         |                |                       |         |         | 30064  | 127874 |
| 70715.50* | .08   | .8       | 29.83  | 583.7    | 15201   | -582.9        |         |                |                       |         |         | 30065  | 128458 |
| 70736.00* | 0.00  | .9       | 29.44  | 637.2    | 15202   | -636.3        |         |                |                       |         |         | 30066  | 129095 |
| 70756.00* | 0.00  | 0.0      | 44.00  | 760.2    | 15202   | -760.2        |         |                |                       |         |         | 30066  | 129855 |
| 70775.50* | 1.44  | 14.2     | 33.26  | 764.9    | 15216   | -750.7        |         |                |                       |         |         | 30080  | 130620 |
| 70796.00* | 2.77  | 41.0     | 35.79  | 673.3    | 15257   | -632.3        |         |                |                       |         |         | 30121  | 131293 |
| 70816.50* | 0.00  | 28.4     | 41.50  | 792.2    | 15286   | -763.8        |         |                |                       |         |         | 30149  | 132086 |
| 70838.00* | 1.25  | 12.8     | 32.20  | 755.4    | 15299   | -742.6        |         |                |                       |         |         | 30162  | 132841 |
| 70856.00* | 5.47  | 72.2     | 28.13  | 648.6    | 15371   | -576.4        |         |                |                       |         |         | 30234  | 133490 |
| 70875.00* | 5.00  | 94.2     | 30.24  | 525.3    | 15465   | -431.1        |         |                |                       |         |         | 30326  | 134015 |
| 70896.50* | 2.20  | 73.1     | 41.33  | 726.4    | 15538   | -653.3        |         |                |                       |         |         | 30401  | 134741 |
| 70916.50* | 0.00  | 22.2     | 60.80  | 1031.5   | 15560   | -1009.3       |         |                |                       |         |         | 30424  | 135773 |
| 70937.00* | 0.00  | 0.0      | 50.95  | 1134.3   | 15560   | -1134.3       |         |                |                       |         |         | 30424  | 136907 |
| 70957.00* | 0.00  | 0.0      | 41.10  | 929.7    | 15560   | -929.7        |         |                |                       |         |         | 30424  | 137837 |
| 70976.00* | 0.00  | 0.0      | 35.40  | 765.8    | 15560   | -765.8        |         |                |                       |         |         | 30424  | 139603 |
| 70995.00* | 0.00  | 0.0      | 50.41  | 816.0    | 15560   | -816.0        |         |                |                       |         |         | 30424  | 139419 |
| 71014.00* | 2.56  | 25.3     | 44.83  | 942.9    | 15586   | -917.5        |         |                |                       |         |         | 30449  | 140162 |
| 71035.00* | .28   | 25.8     | 25.21  | 637.3    | 15611   | -611.5        |         |                |                       |         |         | 30475  | 140999 |
| 71055.50* | 0.00  | 2.9      | 39.89  | 643.5    | 15614   | -640.6        |         |                |                       |         |         | 30478  | 141682 |
| 71076.00* | 5.40  | 55.4     | 25.41  | 669.3    | 15670   | -613.9        |         |                |                       |         |         | 30533  | 142352 |
| 71076.00* | 0.00  | 55.4     | 30.06  | 568.5    | 15725   | -513.1        |         |                |                       |         |         | 30588  | 142920 |

| PK        | ASSIETTE TOTALE | REMBLAIS | DERLAIS | SURFACES | ELEM  | CUMULEE | TALUS | REMBLAIS | DERLAIS | SURFACES | ELEM | CUMULEE | LONGUEUR FOSSE |
|-----------|-----------------|----------|---------|----------|-------|---------|-------|----------|---------|----------|------|---------|----------------|
| 70088.50* | 33150           | 34       | 45705*  | 16       | 13097 | 11396*  | 0     | 11396*   | 10.34   | 7236*    |      |         |                |
| 70127.00* | 33361           | 137      | 45842*  | 6        | 13103 | 11411*  | 15    | 11411*   | 64.21   | 7300*    |      |         |                |
| 70166.50* | 33619           | 131      | 45972*  | 53       | 13156 | 11419*  | 8     | 11419*   | 30.38   | 7330*    |      |         |                |
| 70206.50* | 34049           | 0        | 45972*  | 92       | 13249 | 11419*  | 0     | 11419*   | .39     | 7331*    |      |         |                |
| 70246.00* | 34392           | 3        | 45975*  | 1        | 13250 | 11421*  | 2     | 11421*   | 60.00   | 7391*    |      |         |                |
| 70287.00* | 34676           | 79       | 46054*  | 22       | 13272 | 11421*  | 1     | 11421*   | 18.64   | 7410*    |      |         |                |
| 70326.00* | 35056           | 0        | 46054*  | 51       | 13323 | 11421*  | 0     | 11421*   | 0.00    | 7410*    |      |         |                |
| 70366.50* | 35453           | 0        | 46054*  | 54       | 13377 | 11421*  | 0     | 11421*   | 0.00    | 7410*    |      |         |                |
| 70407.00* | 35860           | 0        | 46054*  | 65       | 13442 | 11421*  | 0     | 11421*   | 0.00    | 7410*    |      |         |                |
| 70447.00* | 36013           | 203      | 46257*  | 15       | 13457 | 11429*  | 8     | 11429*   | 47.31   | 7457*    |      |         |                |
| 70487.00* | 36299           | 113      | 46370*  | 60       | 13517 | 11433*  | 4     | 11433*   | 26.43   | 7484*    |      |         |                |
| 70527.00* | 36725           | 9        | 46379*  | 85       | 13602 | 11435*  | 2     | 11435*   | 12.33   | 7496*    |      |         |                |
| 70568.00* | 36894           | 54       | 46436*  | 42       | 13644 | 11462*  | 27    | 11462*   | 21.01   | 7517*    |      |         |                |
| 70608.00* | 37091           | 91       | 46526*  | 99       | 13742 | 11499*  | 37    | 11499*   | 20.02   | 7537*    |      |         |                |
| 70648.00* | 37164           | 154      | 46678*  | 27       | 13769 | 11558*  | 59    | 11558*   | 26.61   | 7566*    |      |         |                |
| 70688.50* | 37164           | 249      | 46928*  | 0        | 13769 | 11615*  | 57    | 11615*   | 41.03   | 7607*    |      |         |                |
| 70728.50* | 37164           | 283      | 47211*  | 0        | 13769 | 11697*  | 82    | 11697*   | 46.01   | 7653*    |      |         |                |
| 70768.50* | 37164           | 374      | 47585*  | 0        | 13769 | 11944*  | 248   | 11944*   | 44.00   | 7697*    |      |         |                |
| 70808.50* | 37164           | 335      | 47920*  | 0        | 13769 | 12150*  | 205   | 12150*   | 41.00   | 7738*    |      |         |                |
| 70848.50* | 37182           | 244      | 48165*  | 6        | 13775 | 12202*  | 52    | 12202*   | 27.75   | 7766*    |      |         |                |
| 70888.50* | 37203           | 265      | 48430*  | 3        | 13778 | 12254*  | 52    | 12254*   | 36.83   | 7802*    |      |         |                |
| 70928.50* | 37266           | 247      | 48713*  | 0        | 13778 | 12328*  | 74    | 12328*   | 41.40   | 7844*    |      |         |                |
| 70968.50* | 37283           | 240      | 48958*  | 22       | 13800 | 12392*  | 63    | 12392*   | 31.77   | 7876*    |      |         |                |
| 71008.50* | 37440           | 200      | 49150*  | 81       | 13881 | 12462*  | 71    | 12462*   | 19.50   | 7895*    |      |         |                |
| 71048.50* | 37476           | 248      | 49307*  | 15       | 13896 | 12545*  | 83    | 12545*   | 29.14   | 7924*    |      |         |                |
| 71088.50* | 37572           | 221      | 49467*  | 10       | 13906 | 12593*  | 48    | 12593*   | 30.66   | 7955*    |      |         |                |
| 71128.50* | 37689           | 162      | 50039*  | 66       | 13968 | 12519*  | 26    | 12519*   | 21.50   | 7976*    |      |         |                |
| 71168.50* | 37819           | 175      | 50205*  | 54       | 14034 | 12653*  | 34    | 12653*   | 18.00   | 7994*    |      |         |                |
| 71208.50* | 37871           | 241      | 50445*  | 9        | 14088 | 12729*  | 76    | 12729*   | 20.30   | 8015*    |      |         |                |
| 71248.50* | 37871           | 291      | 50736*  | 0        | 14096 | 12836*  | 107   | 12836*   | 31.23   | 8046*    |      |         |                |
| 71288.50* | 37871           | 288      | 51026*  | 0        | 14096 | 12968*  | 132   | 12968*   | 40.60   | 8087*    |      |         |                |
| 71328.50* | 37871           | 283      | 51307*  | 0        | 14096 | 13093*  | 125   | 13093*   | 40.40   | 8127*    |      |         |                |
| 71368.50* | 37871           | 269      | 51576*  | 0        | 14096 | 13192*  | 99    | 13192*   | 40.00   | 8167*    |      |         |                |
| 71408.50* | 37928           | 240      | 51816*  | 0        | 14096 | 13286*  | 94    | 13286*   | 39.00   | 8205*    |      |         |                |
| 71448.50* | 38010           | 177      | 51993*  | 23       | 14119 | 13385*  | 99    | 13385*   | 25.25   | 8230*    |      |         |                |
| 71488.50* | 38044           | 177      | 51993*  | 28       | 14148 | 13448*  | 63    | 13448*   | 18.72   | 8249*    |      |         |                |
| 71528.50* | 38044           | 246      | 52239*  | 0        | 14148 | 13517*  | 69    | 13517*   | 42.00   | 8291*    |      |         |                |
| 71568.50* | 38107           | 228      | 52467*  | 12       | 14160 | 13570*  | 53    | 13570*   | 31.39   | 8322*    |      |         |                |
| 71608.50* | 38171           | 225      | 52692*  | 19       | 14179 | 13608*  | 38    | 13608*   | 25.04   | 8347*    |      |         |                |

TABLEAU 1  
 DEPARTEMENT RWA  
 CALCUL DE TERRASSEMENTS  
 ROUTE KI-  
 PAGE NO 360  
 DATE 16/04/75

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 DONNEES GEOMETRIQUES  
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| PK       | TALUS ET ELEMENTS DE GAUCHE | ARSC  | COTE    | ARSC    | COTE  | ARSC | PROJET  | VEL   | PLATEFORME | ARSC  | COTE  | ARSC | TALUS ET ELEMENTS DE DROITE | LARG. |
|----------|-----------------------------|-------|---------|---------|-------|------|---------|-------|------------|-------|-------|------|-----------------------------|-------|
|          |                             |       |         |         |       |      |         |       |            |       |       |      |                             |       |
| 71097.00 | -11.06                      | -3.75 | 1822.49 | 1822.60 | -4.49 | 3.75 | 1822.49 | 5.48  | 1824.92    | -2.42 | 14.70 |      |                             |       |
| 71118.00 | -9.50                       | -3.75 | 1822.28 | 1822.99 | -5.50 | 3.75 | 1822.28 | 5.27  | 1824.24    | -1.35 | 14.17 |      |                             |       |
| 71140.00 | -7.62                       | -3.75 | 1823.29 | 1823.40 | -3.69 | 3.75 | 1823.29 | 5.31  | 1824.87    | -1.57 | 13.84 |      |                             |       |
| 71160.00 | -3.88                       | -3.75 | 1823.66 | 1823.77 | -1.32 | 3.75 | 1823.66 | 5.06  | 1823.98    | -0.32 | 11.84 |      |                             |       |
| 71180.00 | -2.00                       | -3.75 | 1823.96 | 1824.07 | -0.45 | 3.75 | 1823.96 | 4.84  | 1823.71    | 0.26  | 10.24 |      |                             |       |
| 71200.00 | -1.78                       | -3.75 | 1824.16 | 1824.27 | 1.97  | 3.75 | 1824.16 | 7.87  | 1821.89    | 2.27  | 11.75 |      |                             |       |
| 71240.00 | -4.61                       | -3.75 | 1824.27 | 1824.38 | 1.12  | 3.75 | 1824.27 | 8.86  | 1821.34    | 2.93  | 14.21 |      |                             |       |
| 71260.00 | -5.38                       | -3.75 | 1824.18 | 1824.29 | -1.85 | 3.75 | 1824.18 | 15.97 | 1816.51    | 7.67  | 23.04 |      |                             |       |
| 71280.00 | -5.34                       | -3.75 | 1823.99 | 1824.10 | -1.93 | 3.75 | 1823.99 | 16.25 | 1816.14    | 7.86  | 23.32 |      |                             |       |
| 71300.00 | -3.84                       | -3.75 | 1823.80 | 1823.91 | -1.58 | 3.75 | 1823.80 | 9.36  | 1820.53    | 3.27  | 16.13 |      |                             |       |
| 71320.00 | -6.17                       | -3.75 | 1823.51 | 1823.72 | -2.55 | 3.75 | 1823.51 | 5.11  | 1824.16    | 0.54  | 13.34 |      |                             |       |
| 71330.73 | -4.63                       | -3.75 | 1823.43 | 1823.54 | -1.67 | 3.75 | 1823.43 | 8.37  | 1820.02    | 2.61  | 15.30 |      |                             |       |
| 71350.73 | -1.34                       | -3.75 | 1823.23 | 1823.34 | -1.06 | 3.75 | 1823.23 | 9.60  | 1819.89    | 3.43  | 14.87 |      |                             |       |
| 71370.73 | -1.71                       | -3.75 | 1823.04 | 1823.15 | -0.43 | 3.75 | 1823.04 | 8.54  | 1820.32    | 2.72  | 13.82 |      |                             |       |
| 71390.73 | -0.62                       | -3.75 | 1822.85 | 1822.96 | 1.10  | 3.75 | 1822.85 | 9.09  | 1819.76    | 3.09  | 14.22 |      |                             |       |
| 71410.73 | -1.30                       | -3.75 | 1822.65 | 1822.76 | 0.93  | 3.75 | 1822.65 | 8.71  | 1819.02    | 2.84  | 13.79 |      |                             |       |
| 71430.73 | -1.08                       | -3.75 | 1822.46 | 1822.57 | 0.01  | 3.75 | 1822.46 | 5.93  | 1821.48    | 0.90  | 11.14 |      |                             |       |
| 71450.73 | -1.28                       | -3.75 | 1822.27 | 1822.38 | -0.17 | 3.75 | 1822.27 | 4.05  | 1822.27    | 0.00  | 9.31  |      |                             |       |
| 71470.73 | -1.45                       | -3.75 | 1822.15 | 1822.26 | -0.27 | 3.75 | 1822.15 | 4.17  | 1822.15    | 0.00  | 9.47  |      |                             |       |
| 71490.73 | -1.10                       | -3.75 | 1822.12 | 1822.23 | 0.02  | 3.75 | 1822.12 | 5.00  | 1822.14    | -0.01 | 10.22 |      |                             |       |
| 71510.73 | -0.62                       | -3.75 | 1822.18 | 1822.29 | 0.13  | 3.75 | 1822.18 | 5.01  | 1822.21    | -0.03 | 10.13 |      |                             |       |
| 71530.73 | -0.51                       | -3.75 | 1822.29 | 1822.40 | 0.26  | 3.75 | 1822.29 | 4.92  | 1821.99    | 0.31  | 10.02 |      |                             |       |
| 71550.73 | -0.76                       | -3.75 | 1822.48 | 1822.59 | 0.28  | 3.75 | 1822.48 | 3.86  | 1822.48    | 0.00  | 9.01  |      |                             |       |
| 71570.73 | -4.45                       | -3.75 | 1822.76 | 1822.87 | -1.99 | 3.75 | 1822.76 | 5.21  | 1823.83    | -1.07 | 12.10 |      |                             |       |
| 71590.73 | -3.09                       | -3.75 | 1823.13 | 1823.24 | -1.34 | 3.75 | 1823.13 | 10.71 | 1818.97    | 4.17  | 17.50 |      |                             |       |
| 71610.73 | -3.05                       | -3.75 | 1823.52 | 1823.63 | -1.33 | 3.75 | 1823.52 | 8.47  | 1820.85    | 2.68  | 15.08 |      |                             |       |
| 71630.73 | -2.16                       | -3.75 | 1823.91 | 1824.02 | -1.52 | 3.75 | 1823.91 | 6.88  | 1822.30    | 1.61  | 12.31 |      |                             |       |
| 71650.73 | -1.87                       | -3.75 | 1824.29 | 1824.40 | 0.21  | 3.75 | 1824.29 | 5.94  | 1823.30    | 0.99  | 11.32 |      |                             |       |
| 71670.73 | -1.94                       | -3.75 | 1824.53 | 1824.64 | -1.19 | 3.75 | 1824.53 | 6.24  | 1823.34    | 1.19  | 11.63 |      |                             |       |
| 71690.73 | -3.05                       | -3.75 | 1824.67 | 1824.78 | -1.61 | 3.75 | 1824.67 | 5.02  | 1824.70    | -0.12 | 11.63 |      |                             |       |
| 71710.73 | -3.11                       | -3.75 | 1824.44 | 1824.55 | -1.71 | 3.75 | 1824.44 | 5.03  | 1824.61    | -0.17 | 11.66 |      |                             |       |
| 71730.73 | -2.16                       | -3.75 | 1824.13 | 1824.24 | -1.25 | 3.75 | 1824.13 | 5.62  | 1823.36    | 0.78  | 11.05 |      |                             |       |
| 71750.73 | -2.32                       | -3.75 | 1823.51 | 1823.72 | -1.77 | 3.75 | 1823.51 | 5.21  | 1823.11    | 0.50  | 10.67 |      |                             |       |
| 71770.73 | -1.88                       | -3.75 | 1823.03 | 1823.14 | 0.54  | 3.75 | 1823.03 | 7.15  | 1821.24    | 1.80  | 12.53 |      |                             |       |
| 71790.73 | -1.00                       | -3.75 | 1822.44 | 1822.55 | 0.28  | 3.75 | 1822.44 | 6.33  | 1821.20    | 1.25  | 11.53 |      |                             |       |
| 71810.73 | -2.12                       | -3.75 | 1821.86 | 1821.97 | -0.63 | 3.75 | 1821.86 | 4.72  | 1821.69    | 0.18  | 10.14 |      |                             |       |
| 71830.73 | -2.32                       | -3.75 | 1821.26 | 1821.37 | -1.12 | 3.75 | 1821.26 | 5.85  | 1820.36    | 0.93  | 11.31 |      |                             |       |
| 71850.73 | -2.40                       | -3.75 | 1820.75 | 1820.86 | -1.41 | 3.75 | 1820.75 | 5.25  | 1820.22    | 0.53  | 10.73 |      |                             |       |

TABLEAU. 2  
 DEPARTEMENT RWA  
 CALCUL DE TERRASSEMENTS  
 ROUTE KI-  
 DATE 16/04/75  
 PAGE NO 360

| PK       | REPLAIS | SURF  | VOL.ELEM | SURF  | VOL.ELEM | DEPLAIS | TERRASSEMENTS<br>UTILIS. NON UTIL<br>DANS LE PROFIL | SOMME<br>TERPASS. | CENT. DE GRAVITE | VOLUME<br>CUMULE | REEMPLAI<br>DEBLAI |
|----------|---------|-------|----------|-------|----------|---------|---|-------------------|------------------|------------------|--------------------|
| 71097.00 | 0.00    | 0.00  | 0.00     | 71.01 | 1061.2   | 15725   | -1061.2   | *                 | *                | 30588            | 143941             |
| 71115.00 | 0.00    | 0.00  | 0.00     | 69.76 | 1478.1   | 15725   | -1478.1   | *                 | *                | 30588            | 145459             |
| 71140.00 | 0.00    | 0.00  | 0.00     | 50.08 | 1318.2   | 15725   | -1318.2   | *                 | *                | 30588            | 146778             |
| 71160.00 | 0.00    | 0.00  | 0.00     | 17.24 | 673.2    | 15725   | -673.2  | *                 | *                | 30588            | 147451             |
| 71180.00 | 0.14    | 1.4   | 1.4      | 6.91  | 241.6    | 15726   | -240.2  | -25611            | 315.74           | 30590            | 147692             |
| 71200.00 | 19.21   | 193.5 | 69.1     | 0.00  | 15796    | 124.4   | 124.4   | *                 | *                | 30783            | 147762             |
| 71220.00 | 8.29    | 275.0 | 32.3     | 3.83  | 15834    | 236.7   | 236.7   | 361               | -23.11           | 31058            | 147800             |
| 71240.00 | 0.00    | 82.9  | 237.3    | 19.90 | 15917    | -154.3  | -154.3  | *                 | *                | 31141            | 148037             |
| 71260.00 | 20.42   | 204.2 | 429.4    | 23.04 | 16121    | -225.2  | -225.2  | *                 | *                | 31345            | 148457             |
| 71280.00 | 16.74   | 371.8 | 450.2    | 21.98 | 16493    | -78.5   | -78.5   | *                 | *                | 31717            | 148917             |
| 71300.00 | 8.47    | 257.3 | 389.2    | 16.94 | 16750    | -131.9  | -131.9  | *                 | *                | 31975            | 149306             |
| 71320.00 | 0.09    | 90.7  | 484.0    | 31.46 | 16841    | -393.3  | -393.3  | *                 | *                | 32065            | 149790             |
| 71338.73 | 5.51    | 52.5  | 487.9    | 20.64 | 16893    | -435.4  | -435.4  | *                 | *                | 32118            | 150270             |
| 71359.73 | 10.42   | 159.3 | 254.2    | 4.78  | 17052    | -94.9   | -94.9   | -1514             | -77.10           | 32277            | 150532             |
| 71378.73 | 9.71    | 201.3 | 100.6    | 5.28  | 17153    | 100.7   | 100.7   | *                 | *                | 32478            | 150633             |
| 71396.73 | 11.60   | 213.1 | 58.5     | 0.57  | 17212    | 154.6   | 154.6   | *                 | *                | 32591            | 150691             |
| 71418.73 | 11.67   | 232.7 | 8.8      | 0.31  | 17220    | 223.9   | 223.9   | *                 | *                | 32924            | 150700             |
| 71438.73 | 2.08    | 137.5 | 32.8     | 2.97  | 17253    | 104.7   | 104.7   | 584               | -41.39           | 33062            | 150733             |
| 71458.73 | 0.00    | 20.8  | 70.6     | 4.09  | 17274    | -49.8   | -49.8   | *                 | *                | 33082            | 150803             |
| 71478.73 | 0.00    | 0.00  | 91.2     | 5.03  | 17274    | -91.2   | -91.2   | *                 | *                | 33082            | 150895             |
| 71498.73 | 0.29    | 3.0   | 78.6     | 2.83  | 17274    | -78.6   | -78.6   | *                 | *                | 33083            | 150973             |
| 71518.73 | 1.55    | 18.5  | 38.2     | 0.99  | 17277    | -35.3   | -35.3   | -255              | -37.80           | 33085            | 151011             |
| 71538.73 | 0.72    | 22.7  | 16.0     | 1.45  | 17293    | 2.5     | 2.5   | *                 | *                | 33104            | 151027             |
| 71558.73 | 0.00    | 7.2   | 20.5     | 1.45  | 17314    | 2.3     | 2.3   | 5                 | -19.49           | 33127            | 151048             |
| 71578.73 | 5.82    | 58.2  | 272.3    | 25.79 | 17321    | -265.2  | -265.2  | *                 | *                | 33134            | 151320             |
| 71598.73 | 5.10    | 109.1 | 424.9    | 16.70 | 17379    | -366.7  | -366.7  | *                 | *                | 33192            | 151745             |
| 71618.73 | 4.52    | 96.1  | 276.1    | 10.92 | 17488    | -117.0  | -117.0  | *                 | *                | 33301            | 152021             |
| 71638.73 | 3.51    | 80.2  | 213.1    | 10.40 | 17584    | -68.4   | -68.4   | *                 | *                | 33397            | 152234             |
| 71658.73 | 3.50    | 71.0  | 148.6    | 4.44  | 17664    | -60.5   | -60.5   | *                 | *                | 33478            | 152383             |
| 71678.73 | 0.12    | 37.2  | 131.5    | 8.68  | 17735    | -60.5   | -60.5   | *                 | *                | 33549            | 152515             |
| 71718.73 | 0.02    | 1.4   | 263.7    | 17.68 | 17773    | -226.5  | -226.5  | *                 | *                | 33580            | 152778             |
| 71738.73 | 0.98    | 10.0  | 371.4    | 19.46 | 17774    | -370.0  | -370.0  | *                 | *                | 33587            | 153150             |
| 71758.73 | 0.63    | 16.1  | 297.4    | 10.29 | 17784    | -287.4  | -287.4  | *                 | *                | 33597            | 153447             |
| 71778.73 | 4.18    | 48.1  | 227.5    | 12.47 | 17800    | -211.4  | -211.4  | *                 | *                | 33613            | 153675             |
| 71798.73 | 2.39    | 65.6  | 176.5    | 5.18  | 17848    | -128.4  | -128.4  | *                 | *                | 33661            | 153951             |
| 71818.73 | 0.09    | 24.8  | 69.2     | 1.74  | 17914    | -3.6    | -3.6  | *                 | *                | 33727            | 153920             |
| 71838.73 | 1.35    | 14.4  | 97.7     | 8.03  | 17939    | -72.9   | -72.9   | *                 | *                | 33752            | 154018             |
| 71858.73 | 0.81    | 21.6  | 197.3    | 11.70 | 17953    | -182.9  | -182.9  | *                 | *                | 33766            | 154215             |
| 71878.73 | 0.00    | 0.00  | 229.0    | 11.29 | 17975    | -208.3  | -208.3  | *                 | *                | 33788            | 154445             |

CURVATURES

SURFACES

| PK        | ASSIETE TOTALE | REMBLAIS | TALUS  | DEBLAIS | LONGUEUR FOSSE |       |       |
|-----------|----------------|----------|--------|---------|----------------|-------|-------|
|           |                |          |        |         |                |       |       |
| 71097.00* | 0              | 38171    | 52989* | 14179   | 13712*         | 42.01 | 8389* |
| 71114.00* | 0              | 38171    | 53292* | 14179   | 13845*         | 42.01 | 8431* |
| 71140.00* | 0              | 38171    | 53600* | 14179   | 13935*         | 44.01 | 8475* |
| 71150.00* | 0              | 38171    | 53857* | 14179   | 13980*         | 40.01 | 8515* |
| 71180.00* | 17             | 38187    | 54062* | 14160   | 14012*         | 37.87 | 8553* |
| 71200.00* | 134            | 38321    | 54147* | 14240   | 14029*         | 16.35 | 8570* |
| 71220.00* | 209            | 38531    | 54183* | 14348   | 14043*         | 15.38 | 8595* |
| 71240.00* | 92             | 38623    | 54382* | 14384   | 14080*         | 28.15 | 8613* |
| 71260.00* | 125            | 38748    | 54591* | 14440   | 14125*         | 32.31 | 8645* |
| 71280.00* | 269            | 39017    | 54776* | 14734   | 14174*         | 20.00 | 8665* |
| 71300.00* | 267            | 39285    | 54903* | 14949   | 14206*         | 20.00 | 8685* |
| 71320.00* | 115            | 39399    | 55013* | 14995   | 14219*         | 21.81 | 8707* |
| 71336.73* | 7              | 39407    | 55207* | 15018   | 14239*         | 30.65 | 8738* |
| 71358.73* | 132            | 39538    | 55377* | 15141   | 14270*         | 20.00 | 8758* |
| 71374.73* | 146            | 39664    | 55519* | 15266   | 14301*         | 20.00 | 8778* |
| 71396.73* | 189            | 39872    | 55612* | 15384   | 14325*         | 20.00 | 8798* |
| 71418.73* | 245            | 40116    | 55662* | 15505   | 14335*         | 20.00 | 8818* |
| 71438.73* | 181            | 40297    | 55716* | 15588   | 14350*         | 20.00 | 8838* |
| 71458.73* | 59             | 40357    | 55841* | 15612   | 14374*         | 20.70 | 8859* |
| 71478.73* | 0              | 40357    | 56049* | 15612   | 14409*         | 40.00 | 8899* |
| 71498.73* | 12             | 40369    | 56233* | 15612   | 14440*         | 40.00 | 8939* |
| 71518.73* | 59             | 40428    | 56378* | 15612   | 14458*         | 40.00 | 8979* |
| 71538.73* | 121            | 40549    | 56459* | 15624   | 14469*         | 21.14 | 9000* |
| 71558.73* | 126            | 40674    | 56523* | 15637   | 14482*         | 20.00 | 9020* |
| 71578.73* | 52             | 40726    | 56683* | 15637   | 14516*         | 39.91 | 9060* |
| 71598.73* | 77             | 40803    | 56902* | 15665   | 14548*         | 33.36 | 9093* |
| 71618.73* | 196            | 40999    | 57031* | 15807   | 14588*         | 20.00 | 9113* |
| 71638.73* | 165            | 41165    | 57140* | 15905   | 14521*         | 20.00 | 9133* |
| 71658.73* | 117            | 41261    | 57259* | 15966   | 14622*         | 20.00 | 9153* |
| 71678.73* | 112            | 41393    | 57377* | 16019   | 14661*         | 20.00 | 9173* |
| 71698.73* | 32             | 41425    | 57539* | 16040   | 14692*         | 29.81 | 9203* |
| 71718.73* | 14             | 41439    | 57757* | 16057   | 14685*         | 40.00 | 9243* |
| 71738.73* | 6              | 41445    | 57939* | 16065   | 14711*         | 35.17 | 9278* |
| 71758.73* | 53             | 41498    | 58103* | 16102   | 14756*         | 20.01 | 9296* |
| 71778.73* | 105            | 41603    | 58230* | 16157   | 14799*         | 20.01 | 9318* |
| 71798.73* | 155            | 41758    | 58315* | 16226   | 14879*         | 20.01 | 9338* |
| 71818.73* | 88             | 41866    | 58444* | 16266   | 14860*         | 20.01 | 9358* |
| 71838.73* | 45             | 41891    | 58614* | 16300   | 14906*         | 20.01 | 9378* |
| 71858.73* | 60             | 41951    | 58774* | 16340   | 14954*         | 20.01 | 9398* |

TABLEAU. J  
 DEPARTEMENT RWA  
 CALCUL DE TERRASSEMENTS  
 ROUTE KI-  
 PAGE NO 400  
 DATE 16/04/75

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 DONNEES GEOMETRIQUES  
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| PK       | TALUS ET ELEMENTS DE GAUCHE | ABSC  | COTE    | ARSC  | SUR L AXE | LEE     | ARSC  | COTE | ARSC    | TALUS ET ELEMENTS DE DROITE | COTE    | ARSC | ARSC    | COTE  | LARG. |
|----------|-----------------------------|-------|---------|-------|-----------|---------|-------|------|---------|-----------------------------|---------|------|---------|-------|-------|
| 71878.73 | -4.48                       | -6.90 | 1824.72 | -3.75 | 1820.23   | 1820.34 | -2.29 | 3.75 | 1820.23 | 6.58                        | 1818.52 | 3.75 | 1820.23 | 1.41  | 13.47 |
| 71898.73 | -2.20                       | -5.44 | 1822.12 | -3.75 | 1819.92   | 1820.03 | -3.34 | 3.75 | 1819.92 | 4.22                        | 1819.02 | 3.75 | 1819.92 | 0.00  | 9.68  |
| 71918.73 | -7.97                       | -8.59 | 1827.72 | -3.75 | 1819.75   | 1819.36 | -4.69 | 3.75 | 1819.75 | 11.54                       | 1815.03 | 3.75 | 1819.75 | 4.72  | 20.13 |
| 71938.73 | -9.13                       | -8.83 | 1828.76 | -3.75 | 1819.62   | 1819.73 | -7.1  | 3.75 | 1819.62 | 3.91                        | 1819.62 | 3.75 | 1819.62 | 0.00  | 12.74 |
| 71958.73 | -7.73                       | -8.55 | 1827.22 | -3.75 | 1819.49   | 1819.60 | -2.23 | 3.75 | 1819.49 | 4.55                        | 1819.49 | 3.75 | 1819.49 | 0.00  | 13.05 |
| 71978.73 | -10.58                      | -9.12 | 1829.54 | -3.75 | 1819.36   | 1819.47 | -3.35 | 3.75 | 1819.36 | 5.67                        | 1813.55 | 3.75 | 1819.36 | 8.1   | 14.78 |
| 71998.73 | -12.19                      | -9.44 | 1831.42 | -3.75 | 1819.23   | 1819.34 | -0.3  | 3.75 | 1819.23 | 6.41                        | 1817.93 | 3.75 | 1819.23 | 1.30  | 15.85 |
| 72018.73 | -10.04                      | -9.01 | 1829.14 | -3.75 | 1819.10   | 1819.21 | -2.25 | 3.75 | 1819.10 | 4.78                        | 1819.10 | 3.75 | 1819.10 | 0.00  | 13.79 |
| 72038.73 | -7.91                       | -8.58 | 1826.89 | -3.75 | 1818.97   | 1819.08 | -9.2  | 3.75 | 1818.97 | 4.67                        | 1818.97 | 3.75 | 1818.97 | 0.00  | 13.26 |
| 72058.73 | -5.47                       | -7.13 | 1824.52 | -3.75 | 1818.84   | 1818.95 | -1.44 | 3.75 | 1818.84 | 5.23                        | 1819.97 | 3.75 | 1818.84 | -1.13 | 12.36 |
| 72078.73 | -6.39                       | -8.28 | 1825.10 | -3.75 | 1818.71   | 1818.82 | -1.32 | 3.75 | 1818.71 | 5.11                        | 1819.23 | 3.75 | 1818.71 | -1.57 | 13.39 |
| 72098.73 | -5.06                       | -7.01 | 1823.65 | -3.75 | 1818.58   | 1818.69 | -1.22 | 3.75 | 1818.58 | 6.07                        | 1817.51 | 3.75 | 1818.58 | 1.00  | 13.08 |
| 72118.73 | -4.05                       | -6.81 | 1822.64 | -3.75 | 1818.44   | 1818.55 | -9.5  | 3.75 | 1818.44 | 5.00                        | 1818.47 | 3.75 | 1818.44 | -0.2  | 11.81 |
| 72138.73 | -4.33                       | -6.87 | 1822.64 | -3.75 | 1818.31   | 1818.42 | -7.7  | 3.75 | 1818.31 | 5.07                        | 1818.69 | 3.75 | 1818.31 | -3.7  | 11.94 |
| 72158.73 | -4.34                       | -6.87 | 1822.53 | -3.75 | 1818.18   | 1818.29 | -1.27 | 3.75 | 1818.18 | 5.05                        | 1818.66 | 3.75 | 1818.18 | -2.8  | 11.82 |
| 72178.73 | -4.38                       | -6.88 | 1822.43 | -3.75 | 1818.05   | 1818.16 | -1.30 | 3.75 | 1818.05 | 5.95                        | 1817.06 | 3.75 | 1818.05 | 1.00  | 12.82 |
| 72198.73 | -4.34                       | -6.87 | 1822.87 | -3.75 | 1817.93   | 1818.04 | -1.37 | 3.75 | 1817.93 | 7.10                        | 1816.17 | 3.75 | 1817.93 | 1.77  | 13.97 |
| 72218.73 | -4.01                       | -6.80 | 1821.86 | -3.75 | 1817.85   | 1817.96 | -1.39 | 3.75 | 1817.85 | 5.62                        | 1817.08 | 3.75 | 1817.85 | 0.78  | 12.42 |
| 72238.73 | -2.10                       | -5.42 | 1819.94 | -3.75 | 1817.83   | 1817.94 | -1.11 | 3.75 | 1817.83 | 4.91                        | 1817.83 | 3.75 | 1817.83 | 0.00  | 10.33 |
| 72258.73 | -3.84                       | -6.77 | 1821.69 | -3.75 | 1817.84   | 1817.95 | -7.3  | 3.75 | 1817.84 | 4.88                        | 1817.84 | 3.75 | 1817.84 | 0.00  | 11.65 |
| 72278.73 | -3.23                       | -6.65 | 1821.11 | -3.75 | 1817.87   | 1817.98 | -6.2  | 3.75 | 1817.87 | 5.07                        | 1818.25 | 3.75 | 1817.87 | -3.7  | 11.72 |
| 72298.73 | -6.94                       | -8.39 | 1824.86 | -3.75 | 1817.89   | 1818.00 | -7.0  | 3.75 | 1817.89 | 5.13                        | 1818.52 | 3.75 | 1817.89 | -6.3  | 13.52 |
| 72318.73 | -3.80                       | -6.76 | 1821.73 | -3.75 | 1817.92   | 1818.03 | -3.6  | 3.75 | 1817.92 | 5.09                        | 1818.35 | 3.75 | 1817.92 | -4.3  | 11.65 |
| 72338.73 | -2.50                       | -5.50 | 1820.45 | -3.75 | 1817.94   | 1818.05 | -3.5  | 3.75 | 1817.94 | 5.01                        | 1818.02 | 3.75 | 1817.94 | -0.7  | 10.52 |
| 72358.73 | -1.29                       | -5.26 | 1819.24 | -3.75 | 1817.95   | 1818.06 | 3.3   | 3.75 | 1817.95 | 5.14                        | 1817.50 | 3.75 | 1817.95 | 4.5   | 10.39 |
| 72378.73 | -2.64                       | -5.53 | 1820.57 | -3.75 | 1817.92   | 1818.03 | 1.4   | 3.75 | 1817.92 | 4.20                        | 1817.92 | 3.75 | 1817.92 | 0.00  | 9.73  |
| 72398.73 | -1.85                       | -5.37 | 1819.69 | -3.75 | 1817.94   | 1817.95 | -5.1  | 3.75 | 1817.94 | 5.02                        | 1817.93 | 3.75 | 1817.94 | -0.9  | 10.39 |
| 72418.73 | -4.03                       | -6.81 | 1821.76 | -3.75 | 1817.73   | 1817.84 | -1.1  | 3.75 | 1817.73 | 5.21                        | 1818.78 | 3.75 | 1817.73 | -1.04 | 12.01 |
| 72438.73 | -4.14                       | -6.83 | 1821.74 | -3.75 | 1817.60   | 1817.71 | -1.36 | 3.75 | 1817.60 | 5.32                        | 1819.21 | 3.75 | 1817.60 | -1.60 | 12.15 |
| 72458.73 | -4.37                       | -6.87 | 1821.84 | -3.75 | 1817.47   | 1817.58 | -1.45 | 3.75 | 1817.47 | 5.23                        | 1818.62 | 3.75 | 1817.47 | -1.15 | 12.10 |
| 72478.73 | -3.57                       | -6.71 | 1820.92 | -3.75 | 1817.34   | 1817.45 | -1.08 | 3.75 | 1817.34 | 5.12                        | 1817.92 | 3.75 | 1817.34 | -0.58 | 11.83 |
| 72498.73 | -1.66                       | -5.33 | 1818.89 | -3.75 | 1817.22   | 1817.33 | -8.4  | 3.75 | 1817.22 | 4.44                        | 1817.22 | 3.75 | 1817.22 | 0.00  | 9.77  |
| 72518.73 | -1.93                       | -5.39 | 1819.13 | -3.75 | 1817.20   | 1817.31 | -7.3  | 3.75 | 1817.20 | 4.68                        | 1817.20 | 3.75 | 1817.20 | 0.00  | 10.06 |
| 72538.73 | -1.26                       | -5.25 | 1818.56 | -3.75 | 1817.30   | 1817.41 | -6.8  | 3.75 | 1817.30 | 4.87                        | 1817.30 | 3.75 | 1817.30 | 0.00  | 10.12 |
| 72558.73 | -2.09                       | -5.42 | 1819.63 | -3.75 | 1817.54   | 1817.65 | -0.6  | 3.75 | 1817.54 | 4.65                        | 1817.54 | 3.75 | 1817.54 | 0.00  | 10.06 |
| 72578.73 | -2.23                       | -5.45 | 1820.14 | -3.75 | 1817.91   | 1819.02 | 2.7   | 3.75 | 1817.91 | 4.18                        | 1817.91 | 3.75 | 1817.91 | 0.00  | 9.62  |
| 72598.73 | -2.29                       | -5.46 | 1820.61 | -3.75 | 1818.32   | 1818.43 | 3.6   | 3.75 | 1818.32 | 5.09                        | 1817.90 | 3.75 | 1818.32 | 4.2   | 10.55 |
| 72618.73 | -2.53                       | -5.51 | 1821.25 | -3.75 | 1818.72   | 1818.83 | 1.4   | 3.75 | 1818.72 | 4.99                        | 1819.37 | 3.75 | 1818.72 | 3.6   | 10.50 |
| 72638.73 | -2.23                       | -5.45 | 1821.25 | -3.75 | 1819.02   | 1819.13 | -1.25 | 3.75 | 1819.02 | 5.75                        | 1818.16 | 3.75 | 1819.02 | 8.6   | 11.20 |

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SURFACES

| PK        | ASSIETTE TOTALE | REMBLAIS | DEBLAIS | TALUS | REMBLAIS | DEBLAIS | SURFACES ELEM | SURFACES CUMULEE | SURFACES ELEM | SURFACES CUMULEE | ELEMENT | LONGUEUR FOSSE |
|-----------|-----------------|----------|---------|-------|----------|---------|---------------|------------------|---------------|------------------|---------|----------------|
| 71873.73* | 42008           | 57       | 58959*  | 185   | 49       | 16389   | 40            | 14993*           | 20.01         | 9418*            |         |                |
| 71880.73* | 42037           | 29       | 59161*  | 202   | 5        | 16394   | 42            | 15035*           | 37.05         | 9455*            |         |                |
| 71918.73* | 42145           | 108      | 59331*  | 190   | 79       | 16472   | 43            | 15078*           | 22.93         | 9478*            |         |                |
| 71938.73* | 42254           | 108      | 59571*  | 220   | 89       | 16561   | 52            | 15130*           | 20.77         | 9499*            |         |                |
| 71958.73* | 42254           | 0        | 59430*  | 258   | 0        | 16561   | 59            | 15189*           | 40.00         | 9539*            |         |                |
| 71978.73* | 42293           | 39       | 60070*  | 240   | 18       | 16579   | 66            | 15255*           | 23.55         | 9562*            |         |                |
| 71998.73* | 42354           | 103      | 60773*  | 203   | 52       | 16631   | 110           | 15355*           | 20.00         | 9582*            |         |                |
| 72018.73* | 42460           | 54       | 60505*  | 232   | 23       | 16654   | 107           | 15472*           | 25.04         | 9607*            |         |                |
| 72038.73* | 42460           | 0        | 60773*  | 270   | 0        | 16654   | 80            | 15552*           | 40.00         | 9647*            |         |                |
| 72058.73* | 42460           | 0        | 61032*  | 256   | 0        | 16654   | 68            | 15619*           | 40.00         | 9687*            |         |                |
| 72078.73* | 42462           | 2        | 61287*  | 255   | 1        | 16655   | 49            | 15658*           | 40.00         | 9727*            |         |                |
| 72098.73* | 42460           | -2       | 61496*  | 209   | 6        | 16661   | 30            | 15698*           | 36.77         | 9764*            |         |                |
| 72118.73* | 42488           | 28       | 61717*  | 221   | 7        | 16668   | 32            | 15729*           | 34.82         | 9799*            |         |                |
| 72138.73* | 42488           | 0        | 61954*  | 238   | 0        | 16668   | 28            | 15759*           | 40.00         | 9839*            |         |                |
| 72158.73* | 42488           | 0        | 62193*  | 239   | 0        | 16668   | 34            | 15791*           | 40.00         | 9879*            |         |                |
| 72178.73* | 42514           | 26       | 62415*  | 222   | 3        | 16671   | 30            | 15822*           | 37.40         | 9916*            |         |                |
| 72198.73* | 42584           | 71       | 62612*  | 197   | 64       | 16735   | 28            | 15849*           | 20.00         | 9936*            |         |                |
| 72218.73* | 42643           | 64       | 62813*  | 200   | 60       | 16795   | 24            | 15873*           | 20.00         | 9956*            |         |                |
| 72238.73* | 42667           | 19       | 63021*  | 209   | 0        | 16795   | 43            | 15917*           | 39.34         | 9996*            |         |                |
| 72258.73* | 42667           | 0        | 63241*  | 220   | 0        | 16795   | 53            | 15969*           | 40.00         | 10035*           |         |                |
| 72278.73* | 42667           | 0        | 63473*  | 234   | 0        | 16795   | 26            | 15996*           | 40.00         | 10076*           |         |                |
| 72298.73* | 42667           | 0        | 63727*  | 252   | 0        | 16795   | 22            | 16018*           | 40.00         | 10116*           |         |                |
| 72318.73* | 42667           | 0        | 63991*  | 254   | 0        | 16795   | 29            | 16047*           | 40.00         | 10154*           |         |                |
| 72338.73* | 42667           | 0        | 64204*  | 224   | 0        | 16795   | 39            | 16085*           | 40.00         | 10196*           |         |                |
| 72358.73* | 42727           | 60       | 64353*  | 149   | 8        | 16803   | 39            | 16124*           | 29.12         | 10225*           |         |                |
| 72378.73* | 42816           | 90       | 64465*  | 112   | 13       | 16816   | 41            | 16165*           | 22.59         | 10248*           |         |                |
| 72398.73* | 42846           | 30       | 64637*  | 172   | 0        | 16816   | 51            | 16216*           | 40.00         | 10288*           |         |                |
| 72418.73* | 42846           | 0        | 64861*  | 242   | 0        | 16816   | 41            | 16257*           | 40.00         | 10328*           |         |                |
| 72438.73* | 42846           | 0        | 65102*  | 242   | 0        | 16816   | 49            | 16306*           | 40.00         | 10368*           |         |                |
| 72458.73* | 42846           | 0        | 65345*  | 243   | 0        | 16816   | 54            | 16360*           | 40.00         | 10408*           |         |                |
| 72478.73* | 42846           | 0        | 65586*  | 239   | 0        | 16816   | 37            | 16397*           | 40.00         | 10448*           |         |                |
| 72498.73* | 42846           | 0        | 65808*  | 216   | 0        | 16816   | 36            | 16433*           | 40.00         | 10488*           |         |                |
| 72518.73* | 42846           | 0        | 65998*  | 198   | 0        | 16816   | 53            | 16486*           | 40.00         | 10528*           |         |                |
| 72538.73* | 42846           | 0        | 66200*  | 202   | 0        | 16816   | 53            | 16538*           | 40.00         | 10568*           |         |                |
| 72558.73* | 42846           | 0        | 66402*  | 202   | 0        | 16816   | 54            | 16593*           | 40.00         | 10608*           |         |                |
| 72578.73* | 42883           | 37       | 66562*  | 160   | 0        | 16816   | 57            | 16650*           | 40.01         | 10648*           |         |                |
| 72598.73* | 42975           | 92       | 66722*  | 109   | 13       | 16820   | 46            | 16696*           | 22.10         | 10670*           |         |                |
| 72618.73* | 43081           | 106      | 66776*  | 104   | 28       | 16857   | 49            | 16746*           | 20.00         | 10690*           |         |                |
| 72638.73* | 43171           | 90       | 66903*  | 127   | 36       | 16893   | 48            | 16794*           | 20.00         | 10710*           |         |                |



TABLEAU. 1  
DEPARTEMENT RWA  
CALCUL DE TERRASSEMENTS  
ROUTE KI-  
PAGE NO 440  
DATE 16/04/75

| PK                   | TALUS ET ELEMENTS DE GAUCHE   | COIFFE DENI-                                     | TALUS ET ELEMENTS DE DROITE | LARG.   |
|----------------------|---|--|-----------------------------|---------|
|                      | HAUT. LIM. D'ASSIETTE LIM. PLATEFORME PROJETE VEL- LIM. PLATEFORME LIM. D'ASSIETTE HAUT. ASS. | ARSC COTE ARSC COTE SUR L AXE LEE COTE ARSC COTE |                             |         |
| NONNEES GEOMETRIQUES |   |  |                             |         |
| 72658.73             | -3.19   | -3.75  | 1819.18                     | 1819.20 |
| 72678.73             | -3.24   | -3.75  | 1819.20                     | 1819.31 |
| 72698.73             | -1.95   | -3.75  | 1819.15                     | 1819.25 |
| 72718.73             | -1.66   | -3.75  | 1819.10                     | 1819.21 |
| 72738.73             | -5.48   | -3.75  | 1819.04                     | 1819.15 |
| 72758.73             | -4.38   | -3.75  | 1819.09                     | 1819.10 |
| 72778.73             | -5.27   | -3.75  | 1818.99                     | 1819.05 |
| 72798.73             | -6.21   | -3.75  | 1818.88                     | 1818.99 |
| 72818.73             | -8.22   | -3.75  | 1818.83                     | 1818.94 |
| 72838.73             | -7.06   | -3.75  | 1818.78                     | 1818.89 |
| 72858.73             | -8.88   | -3.75  | 1818.73                     | 1818.84 |
| 72878.73             | -8.88   | -3.75  | 1818.68                     | 1818.79 |
| 72898.73             | -9.31   | -3.75  | 1818.62                     | 1818.73 |
| 72918.73             | -6.96   | -3.75  | 1818.57                     | 1818.68 |
| 72938.73             | -4.60   | -3.75  | 1818.52                     | 1818.63 |
| 72958.73             | -2.78   | -3.75  | 1818.47                     | 1818.58 |
| 72978.73             | -1.72   | -3.75  | 1818.42                     | 1818.53 |
| 73018.73             | .00   | -3.75  | 1818.37                     | 1818.48 |
| 73038.73             | .00   | -3.75  | 1818.32                     | 1818.43 |
| 73058.73             | -.04  | -3.75  | 1818.27                     | 1818.38 |
| 73078.73             | -.24  | -3.75  | 1818.22                     | 1818.33 |
| 73098.73             | -.20  | -3.75  | 1818.17                     | 1818.28 |
| 73118.73             | -.10  | -3.75  | 1818.12                     | 1818.23 |
| 73138.73             | -.17  | -3.75  | 1818.07                     | 1818.18 |
| 73158.73             | -.18  | -3.75  | 1818.02                     | 1818.13 |
| 73178.73             | -.18  | -3.75  | 1817.97                     | 1818.08 |
| 73198.73             | -.02  | -3.75  | 1817.92                     | 1818.03 |
| 73218.73             | .13   | -3.75  | 1817.87                     | 1817.98 |
| 73238.73             | -.10  | -3.75  | 1817.82                     | 1817.93 |
| 73258.73             | -.55  | -3.75  | 1817.77                     | 1817.88 |
| 73278.73             | -1.96   | -3.75  | 1817.72                     | 1817.83 |
| 73298.73             | -4.29   | -3.75  | 1817.67                     | 1817.78 |
| 73318.73             | -5.20   | -3.75  | 1817.62                     | 1817.73 |
| 73338.73             | -4.38   | -3.75  | 1817.57                     | 1817.68 |
| 73358.73             | -2.02   | -3.75  | 1817.52                     | 1817.63 |
| 73378.73             | -4.41   | -3.75  | 1817.47                     | 1817.58 |
| 73398.73             | -9.25   | -3.75  | 1817.42                     | 1817.53 |
| 73418.73             | -9.87   | -3.75  | 1817.37                     | 1817.48 |

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CUBATURES

| PK       | SURF | VOL.ELEM | SURF  | DEBLAIS | VOL.ELEM | CURULE | ELEMENTAIRE | NATURE | ABSC 1 | ABSC 2  | DEBLAI |        |
|----------|------|----------|-------|---------|----------|--------|-------------|--------|--------|---------|--------|--------|
|          |      |          |       |         |          |        |             |        |        |         |        |        |
| 72650.73 | 1.12 | 32.9     | 14.72 | 246.6   | 18566    | -213.8 |             |        |        |         | 34479  | 168564 |
| 72678.73 | .54  | 16.6     | 14.15 | 288.7   | 18683    | -272.1 |             |        |        |         | 34496  | 158852 |
| 72698.73 | 3.58 | 41.2     | 7.81  | 219.6   | 18724    | -178.4 |             |        |        |         | 34537  | 169072 |
| 72718.73 | 5.31 | 89.0     | 7.30  | 151.1   | 18813    | -62.1  |             |        |        |         | 34626  | 159223 |
| 72738.73 | 0.00 | 53.1     | 24.80 | 321.0   | 18865    | -267.9 |             |        |        |         | 34679  | 163544 |
| 72758.73 | 5.08 | 50.8     | 12.75 | 189.7   | 18917    | -324.7 |             |        |        |         | 34730  | 169519 |
| 72778.73 | 0.00 | 50.6     | 23.58 | 367.3   | 18969    | -316.5 |             |        |        |         | 34781  | 170237 |
| 72798.73 | 2.99 | 29.9     | 20.87 | 448.5   | 18998    | -418.6 |             |        |        |         | 34811  | 170735 |
| 72818.73 | 2.03 | 50.2     | 22.24 | 431.0   | 19048    | -380.8 |             |        |        |         | 34861  | 171156 |
| 72838.73 | 2.53 | 45.6     | 15.10 | 373.3   | 19093    | -327.8 |             |        |        |         | 34907  | 171540 |
| 72858.73 | 2.15 | 46.8     | 38.91 | 540.1   | 19140    | -493.3 |             |        |        |         | 34953  | 172080 |
| 72878.73 | 0.00 | 21.5     | 50.04 | 829.5   | 19162    | -868.0 |             |        |        |         | 34975  | 172969 |
| 72898.73 | .16  | 1.6      | 31.71 | 817.5   | 19163    | -815.9 |             |        |        |         | 34976  | 173787 |
| 72918.73 | 1.21 | 13.7     | 21.22 | 529.3   | 19177    | -515.6 |             |        |        |         | 34990  | 174316 |
| 72938.73 | 0.00 | 12.1     | 15.24 | 364.5   | 19189    | -352.4 |             |        |        |         | 35002  | 174680 |
| 72958.73 | 0.00 | 0.0      | 21.05 | 362.9   | 19189    | -362.9 |             |        |        |         | 35002  | 175043 |
| 72978.73 | .27  | 2.7      | 16.19 | 372.3   | 19192    | -369.7 |             |        |        |         | 35005  | 175416 |
| 72998.73 | .06  | 3.3      | 3.17  | 193.5   | 19195    | -190.2 |             |        |        |         | 35009  | 175609 |
| 73018.73 | 2.70 | 27.7     | .01   | 31.9    | 19223    | -4.2   |             |        | -22684 | -751.82 | 35036  | 175641 |
| 73038.73 | 3.19 | 59.0     | -0.00 | .1      | 19223    | 58.8   |             |        |        |         | 35095  | 175641 |
| 73058.73 | 2.63 | 58.3     | .00   | .0      | 19223    | 58.2   |             |        |        |         | 35153  | 175641 |
| 73078.73 | 2.30 | 49.3     | .03   | .3      | 19223    | 49.0   |             |        |        |         | 35202  | 175642 |
| 73098.73 | 2.00 | 42.9     | .02   | .6      | 19224    | 42.4   |             |        |        |         | 35265  | 175642 |
| 73118.73 | 2.59 | 45.9     | .01   | .3      | 19224    | 45.5   |             |        |        |         | 35291  | 175642 |
| 73138.73 | 1.91 | 45.0     | .02   | .3      | 19225    | 44.7   |             |        |        |         | 35336  | 175643 |
| 73158.73 | 2.78 | 46.9     | .02   | .4      | 19225    | 46.6   |             |        |        |         | 35333  | 175643 |
| 73178.73 | 1.02 | 38.0     | .02   | .4      | 19225    | 37.6   |             |        |        |         | 35421  | 175644 |
| 73198.73 | 2.93 | 39.5     | .00   | .2      | 19225    | 39.3   |             |        |        |         | 35451  | 175644 |
| 73218.73 | 4.54 | 74.6     | -0.00 | .0      | 19225    | 74.6   |             |        |        |         | 35535  | 175644 |
| 73238.73 | 4.00 | 85.4     | .02   | .2      | 19226    | 85.2   |             |        | 582    | -115.50 | 35621  | 175644 |
| 73258.73 | 0.00 | 40.0     | 7.82  | 78.4    | 19266    | -38.4  |             |        |        |         | 35661  | 175722 |
| 73278.73 | 0.00 | 0.0      | 13.09 | 209.1   | 19266    | -209.1 |             |        |        |         | 35661  | 175931 |
| 73298.73 | 0.00 | 0.0      | 21.02 | 341.1   | 19266    | -341.1 |             |        |        |         | 35661  | 176272 |
| 73318.73 | 0.00 | 0.0      | 35.60 | 566.2   | 19266    | -566.2 |             |        |        |         | 35661  | 176839 |
| 73338.73 | 0.00 | 0.0      | 24.49 | 600.9   | 19266    | -600.9 |             |        |        |         | 35661  | 177440 |
| 73358.73 | 3.46 | 34.6     | 5.75  | 302.4   | 19300    | -267.8 |             |        |        |         | 35695  | 177742 |
| 73378.73 | 2.51 | 59.7     | 18.37 | 241.2   | 19360    | -181.5 |             |        |        |         | 35755  | 177983 |
| 73398.73 | 1.48 | 39.8     | 37.50 | 554.7   | 19400    | -518.9 |             |        |        |         | 35795  | 178542 |
| 73418.73 | 0.00 | 14.8     | 60.51 | 980.1   | 19415    | -965.3 |             |        |        |         | 35810  | 179522 |

TARLEAU. 3  
 DEPARTEMENT RWA  
 CALCUL DE TERRASSEMENTS  
 ROUTE KI-  
 PAGE NO 440  
 DATE 16/04/75

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SURFACES

| PK        | ELEM | CUMULEE | FLE | SURFACES | REMBLAIS | DERLAIS | TALUS | FOSSE  | CUMULEE | ELEM   | CUMULEE |
|-----------|------|---------|-----|----------|----------|---------|-------|--------|---------|--------|---------|
| 72658.73* | 97   | 43268   | 136 | 67039*   | 46       | 16940   | 25    | 14919* | 20.00   | 10730* |         |
| 72678.73* | 55   | 43324   | 155 | 67229*   | 48       | 16987   | 4     | 16823* | 20.00   | 10750* |         |
| 72698.73* | 106  | 43430   | 135 | 67359*   | 55       | 17042   | 22    | 16345* | 20.00   | 10770* |         |
| 72718.73* | 110  | 43540   | 141 | 67500*   | 79       | 17121   | 37    | 16382* | 20.00   | 10790* |         |
| 72738.73* | 59   | 43600   | 191 | 67691*   | 28       | 17149   | 44    | 16927* | 27.05   | 10817* |         |
| 72758.73* | 77   | 43677   | 185 | 67875*   | 20       | 17169   | 42    | 15069* | 29.66   | 10847* |         |
| 72778.73* | 77   | 43754   | 182 | 68057*   | 33       | 17202   | 39    | 17008* | 22.68   | 10870* |         |
| 72798.73* | 145  | 43799   | 70  | 68127*   | 34       | 17236   | 27    | 17034* | 14.09   | 10894* |         |
| 72818.73* | 151  | 44050   | 153 | 68280*   | 62       | 17298   | 17    | 17052* | 20.00   | 10904* |         |
| 72838.73* | 173  | 44223   | 139 | 68419*   | 58       | 17357   | 18    | 17070* | 20.00   | 10924* |         |
| 72858.73* | 131  | 44354   | 185 | 68504*   | 59       | 17416   | 25    | 17055* | 20.00   | 10944* |         |
| 72878.73* | 32   | 44387   | 272 | 68876*   | 14       | 17430   | 47    | 17142* | 20.25   | 10973* |         |
| 72898.73* | 9    | 44395   | 273 | 69150*   | 5        | 17435   | 37    | 17179* | 40.01   | 11013* |         |
| 72918.73* | 102  | 44458   | 114 | 69264*   | 35       | 17470   | 7     | 17186* | 22.24   | 11035* |         |
| 72938.73* | 104  | 44602   | 107 | 69370*   | 14       | 17484   | 13    | 17199* | 22.32   | 11057* |         |
| 72958.73* | 0    | 44602   | 254 | 69625*   | 0        | 17484   | 28    | 17227* | 40.02   | 11097* |         |
| 72978.73* | 14   | 44616   | 223 | 69848*   | 0        | 17484   | 44    | 17270* | 39.62   | 11137* |         |
| 72998.73* | 40   | 44656   | 159 | 70007*   | 1        | 17486   | 50    | 17320* | 38.25   | 11175* |         |
| 73018.73* | 174  | 44767   | 65  | 70072*   | 0        | 17486   | 22    | 17342* | 37.25   | 11213* |         |
| 73038.73* | 190  | 44941   | 2   | 70074*   | 5        | 17491   | 2     | 17344* | 19.93   | 11233* |         |
| 73058.73* | 179  | 45120   | 1   | 70074*   | 10       | 17502   | 0     | 17344* | 19.76   | 11252* |         |
| 73078.73* | 173  | 45299   | 3   | 70079*   | 12       | 17513   | 3     | 17347* | 20.00   | 11272* |         |
| 73098.73* | 168  | 45472   | 5   | 70093*   | 7        | 17520   | 5     | 17352* | 20.00   | 11292* |         |
| 73130.73* | 166  | 45640   | 5   | 70098*   | 1        | 17521   | 4     | 17355* | 33.60   | 11326* |         |
| 73158.73* | 169  | 45806   | 5   | 70092*   | 0        | 17521   | 4     | 17360* | 40.00   | 11366* |         |
| 73178.73* | 171  | 46146   | 4   | 70097*   | 2        | 17523   | 4     | 17363* | 26.44   | 11392* |         |
| 73198.73* | 184  | 46317   | 4   | 70101*   | 5        | 17528   | 4     | 17367* | 20.00   | 11412* |         |
| 73218.73* | 184  | 46501   | 2   | 70104*   | 3        | 17531   | 2     | 17369* | 20.00   | 11432* |         |
| 73238.73* | 196  | 46598   | 2   | 70104*   | 14       | 17545   | 0     | 17369* | 2.41    | 11435* |         |
| 73258.73* | 98   | 46796   | 2   | 70106*   | 26       | 17572   | 1     | 17370* | 11.28   | 11446* |         |
| 73278.73* | 0    | 46796   | 105 | 70211*   | 9        | 17581   | 18    | 17389* | 28.33   | 11474* |         |
| 73298.73* | 0    | 46796   | 207 | 70413*   | 0        | 17581   | 37    | 17425* | 40.01   | 11514* |         |
| 73318.73* | 0    | 46796   | 225 | 70544*   | 0        | 17581   | 48    | 17472* | 40.01   | 11544* |         |
| 73338.73* | 0    | 46796   | 257 | 70901*   | 0        | 17581   | 46    | 17518* | 40.01   | 11594* |         |
| 73358.73* | 67   | 46796   | 256 | 71157*   | 0        | 17581   | 43    | 17561* | 40.01   | 11634* |         |
| 73378.73* | 106  | 46863   | 166 | 71322*   | 7        | 17588   | 42    | 17602* | 33.95   | 11668* |         |
| 73398.73* | 68   | 47038   | 138 | 71461*   | 53       | 17641   | 35    | 17637* | 20.00   | 11688* |         |
| 73418.73* | 30   | 47068   | 217 | 71678*   | 61       | 17702   | 48    | 17685* | 20.00   | 11708* |         |
|           |      |         | 264 | 71942*   | 3        | 17705   | 75    | 17760* | 32.35   | 11747* |         |

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DONNES GEOMETRIQUES

| PK        | TALUS ET ELEMENTS NE GAUCHE | COITE * DENI-          | TALUS ET ELEMENTS DE DROITE | LARG.         |
|-----------|-----------------------------|------------------------|-----------------------------|---------------|
|           | * HAUT. LIM. D'ASSIETTE     | * VEL- LIM. PLATEFORME | * HAUT. ASS.                |               |
|           | * ARSC * COTE * SUR L AXE   | * LEE * ARSC * COTE    | * ARSC * COTE               |               |
| 73438.73* | -9.18                       | -3.75 1819.10*1819.21* | 3.75 1819.10                | 0.00* 13.76*  |
| 73446.73* | -6.62                       | -3.75 1818.77*1818.88* | 3.75 1818.77                | -0.43* 13.41* |
| 73478.73* | -7.48                       | -3.75 1818.29*1818.40* | 3.75 1818.29                | -0.22* 13.54* |
| 73498.73* | -8.71                       | -3.75 1817.09*1818.00* | 3.75 1817.89                | -0.40* 13.82* |
| 73518.73* | -4.09                       | -3.75 1817.69*1817.80* | 3.75 1817.69                | 0.00* 11.04*  |
| 73538.73* | -7.25                       | -3.75 1817.89*1818.00* | 3.75 1817.89                | 0.00* 12.75*  |
| 73558.73* | -7.34                       | -3.75 1818.19*1818.30* | 3.75 1818.19                | -0.16* 13.98* |
| 73578.73* | -2.76                       | -3.75 1818.43*1818.54* | 3.75 1818.43                | 1.24* 14.99*  |
| 73598.73* | -3.36                       | -3.75 1818.53*1818.64* | 3.75 1818.53                | -0.77* 14.21* |
| 73618.73* | -8.02                       | -3.75 1818.62*1818.73* | 3.75 1818.62                | -0.64* 13.78* |
| 73638.73* | -8.28                       | -3.75 1818.73*1818.84* | 3.75 1818.73                | 3.88* 17.12*  |
| 73658.73* | -4.26                       | -3.75 1818.84*1818.95* | 3.75 1818.84                | 10.27 1814.48 |
| 73678.73* | -1.67                       | -3.75 1818.95*1819.06* | 3.75 1818.95                | 10.12 1814.35 |
| 73698.73* | .01                         | -3.75 1819.06*1819.17* | 3.75 1819.06                | 9.46 1814.57  |
| 73718.73* | -7.60                       | -3.75 1819.17*1819.28* | 3.75 1819.17                | 5.06 1817.79  |
| 73738.73* | -7.92                       | -3.75 1819.28*1819.39* | 3.75 1819.28                | 5.11 1818.00  |
| 73758.73* | -9.49                       | -3.75 1819.39*1819.50* | 3.75 1819.39                | 5.00 1817.26  |
| 73778.73* | -4.60                       | -3.75 1819.50*1819.61* | 3.75 1819.50                | 5.03 1817.19  |
| 73798.73* | -4.23                       | -3.75 1819.61*1819.72* | 3.75 1819.61                | 4.72 1816.85  |
| 73818.73* | -8.23                       | -3.75 1819.72*1819.83* | 3.75 1819.72                | 4.31 1816.71  |
| 73838.73* | -10.19                      | -3.75 1819.83*1819.94* | 3.75 1819.83                | 5.10 1817.12  |
| 73858.73* | -8.29                       | -3.75 1819.94*1820.05* | 3.75 1819.94                | 5.05 1816.77  |
| 73878.73* | -4.67                       | -3.75 1820.05*1820.16* | 3.75 1820.05                | 5.63 1816.65  |
| 73898.73* | -1.32                       | -3.75 1820.16*1820.27* | 3.75 1820.16                | 4.73 1816.17  |
| 73918.73* | -2.17                       | -3.75 1820.27*1820.38* | 3.75 1820.27                | 5.01 1816.32  |
| 73938.73* | -1.73                       | -3.75 1820.38*1820.49* | 3.75 1820.38                | 5.50 1815.48  |
| 73958.73* | -1.62                       | -3.75 1820.49*1820.60* | 3.75 1820.49                | 5.51 1815.39  |
| 73978.73* | -0.82                       | -3.75 1820.60*1820.71* | 3.75 1820.60                | 6.40 1814.75  |
| 73998.73* | -0.58                       | -3.75 1820.71*1820.82* | 3.75 1820.71                | 8.29 1813.49  |
| 74018.73* | -5.71                       | -3.75 1820.82*1820.93* | 3.75 1820.82                | 5.24 1816.78  |
| 74038.73* | -8.45                       | -3.75 1820.93*1821.04* | 3.75 1820.93                | 5.89 1817.77  |
| 74058.73* | -9.72                       | -3.75 1821.04*1821.15* | 3.75 1821.04                | 5.46 1817.52  |
| 74078.73* | -9.03                       | -3.75 1821.15*1821.26* | 3.75 1821.15                | 5.63 1818.07  |
| 74098.73* | -4.88                       | -3.75 1821.26*1821.37* | 3.75 1821.26                | 9.26 1813.00  |
| 74118.73* | .36                         | -3.75 1821.37*1821.48* | 3.75 1821.37                | 10.11 1817.47 |
| 74138.73* | -2.11                       | -3.75 1821.48*1821.59* | 3.75 1821.48                | 10.29 1818.38 |
| 74158.73* | -7.62                       | -3.75 1821.59*1821.70* | 3.75 1821.59                | 5.15 1817.09  |
| 74178.73* | -7.59                       | -3.75 1821.70*1821.81* | 3.75 1821.70                | -0.77* 13.68* |
| 74198.73* | -7.16                       | -3.75 1821.81*1821.92* | 3.75 1821.81                | 5.51 1817.87  |
| 74218.73* | -2.58                       | -3.75 1821.92*1822.03* | 3.75 1821.92                | 5.52 1818.96  |
| 74238.73* | -2.58                       | -3.75 1822.03*1822.14* | 3.75 1822.03                | -2.58* 13.95* |

TABLEAU 2  
 DEPARTEMENT RWA  
 CALCUL DE TERRASSEMENTS  
 ROUTE KI-  
 DATE 16/04/75  
 PARE NO 480

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CUBATURES

| PK       | SURF  | VOL.ELEM | SURF  | VOL.FLEM | CUMULE | ELEMENTAIRE | NATURE | DE | MEME | ABSC 1 | ABSC 2 | REPERLAI | DELAJ  |
|----------|-------|----------|-------|----------|--------|-------------|--------|----|------|--------|--------|----------|--------|
|          |       |          |       |          |        |             |        |    |      |        |        |          |        |
| 73439.73 | 0.00  | 0.0      | 48.68 | 1091.9   | 19415  | -1091.9     |        |    |      |        |        | 35810    | 160614 |
| 73458.73 | 0.00  | 0        | 26.50 | 751.7    | 19415  | -751.7      |        |    |      |        |        | 35810    | 181366 |
| 73478.73 | 0.00  | 0        | 25.70 | 531.9    | 19415  | -531.9      |        |    |      |        |        | 35810    | 181898 |
| 73498.73 | 0.00  | 0.0      | 35.01 | 617.1    | 19415  | -617.1      |        |    |      |        |        | 35010    | 182515 |
| 73518.73 | 0.00  | 0.0      | 12.05 | 470.6    | 19415  | -470.6      |        |    |      |        |        | 35810    | 182965 |
| 73538.73 | 0.00  | 0.0      | 20.68 | 327.3    | 19415  | -327.3      |        |    |      |        |        | 35810    | 183313 |
| 73558.73 | 0.00  | 0.0      | 20.88 | 415.7    | 19415  | -415.7      |        |    |      |        |        | 35810    | 183728 |
| 73578.73 | 0.00  | 0.0      | 41.10 | 615.9    | 19415  | -619.9      |        |    |      |        |        | 35810    | 184348 |
| 73598.73 | 2.32  | 23.2     | 33.29 | 744.0    | 19438  | -720.8      |        |    |      |        |        | 35833    | 185092 |
| 73618.73 | 1.64  | 39.6     | 32.75 | 660.5    | 19477  | -620.9      |        |    |      |        |        | 35872    | 185753 |
| 73638.73 | 0.00  | 16.4     | 34.53 | 572.8    | 19494  | -656.4      |        |    |      |        |        | 35889    | 186425 |
| 73658.73 | 9.35  | 93.5     | 3.68  | 302.1    | 19587  | -288.5      |        |    |      |        |        | 35982    | 186807 |
| 73678.73 | 11.68 | 210.3    | 1.28  | 49.6     | 19637  | -160.7      |        |    |      |        |        | 36193    | 186857 |
| 73698.73 | 9.53  | 212.2    | -0.00 | 12.8     | 19659  | -199.4      |        |    |      |        |        | 36405    | 186870 |
| 73718.73 | 0.00  | 31.8     | 19.06 | 127.1    | 19682  | -95.3       |        |    |      |        |        | 36437    | 186897 |
| 73738.73 | 0.00  | 0.0      | 33.65 | 527.1    | 19682  | -527.1      |        |    |      |        |        | 36437    | 187524 |
| 73758.73 | 0.00  | 0.0      | 36.46 | 701.0    | 19682  | -701.0      |        |    |      |        |        | 36437    | 188235 |
| 73778.73 | 0.00  | 0.0      | 14.16 | 505.1    | 19682  | -506.1      |        |    |      |        |        | 36437    | 188731 |
| 73798.73 | 0.00  | 0.0      | 14.45 | 285.1    | 19682  | -286.1      |        |    |      |        |        | 36437    | 189017 |
| 73818.73 | 0.00  | 0.0      | 20.96 | 354.1    | 19682  | -354.1      |        |    |      |        |        | 36437    | 189371 |
| 73838.73 | 0.00  | 0.0      | 40.59 | 615.5    | 19682  | -615.5      |        |    |      |        |        | 36437    | 189987 |
| 73858.73 | 0.00  | 0.0      | 23.31 | 639.0    | 19682  | -639.0      |        |    |      |        |        | 36437    | 190626 |
| 73878.73 | 6.0   | 6.0      | 3.86  | 271.7    | 19689  | -265.7      |        |    |      |        |        | 36443    | 190998 |
| 73898.73 | 5.9   | 11.9     | 1.54  | 54.0     | 19699  | -42.1       |        |    |      |        |        | 36455    | 190952 |
| 73918.73 | 0.00  | 21.9     | 8.02  | 95.6     | 19705  | -89.7       |        |    |      |        |        | 36461    | 191047 |
| 73938.73 | 2.19  | 44.7     | 1.97  | 104.2    | 19727  | -82.2       |        |    |      |        |        | 36482    | 191151 |
| 73958.73 | 2.28  | 53.8     | 1.07  | 43.6     | 19771  | -1.1        |        |    |      |        |        | 36527    | 191195 |
| 73978.73 | 3.10  | 141.1    | 0.59  | 30.3     | 19801  | 23.5        |        |    |      |        |        | 36531    | 191225 |
| 73998.73 | 11.00 | 110.0    | 27.05 | 16.5     | 19818  | 124.6       |        |    |      |        |        | 36722    | 191242 |
| 74018.73 | 0.00  | 0.0      | 66.54 | 936.3    | 19928  | -166.3      |        |    |      |        |        | 36832    | 191518 |
| 74038.73 | 0.00  | 0.0      | 70.83 | 1374.1   | 19928  | -936.3      |        |    |      |        |        | 36832    | 192454 |
| 74058.73 | 0.00  | 0.0      | 53.22 | 1240.5   | 19928  | -1374.1     |        |    |      |        |        | 36832    | 193829 |
| 74078.73 | 2.47  | 24.7     | 5.25  | 584.6    | 19952  | -560.0      |        |    |      |        |        | 36857    | 195069 |
| 74118.73 | 22.10 | 245.6    | -0.00 | 52.5     | 20005  | 193.2       |        |    |      |        |        | 37102    | 195706 |
| 74138.73 | 8.98  | 310.8    | 2.89  | 28.0     | 20034  | 281.9       |        |    |      |        |        | 37413    | 195735 |
| 74158.73 | 0.00  | 89.8     | 44.86 | 477.5    | 20124  | -387.7      |        |    |      |        |        | 37503    | 196213 |
| 74178.73 | 0.00  | 0.0      | 53.66 | 985.2    | 20124  | -985.2      |        |    |      |        |        | 37503    | 197198 |
| 74198.73 | 0.00  | 0.0      | 53.62 | 1072.8   | 20124  | -1072.8     |        |    |      |        |        | 37503    | 198271 |

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PROFOND

TABLEAU. 3 DEPARTEMENT PWA CALCUL DE TERRASSEMENTS ROUTE KI- DATE 16/04/75 PAGE NO 480

SURFACES

Table with columns: PK, ASSIETTE TOTALE, REMBLAIS, SURFACES, FLEM, CUMULEE, FLEM, CUMULEE, ELEM, CUMULEE, SURFACES, DEBLAIS, TALUS, REMBLAIS, SURFACES, DEBLAIS, ELEM, CUMULEE, LONGUEUR, FOSSE, CUMULEE. Rows list data for various PK values from 73438.73 to 74195.73.

XXXXXXXXXXXXXXXXXXXX  
XXXXXXXXXXXXXXXXXXXX

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DONNEES GEOMETRIQUES  
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| PK       | TALUS ET ELEMENTS DE GAUCHE           | COTE          | DENI-           | TALUS ET ELEMENTS DE DROITE | LARG.         |         |      |         |       |       |
|----------|---------------------------------------|---------------|-----------------|-----------------------------|---------------|---------|------|---------|-------|-------|
|          | HAUT. LIM. D'ASSIETTE LIM. PLATEFORME | PROJET * VEL- | LIM. PLATEFORME | LIM. D'ASSIETTE             | HAUT. ASS.    |         |      |         |       |       |
|          | * ARSC * COTE * ARSC * COTE           | * SUR L AXE   | * LEE           | * ARSC * COTE               | * ARSC * COTE |         |      |         |       |       |
| 74198.73 | -7.14                                 | -8.43         | 1823.55         | -3.75                       | 1816.38       | 1816.96 | 5.52 | 1816.38 | -2.58 | 13.95 |
| 74218.73 | -6.52                                 | -8.30         | 1822.94         | -3.75                       | 1816.41       | 1816.52 | 4.89 | 1816.41 | 0.00  | 13.20 |
| 74238.73 | -4.44                                 | -6.89         | 1820.89         | -3.75                       | 1816.45       | 1816.56 | 4.66 | 1816.45 | 1.13  | 11.54 |
| 74258.73 | -2.03                                 | -5.41         | 1818.52         | -3.75                       | 1816.48       | 1816.59 | 4.19 | 1816.48 | 1.15  | 11.59 |
| 74278.73 | -1.57                                 | -5.31         | 1818.09         | -3.75                       | 1816.52       | 1816.63 | 4.22 | 1816.52 | 0.09  | 9.91  |
| 74298.73 | -2.60                                 | -5.52         | 1819.15         | -3.75                       | 1816.55       | 1816.66 | 4.03 | 1816.55 | 1.04  | 11.53 |
| 74318.73 | -1.46                                 | -5.29         | 1819.04         | -3.75                       | 1816.58       | 1816.70 | 4.25 | 1816.58 | 4.88  | 10.47 |
| 74338.73 | -1.72                                 | -5.34         | 1819.34         | -3.75                       | 1816.62       | 1816.73 | 4.38 | 1816.62 | 4.93  | 10.28 |
| 74358.73 | -1.94                                 | -5.39         | 1819.62         | -3.75                       | 1816.67       | 1816.78 | 4.22 | 1816.67 | 5.06  | 10.45 |
| 74378.73 | -1.49                                 | -5.38         | 1819.63         | -3.75                       | 1816.74       | 1816.83 | 4.01 | 1816.74 | 5.03  | 10.41 |
| 74398.73 | -2.74                                 | -5.55         | 1819.60         | -3.75                       | 1816.86       | 1816.97 | 4.19 | 1816.86 | 5.08  | 10.62 |
| 74418.73 | -5.20                                 | -7.04         | 1822.21         | -3.75                       | 1817.00       | 1817.11 | 4.28 | 1817.00 | 5.03  | 12.06 |
| 74438.73 | -6.46                                 | -8.29         | 1823.62         | -3.75                       | 1817.16       | 1817.27 | 4.90 | 1817.16 | 4.49  | 12.79 |
| 74458.73 | -7.30                                 | -8.46         | 1824.62         | -3.75                       | 1817.32       | 1817.43 | 4.24 | 1817.32 | 4.51  | 12.97 |
| 74478.73 | -7.12                                 | -8.42         | 1824.59         | -3.75                       | 1817.47       | 1817.58 | 4.41 | 1817.47 | 7.76  | 16.18 |
| 74498.73 | -6.64                                 | -8.33         | 1824.28         | -3.75                       | 1817.63       | 1817.74 | 4.54 | 1817.63 | 5.71  | 14.04 |
| 74518.73 | -5.08                                 | -7.02         | 1822.87         | -3.75                       | 1817.78       | 1817.89 | 4.65 | 1817.78 | 7.04  | 14.06 |
| 74538.73 | -6.36                                 | -8.27         | 1824.31         | -3.75                       | 1817.94       | 1818.05 | 4.35 | 1817.94 | 6.45  | 14.73 |
| 74558.73 | -5.47                                 | -7.09         | 1823.57         | -3.75                       | 1818.10       | 1818.21 | 4.24 | 1818.10 | 6.81  | 13.90 |
| 74578.73 | -5.35                                 | -7.07         | 1823.61         | -3.75                       | 1818.25       | 1818.36 | 4.51 | 1818.25 | 6.89  | 13.96 |
| 74598.73 | -5.36                                 | -7.07         | 1823.78         | -3.75                       | 1818.41       | 1818.52 | 4.59 | 1818.41 | 7.19  | 14.26 |
| 74618.73 | -8.11                                 | -8.62         | 1824.68         | -3.75                       | 1818.57       | 1818.68 | 4.82 | 1818.57 | 6.92  | 15.54 |
| 74638.73 | -8.60                                 | -8.72         | 1827.33         | -3.75                       | 1818.72       | 1818.83 | 4.80 | 1818.72 | 6.96  | 15.68 |
| 74658.73 | -9.14                                 | -8.83         | 1829.02         | -3.75                       | 1818.88       | 1818.99 | 4.55 | 1818.88 | 8.19  | 17.01 |
| 74678.73 | -7.73                                 | -8.55         | 1826.71         | -3.75                       | 1819.04       | 1819.15 | 4.55 | 1819.04 | 8.99  | 17.54 |
| 74698.73 | -5.05                                 | -8.21         | 1825.07         | -3.75                       | 1819.19       | 1819.30 | 4.67 | 1819.19 | 10.21 | 18.42 |
| 74718.73 | -3.84                                 | -6.77         | 1822.79         | -3.75                       | 1819.35       | 1819.46 | 4.65 | 1819.35 | 13.63 | 20.40 |
| 74738.73 | -2.85                                 | -5.51         | 1821.34         | -3.75                       | 1819.51       | 1819.62 | 4.90 | 1819.51 | 11.16 | 16.67 |
| 74758.73 | -2.35                                 | -5.47         | 1820.98         | -3.75                       | 1819.67       | 1819.78 | 4.06 | 1819.67 | 5.05  | 10.52 |
| 74778.73 | -2.93                                 | -6.79         | 1822.37         | -3.75                       | 1819.83       | 1819.94 | 4.11 | 1819.83 | 4.52  | 10.31 |
| 74798.73 | -4.26                                 | -6.85         | 1822.51         | -3.75                       | 1819.99       | 1820.10 | 4.68 | 1819.99 | 7.27  | 14.12 |
| 74818.73 | -4.13                                 | -6.83         | 1822.20         | -3.75                       | 1820.15       | 1820.26 | 4.51 | 1820.15 | 7.59  | 14.41 |
| 74838.73 | -5.24                                 | -7.05         | 1823.13         | -3.75                       | 1820.31       | 1820.42 | 4.95 | 1820.31 | 4.02  | 11.07 |
| 74858.73 | -7.63                                 | -8.53         | 1825.32         | -3.75                       | 1820.47       | 1820.58 | 4.58 | 1820.47 | 8.87  | 17.40 |
| 74878.73 | -6.52                                 | -8.30         | 1824.09         | -3.75                       | 1820.63       | 1820.74 | 4.95 | 1820.63 | 8.10  | 16.41 |
| 74898.73 | -6.47                                 | -6.59         | 1821.97         | -3.75                       | 1820.79       | 1820.90 | 4.22 | 1820.79 | 7.61  | 14.50 |
| 74918.73 | -4.73                                 | -6.87         | 1821.84         | -3.75                       | 1820.95       | 1821.06 | 4.31 | 1820.95 | 6.52  | 13.38 |
| 74938.73 | -5.19                                 | -7.04         | 1822.61         | -3.75                       | 1821.11       | 1821.22 | 4.29 | 1821.11 | 3.90  | 10.93 |
| 74958.73 | -4.24                                 | -6.85         | 1822.03         | -3.75                       | 1821.27       | 1821.38 | 4.99 | 1821.27 | 8.29  | 15.13 |

| PK       | REMBLAIS | SURF  | VOL.FLEM | SUMF  | VOL.FLEM | DEPLAIS | TERRASSEMENTS<br>UTILIS. NON UTIL<br>DANS LE PROFIL | CURVATURES | ELEMENTAIRE<br>-D +R | MEME NATURE<br>-D +R | ABSC 1 | ABSC 2 | REMBLAI | DEPLAI | SOMME DE TERRASS.<br>DE | DE GRAVITE | VOLUME | CUMULE |
|----------|----------|-------|----------|-------|----------|---------|---|------------|----------------------|----------------------|--------|--------|---------|--------|-------------------------|------------|--------|--------|
| 74198.73 | 0.00     | 0.00  | 0.0      | 53.62 | -0.0     | 20124   | 0.0   |            |                      |                      |        |        | 37503   | 198271 |                         |            |        |        |
| 74218.73 | 0.00     | 0.0   | 39.17    | 927.9 | -927.9   | 20124   | 0.0   |            |                      |                      |        |        | 37503   | 199199 |                         |            |        |        |
| 74238.73 | .50      | 5.0   | 14.84    | 540.1 | -535.1   | 20129   | 5.0   |            |                      |                      |        |        | 37503   | 199739 |                         |            |        |        |
| 74258.73 | 1.56     | 20.5  | 2.77     | 176.0 | -155.5   | 20149   | 20.5  |            |                      |                      |        |        | 37528   | 199915 |                         |            |        |        |
| 74278.73 | 2.37     | 39.2  | 1.32     | 40.8  | -13.2    | 20189   | 39.2  |            |                      |                      |        |        | 37568   | 199956 |                         |            |        |        |
| 74298.73 | .80      | 31.7  | 3.17     | 44.9  | -13.2    | 20220   | 31.7  |            |                      |                      |        |        | 37599   | 200001 |                         |            |        |        |
| 74318.73 | 1.62     | 24.2  | 2.12     | 53.0  | -28.7    | 20245   | 24.2  |            |                      |                      |        |        | 37624   | 200054 |                         |            |        |        |
| 74338.73 | 1.30     | 29.2  | 5.19     | 73.1  | -43.9    | 20274   | 29.2  |            |                      |                      |        |        | 37453   | 200127 |                         |            |        |        |
| 74358.73 | 0.00     | 13.0  | 8.88     | 140.7 | -127.7   | 20287   | 13.0  |            |                      |                      |        |        | 37666   | 200267 |                         |            |        |        |
| 74378.73 | 0.00     | 0.0   | 6.38     | 152.6 | -152.6   | 20287   | 0.0   |            |                      |                      |        |        | 37446   | 200420 |                         |            |        |        |
| 74398.73 | 0.00     | 0.0   | 11.89    | 182.7 | -182.7   | 20287   | 0.0   |            |                      |                      |        |        | 37666   | 200420 |                         |            |        |        |
| 74418.73 | 0.00     | 0.0   | 31.04    | 428.4 | -428.4   | 20287   | 0.0   |            |                      |                      |        |        | 37666   | 201032 |                         |            |        |        |
| 74438.73 | 0.00     | 0.0   | 39.15    | 701.9 | -701.9   | 20287   | 0.0   |            |                      |                      |        |        | 37666   | 201734 |                         |            |        |        |
| 74458.73 | 0.00     | 0.0   | 26.74    | 674.9 | -674.9   | 20287   | 0.0   |            |                      |                      |        |        | 37456   | 202413 |                         |            |        |        |
| 74478.73 | 2.38     | 23.8  | 28.77    | 575.1 | -551.3   | 20311   | 23.8  |            |                      |                      |        |        | 37490   | 202888 |                         |            |        |        |
| 74498.73 | 2.01     | 43.9  | 25.35    | 541.2 | -497.3   | 20355   | 43.9  |            |                      |                      |        |        | 37734   | 203529 |                         |            |        |        |
| 74518.73 | 3.11     | 51.3  | 23.81    | 491.6 | -440.3   | 20406   | 51.3  |            |                      |                      |        |        | 37785   | 204021 |                         |            |        |        |
| 74538.73 | 2.64     | 59.5  | 25.39    | 492.0 | -432.4   | 20465   | 59.5  |            |                      |                      |        |        | 37344   | 204513 |                         |            |        |        |
| 74558.73 | 3.16     | 60.0  | 24.32    | 487.2 | -437.1   | 20525   | 60.0  |            |                      |                      |        |        | 37904   | 205010 |                         |            |        |        |
| 74578.73 | 4.11     | 72.7  | 20.40    | 447.3 | -374.5   | 20598   | 72.7  |            |                      |                      |        |        | 37777   | 205457 |                         |            |        |        |
| 74598.73 | 2.74     | 68.5  | 24.70    | 451.0 | -382.5   | 20667   | 68.5  |            |                      |                      |        |        | 38046   | 205908 |                         |            |        |        |
| 74618.73 | 5.31     | 80.5  | 39.76    | 644.5 | -564.1   | 20747   | 80.5  |            |                      |                      |        |        | 38126   | 206553 |                         |            |        |        |
| 74638.73 | 2.91     | 82.1  | 32.58    | 723.4 | -641.2   | 20829   | 82.1  |            |                      |                      |        |        | 38208   | 207276 |                         |            |        |        |
| 74658.73 | 5.83     | 87.4  | 37.72    | 702.9 | -615.6   | 20917   | 87.4  |            |                      |                      |        |        | 38296   | 207979 |                         |            |        |        |
| 74678.73 | 9.88     | 157.1 | 25.79    | 635.1 | -477.9   | 21074   | 157.1   |            |                      |                      |        |        | 38453   | 208614 |                         |            |        |        |
| 74698.73 | 12.13    | 220.1 | 19.07    | 448.6 | -228.5   | 21294   | 220.1   |            |                      |                      |        |        | 38673   | 209063 |                         |            |        |        |
| 74718.73 | 16.78    | 289.1 | 14.17    | 332.4 | -43.3    | 21531   | 289.1   |            |                      |                      |        |        | 38962   | 209395 |                         |            |        |        |
| 74738.73 | 10.39    | 271.6 | 10.77    | 249.4 | -22.1    | 21832   | 271.6   |            |                      |                      |        |        | 39234   | 209845 |                         |            |        |        |
| 74758.73 | 0.00     | 103.8 | 13.26    | 240.3 | -136.5   | 21936   | 103.8   |            |                      |                      |        |        | 39337   | 209845 |                         |            |        |        |
| 74778.73 | 0.00     | 0.0   | 17.32    | 305.8 | -305.8   | 21936   | 0.0   |            |                      |                      |        |        | 39337   | 210191 |                         |            |        |        |
| 74798.73 | 3.61     | 36.1  | 17.64    | 347.5 | -311.5   | 21972   | 36.1  |            |                      |                      |        |        | 39373   | 210538 |                         |            |        |        |
| 74818.73 | 5.08     | 86.9  | 14.06    | 324.0 | -311.5   | 21972   | 86.9  |            |                      |                      |        |        | 39460   | 210962 |                         |            |        |        |
| 74838.73 | 0.00     | 50.8  | 23.83    | 387.9 | -237.1   | 22059   | 50.8  |            |                      |                      |        |        | 39511   | 211250 |                         |            |        |        |
| 74858.73 | 3.76     | 37.4  | 26.46    | 522.9 | -337.1   | 22110   | 37.4  |            |                      |                      |        |        | 39549   | 211773 |                         |            |        |        |
| 74878.73 | 3.28     | 70.2  | 23.55    | 520.2 | -485.5   | 22147   | 70.2  |            |                      |                      |        |        | 39619   | 212293 |                         |            |        |        |
| 74898.73 | 5.53     | 88.1  | 14.53    | 380.8 | -450.0   | 22218   | 88.1  |            |                      |                      |        |        | 39707   | 212674 |                         |            |        |        |
| 74918.73 | 2.42     | 79.5  | 15.53    | 300.6 | -292.8   | 22306   | 79.5  |            |                      |                      |        |        | 39786   | 212975 |                         |            |        |        |
| 74938.73 | 0.00     | 24.2  | 20.11    | 356.5 | -221.1   | 22385   | 24.2  |            |                      |                      |        |        | 39810   | 213331 |                         |            |        |        |
| 74958.73 | 1.98     | 19.8  | 15.70    | 353.1 | -332.2   | 22409   | 19.8  |            |                      |                      |        |        | 39830   | 213684 |                         |            |        |        |

-9665\*-279.36 240.64  
22 -10.00 10.00



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SURFACES

| PK       | ASSIETTE TOTALE | DERLAIS | REPLAIS | TALUS | DERLAIS | REPLAIS | SURFACES | SURFACES | SURFACES | ELEM  | CUMULEE | ELEM  | CUMULEE | ELEM  | CUMULEE | LONGUEUR FOSSE |
|----------|-----------------|---------|---------|-------|---------|---------|----------|----------|----------|-------|---------|-------|---------|-------|---------|----------------|
|          | 0               | DERLAIS | REPLAIS |       | DERLAIS | REPLAIS | SURFACES | SURFACES | SURFACES | ELEM  | CUMULEE | ELEM  | CUMULEE | ELEM  | CUMULEE |                |
| 74198.73 | 0               | 49613   | 0       | 79936 | 0       | 18776   | 0        | 19559    | 0.00     | 19559 | 0.00    | 13013 | 0.00    | 13013 | 0.00    | 13013          |
| 74218.73 | 0               | 49613   | 271     | 80207 | 0       | 18776   | 0        | 19614    | 40.00    | 19614 | 40.00   | 13053 | 40.00   | 13053 | 40.00   | 13053          |
| 74238.73 | 47              | 49660   | 200     | 80407 | 1       | 18777   | 30       | 19644    | 38.06    | 19644 | 38.06   | 13091 | 78.06   | 13091 | 78.06   | 13091          |
| 74258.73 | 132             | 49793   | 99      | 80505 | 37      | 18814   | 35       | 19680    | 20.00    | 19680 | 20.00   | 13111 | 98.06   | 13111 | 98.06   | 13111          |
| 74278.73 | 164             | 49957   | 51      | 80557 | 36      | 18850   | 37       | 19716    | 20.00    | 19716 | 20.00   | 13131 | 118.06  | 13131 | 118.06  | 13131          |
| 74298.73 | 170             | 50127   | 45      | 80602 | 34      | 18885   | 42       | 19759    | 20.00    | 19759 | 20.00   | 13151 | 138.06  | 13151 | 138.06  | 13151          |
| 74318.73 | 165             | 50292   | 55      | 80637 | 41      | 18926   | 41       | 19800    | 20.00    | 19800 | 20.00   | 13171 | 158.06  | 13171 | 158.06  | 13171          |
| 74338.73 | 130             | 50422   | 77      | 80734 | 28      | 18954   | 32       | 19833    | 20.00    | 19833 | 20.00   | 13191 | 178.06  | 13191 | 178.06  | 13191          |
| 74358.73 | 55              | 50477   | 152     | 80886 | 4       | 18959   | 39       | 19872    | 33.13    | 19872 | 33.13   | 13224 | 211.19  | 13224 | 211.19  | 13224          |
| 74378.73 | 0               | 50477   | 209     | 81095 | 0       | 18959   | 44       | 19916    | 40.00    | 19916 | 40.00   | 13264 | 251.19  | 13264 | 251.19  | 13264          |
| 74398.73 | 0               | 50477   | 210     | 81305 | 0       | 18959   | 53       | 19969    | 40.00    | 19969 | 40.00   | 13304 | 291.19  | 13304 | 291.19  | 13304          |
| 74418.73 | 0               | 50477   | 227     | 81532 | 0       | 18959   | 56       | 20025    | 40.00    | 20025 | 40.00   | 13344 | 331.19  | 13344 | 331.19  | 13344          |
| 74438.73 | 0               | 50477   | 249     | 81781 | 0       | 18959   | 36       | 20061    | 40.00    | 20061 | 40.00   | 13384 | 371.19  | 13384 | 371.19  | 13384          |
| 74458.73 | 0               | 50477   | 258     | 82034 | 0       | 18959   | 33       | 20094    | 40.00    | 20094 | 40.00   | 13424 | 411.19  | 13424 | 411.19  | 13424          |
| 74478.73 | 79              | 50556   | 212     | 82251 | 40      | 18998   | 26       | 20120    | 22.87    | 20120 | 22.87   | 13447 | 434.06  | 13447 | 434.06  | 13447          |
| 74498.73 | 123             | 50679   | 180     | 82430 | 69      | 19067   | 18       | 20138    | 20.00    | 20138 | 20.00   | 13467 | 454.06  | 13467 | 454.06  | 13467          |
| 74518.73 | 89              | 50767   | 192     | 82622 | 60      | 19127   | 28       | 20165    | 20.00    | 20165 | 20.00   | 13487 | 474.06  | 13487 | 474.06  | 13487          |
| 74538.73 | 119             | 50804   | 169     | 82791 | 72      | 19199   | 25       | 20190    | 20.00    | 20190 | 20.00   | 13507 | 494.06  | 13507 | 494.06  | 13507          |
| 74558.73 | 116             | 51002   | 171     | 82962 | 69      | 19269   | 29       | 20219    | 20.00    | 20219 | 20.00   | 13527 | 514.06  | 13527 | 514.06  | 13527          |
| 74578.73 | 95              | 51047   | 184     | 83146 | 71      | 19340   | 49       | 20258    | 20.00    | 20258 | 20.00   | 13547 | 534.06  | 13547 | 534.06  | 13547          |
| 74598.73 | 98              | 51195   | 184     | 83299 | 76      | 19416   | 43       | 20316    | 20.00    | 20316 | 20.00   | 13567 | 554.06  | 13567 | 554.06  | 13567          |
| 74618.73 | 105             | 51300   | 193     | 83523 | 76      | 19493   | 46       | 20362    | 20.00    | 20362 | 20.00   | 13587 | 574.06  | 13587 | 574.06  | 13587          |
| 74638.73 | 102             | 51402   | 210     | 83733 | 74      | 19566   | 48       | 20410    | 20.00    | 20410 | 20.00   | 13607 | 594.06  | 13607 | 594.06  | 13607          |
| 74658.73 | 101             | 51503   | 226     | 83959 | 89      | 19655   | 59       | 20469    | 20.00    | 20469 | 20.00   | 13627 | 614.06  | 13627 | 614.06  | 13627          |
| 74678.73 | 130             | 51633   | 215     | 84174 | 113     | 19768   | 50       | 20518    | 20.00    | 20518 | 20.00   | 13647 | 634.06  | 13647 | 634.06  | 13647          |
| 74698.73 | 214             | 51647   | 146     | 84320 | 144     | 19912   | 18       | 20536    | 20.00    | 20536 | 20.00   | 13667 | 654.06  | 13667 | 654.06  | 13667          |
| 74718.73 | 274             | 52121   | 114     | 84434 | 201     | 20114   | 9        | 20545    | 20.00    | 20545 | 20.00   | 13687 | 674.06  | 13687 | 674.06  | 13687          |
| 74738.73 | 274             | 52312   | 160     | 84594 | 205     | 20319   | 35       | 20580    | 20.00    | 20580 | 20.00   | 13707 | 694.06  | 13707 | 694.06  | 13707          |
| 74758.73 | 87              | 52418   | 185     | 84779 | 49      | 20368   | 51       | 20631    | 28.74    | 20631 | 28.74   | 13736 | 722.80  | 13736 | 722.80  | 13736          |
| 74778.73 | 0               | 52418   | 218     | 84998 | 0       | 20369   | 44       | 20674    | 40.00    | 20674 | 40.00   | 13776 | 762.80  | 13776 | 762.80  | 13776          |
| 74798.73 | 48              | 52466   | 206     | 85204 | 23      | 20391   | 26       | 20700    | 24.75    | 20700 | 24.75   | 13805 | 787.55  | 13805 | 787.55  | 13805          |
| 74818.73 | 103             | 52570   | 182     | 85386 | 85      | 20476   | 24       | 20724    | 20.00    | 20724 | 20.00   | 13825 | 807.55  | 13825 | 807.55  | 13825          |
| 74838.73 | 56              | 52625   | 199     | 85585 | 36      | 20513   | 35       | 20759    | 23.69    | 20759 | 23.69   | 13848 | 831.24  | 13848 | 831.24  | 13848          |
| 74858.73 | 52              | 52677   | 233     | 85818 | 13      | 20526   | 42       | 20801    | 35.66    | 20801 | 35.66   | 13884 | 866.90  | 13884 | 866.90  | 13884          |
| 74878.73 | 141             | 52818   | 197     | 86015 | 113     | 20639   | 22       | 20823    | 20.00    | 20823 | 20.00   | 13904 | 886.90  | 13904 | 886.90  | 13904          |
| 74898.73 | 151             | 52969   | 158     | 86173 | 99      | 20738   | 20       | 20843    | 20.00    | 20843 | 20.00   | 13924 | 906.90  | 13924 | 906.90  | 13924          |
| 74918.73 | 101             | 53070   | 178     | 86351 | 77      | 20814   | 29       | 20872    | 20.00    | 20872 | 20.00   | 13944 | 926.90  | 13944 | 926.90  | 13944          |
| 74938.73 | 41              | 53112   | 202     | 86553 | 28      | 20843   | 36       | 20908    | 22.08    | 20908 | 22.08   | 13966 | 948.98  | 13966 | 948.98  | 13966          |
| 74958.73 | 48              | 53159   | 213     | 86765 | 33      | 20876   | 35       | 20943    | 27.46    | 20943 | 27.46   | 13993 | 976.44  | 13993 | 976.44  | 13993          |

DONNEES GEOMETRIQUES

| PK       | TALUS ET ELEMENTS DE GAUCHE | ARSC  | COTE    | ARSC  | COTE    | SUR L AXE | LEE   | ARSC | COTE    | ARSC | COTE    | TALUS ET ELEMENTS DE DROITE | ARSC  | COTE | ARSC    | COTE  | LARG. |
|----------|-----------------------------|-------|---------|-------|---------|-----------|-------|------|---------|------|---------|-----------------------------|-------|------|---------|-------|-------|
| 74978.73 | -4.32                       | -6.86 | 1822.38 | -3.75 | 1818.05 | 1819.16   | -0.90 | 3.75 | 1819.05 | 4.21 | 1818.05 | 0.00                        | 11.07 | 8.00 | 1818.05 | 0.00  | 11.07 |
| 74998.73 | -5.12                       | -7.02 | 1823.50 | -3.75 | 1818.38 | 1818.49   | -1.13 | 3.75 | 1818.38 | 8.00 | 1818.02 | 2.37                        | 15.05 | 8.00 | 1818.02 | 2.37  | 15.05 |
| 75018.73 | -6.30                       | -8.26 | 1825.03 | -3.75 | 1818.73 | 1818.84   | -2.50 | 3.75 | 1818.73 | 9.95 | 1815.07 | 3.66                        | 18.21 | 9.95 | 1815.07 | 3.66  | 18.21 |
| 75038.73 | -6.65                       | -8.34 | 1825.69 | -3.75 | 1819.01 | 1819.12   | -0.07 | 3.75 | 1819.01 | 6.01 | 1817.98 | 1.04                        | 14.35 | 6.01 | 1817.98 | 1.04  | 14.35 |
| 75058.73 | -6.44                       | -8.29 | 1825.47 | -3.75 | 1819.03 | 1819.14   | -1.29 | 3.75 | 1819.03 | 5.15 | 1819.80 | -0.75                       | 13.44 | 5.15 | 1819.80 | -0.75 | 13.44 |
| 75078.73 | -4.50                       | -6.90 | 1823.30 | -3.75 | 1818.79 | 1818.90   | -2.59 | 3.75 | 1818.79 | 5.21 | 1816.83 | -1.04                       | 12.11 | 5.21 | 1816.83 | -1.04 | 12.11 |
| 75098.73 | -6.97                       | -8.39 | 1825.27 | -3.75 | 1819.29 | 1818.40   | -6.14 | 3.75 | 1818.29 | 5.49 | 1820.73 | -2.44                       | 13.88 | 5.49 | 1820.73 | -2.44 | 13.88 |
| 75118.73 | -10.02                      | -9.00 | 1827.54 | -3.75 | 1817.52 | 1817.53   | -4.60 | 3.75 | 1817.52 | 5.21 | 1818.60 | -1.07                       | 14.22 | 5.21 | 1818.60 | -1.07 | 14.22 |
| 75138.73 | -10.64                      | -9.13 | 1827.11 | -3.75 | 1816.47 | 1816.58   | -1.54 | 3.75 | 1816.47 | 4.31 | 1816.47 | 0.00                        | 13.44 | 4.31 | 1816.47 | 0.00  | 13.44 |
| 75158.73 | -9.26                       | -8.85 | 1824.47 | -3.75 | 1815.20 | 1815.31   | -0.12 | 3.75 | 1815.20 | 6.48 | 1813.85 | 1.35                        | 15.33 | 6.48 | 1813.85 | 1.35  | 15.33 |
| 75178.73 | -3.36                       | -6.87 | 1817.27 | -3.75 | 1815.91 | 1814.02   | -0.57 | 3.75 | 1813.91 | 5.91 | 1812.95 | 0.97                        | 12.58 | 5.91 | 1812.95 | 0.97  | 12.58 |
| 75198.73 | -1.80                       | -4.61 | 1814.43 | -4.25 | 1812.62 | 1812.99   | 0.08  | 4.25 | 1812.62 | 6.30 | 1812.08 | 0.55                        | 10.91 | 6.30 | 1812.08 | 0.55  | 10.91 |
| 75218.73 | 0.05                        | -4.46 | 1811.95 | -4.25 | 1812.00 | 1812.37   | 0.41  | 4.25 | 1812.00 | 5.60 | 1811.64 | 0.36                        | 10.06 | 5.60 | 1811.64 | 0.36  | 10.06 |
| 75238.73 | 0.07                        | -4.53 | 1811.71 | -4.25 | 1811.73 | 1812.15   | 0.43  | 4.25 | 1811.78 | 4.27 | 1811.85 | -0.08                       | 6.79  | 4.27 | 1811.85 | -0.08 | 6.79  |
| 75258.73 | 0.00                        | -4.25 | 1811.78 | -4.25 | 1811.78 | 1812.15   | 0.47  | 4.25 | 1811.78 | 6.12 | 1811.29 | 0.50                        | 10.37 | 6.12 | 1811.29 | 0.50  | 10.37 |
| 75278.73 | 0.10                        | -4.62 | 1811.69 | -4.25 | 1811.78 | 1812.15   | 0.72  | 4.25 | 1811.78 | 5.03 | 1811.58 | 0.21                        | 9.65  | 5.03 | 1811.58 | 0.21  | 9.65  |
| 75298.73 | 0.02                        | -4.32 | 1811.77 | -4.25 | 1811.78 | 1812.15   | 0.51  | 4.25 | 1811.78 | 4.83 | 1811.63 | 0.15                        | 9.15  | 4.83 | 1811.63 | 0.15  | 9.15  |
| 75318.73 | -0.08                       | -4.27 | 1811.86 | -4.25 | 1811.78 | 1812.15   | 0.41  | 4.25 | 1811.78 | 4.93 | 1811.60 | 0.18                        | 9.20  | 4.93 | 1811.60 | 0.18  | 9.20  |
| 75338.73 | -0.05                       | -4.26 | 1811.84 | -4.25 | 1811.78 | 1812.15   | 0.34  | 4.25 | 1811.78 | 4.49 | 1811.72 | 0.68                        | 8.75  | 4.49 | 1811.72 | 0.68  | 8.75  |
| 75358.73 | -0.05                       | -4.26 | 1811.84 | -4.25 | 1811.78 | 1812.15   | 0.17  | 4.25 | 1811.78 | 5.10 | 1811.56 | 0.23                        | 9.36  | 5.10 | 1811.56 | 0.23  | 9.36  |
| 75378.73 | -0.31                       | -4.31 | 1812.09 | -4.25 | 1811.78 | 1812.15   | 0.05  | 4.25 | 1811.78 | 4.28 | 1811.42 | -0.13                       | 8.54  | 4.28 | 1811.42 | -0.13 | 8.54  |
| 75398.73 | -1.80                       | -5.36 | 1813.85 | -3.75 | 1812.04 | 1812.15   | -1.06 | 3.75 | 1812.04 | 5.14 | 1812.73 | -0.68                       | 10.50 | 5.14 | 1812.73 | -0.68 | 10.50 |
| 75418.73 | -3.06                       | -6.61 | 1815.12 | -3.75 | 1812.06 | 1812.17   | -1.75 | 3.75 | 1812.06 | 5.22 | 1813.15 | -1.09                       | 11.83 | 5.22 | 1813.15 | -1.09 | 11.83 |
| 75438.73 | -2.02                       | -5.40 | 1814.20 | -3.75 | 1812.17 | 1812.28   | -0.83 | 3.75 | 1812.17 | 5.00 | 1812.18 | -0.01                       | 10.41 | 5.00 | 1812.18 | -0.01 | 10.41 |
| 75458.73 | -1.83                       | -5.37 | 1814.18 | -3.75 | 1812.35 | 1812.46   | -0.65 | 3.75 | 1812.35 | 4.16 | 1812.35 | 0.00                        | 9.52  | 4.16 | 1812.35 | 0.00  | 9.52  |
| 75478.73 | 0.10                        | -4.61 | 1812.52 | -3.75 | 1812.62 | 1812.73   | 0.94  | 3.75 | 1812.62 | 6.28 | 1811.41 | 1.22                        | 10.89 | 6.28 | 1811.41 | 1.22  | 10.89 |
| 75498.73 | -3.73                       | -6.75 | 1816.68 | -3.75 | 1812.55 | 1813.06   | -0.73 | 3.75 | 1812.95 | 5.60 | 1812.19 | 0.76                        | 12.34 | 5.60 | 1812.19 | 0.76  | 12.34 |
| 75518.73 | -3.21                       | -6.64 | 1816.59 | -3.75 | 1813.28 | 1813.49   | -1.41 | 3.75 | 1813.38 | 3.68 | 1813.38 | 0.00                        | 10.52 | 3.68 | 1813.38 | 0.00  | 10.52 |
| 75538.73 | -2.08                       | -5.60 | 1816.81 | -3.75 | 1813.52 | 1813.93   | -0.60 | 3.75 | 1813.82 | 6.52 | 1812.38 | 1.44                        | 12.22 | 6.52 | 1812.38 | 1.44  | 12.22 |
| 75558.73 | -1.22                       | -5.24 | 1815.50 | -3.75 | 1814.27 | 1814.38   | 1.18  | 3.75 | 1814.27 | 8.08 | 1811.86 | 2.42                        | 13.33 | 8.08 | 1811.86 | 2.42  | 13.33 |
| 75578.73 | -2.17                       | -5.43 | 1816.90 | -3.75 | 1814.72 | 1814.83   | 0.43  | 3.75 | 1814.72 | 8.72 | 1811.88 | 2.84                        | 14.15 | 8.72 | 1811.88 | 2.84  | 14.15 |
| 75598.73 | -1.02                       | -5.20 | 1816.19 | -3.75 | 1815.16 | 1815.27   | 0.41  | 3.75 | 1815.16 | 6.58 | 1813.75 | 1.41                        | 11.78 | 6.58 | 1813.75 | 1.41  | 11.78 |
| 75618.73 | 0.55                        | -5.11 | 1816.16 | -3.75 | 1815.61 | 1815.72   | -0.68 | 3.75 | 1815.61 | 7.77 | 1813.40 | 2.21                        | 12.88 | 7.77 | 1813.40 | 2.21  | 12.88 |
| 75638.73 | -4.56                       | -6.91 | 1820.62 | -3.75 | 1816.05 | 1816.16   | 0.24  | 3.75 | 1816.05 | 4.31 | 1816.05 | 0.00                        | 11.22 | 4.31 | 1816.05 | 0.00  | 11.22 |
| 75658.73 | -3.67                       | -6.73 | 1820.19 | -3.75 | 1816.51 | 1816.62   | -1.40 | 3.75 | 1816.51 | 6.71 | 1815.01 | 1.50                        | 13.45 | 6.71 | 1815.01 | 1.50  | 13.45 |
| 75678.73 | -4.95                       | -6.09 | 1821.80 | -3.75 | 1816.85 | 1816.96   | -1.65 | 3.75 | 1816.85 | 3.81 | 1816.85 | 0.00                        | 10.80 | 3.81 | 1816.85 | 0.00  | 10.80 |
| 75698.73 | -5.22                       | -7.04 | 1822.23 | -3.75 | 1817.00 | 1817.11   | -2.74 | 3.75 | 1817.00 | 5.14 | 1817.71 | -0.71                       | 12.19 | 5.14 | 1817.71 | -0.71 | 12.19 |
| 75718.73 | -5.15                       | -7.03 | 1822.12 | -3.75 | 1816.96 | 1817.07   | -3.16 | 3.75 | 1816.96 | 5.36 | 1818.78 | -1.81                       | 12.39 | 5.36 | 1818.78 | -1.81 | 12.39 |
| 75738.73 | -4.91                       | -6.99 | 1821.64 | -3.75 | 1816.71 | 1816.82   | -2.08 | 3.75 | 1816.71 | 6.29 | 1815.49 | 1.22                        | 13.27 | 6.29 | 1815.49 | 1.22  | 13.27 |

TABLÉAU. 2

DÉPARTEMENT RWA

CALCUL DE TERRASSEMENTS

ROUTE KI

PAGE NO 80

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CURATURES

| PK       | REMLAIS | RELAIS | TERRASSEMENTS<br>UTILIS. NON UTIL<br>DANS LE PROFIL | DELAIS | VOL.ELEM | SURF    | VOL.ELEM SURF | CUMULE | ELEMENTAIRE | NATURE | MEME | ARSC 1 | ARSC 2 | PERMILAI | DELAIS | VOLUME | CUMULE |
|----------|---------|--------|---|--------|----------|---------|---------------|--------|-------------|--------|------|--------|--------|----------|--------|--------|--------|
|          |         |        |   |        |          |         |               |        |             |        |      |        |        |          |        |        |        |
| 74974.73 | 0.00    | 19.8   | 15.86   | 310.6  | 22449    | -290.8  |               |        |             |        |      |        |        | 39450    | 213995 |        |        |
| 74978.73 | 5.33    | 53.3   | 14.39   | 342.6  | 22502    | -289.3  |               |        |             |        |      |        |        | 39903    | 214337 |        |        |
| 75014.73 | 8.29    | 136.2  | 27.50   | 458.4  | 22638    | -322.8  |               |        |             |        |      |        |        | 40039    | 214796 |        |        |
| 75039.73 | 2.52    | 108.1  | 20.80   | 482.9  | 22746    | -374.8  |               |        |             |        |      |        |        | 40148    | 215279 |        |        |
| 75058.73 | 0.00    | 25.2   | 20.73   | 415.3  | 22772    | -390.0  |               |        |             |        |      |        |        | 40173    | 215595 |        |        |
| 75074.73 | 0.00    | 0.0    | 30.27   | 510.0  | 22772    | -510.0  |               |        |             |        |      |        |        | 40173    | 216205 |        |        |
| 75094.73 | 0.00    | 0.0    | 49.67   | 797.4  | 22772    | -797.4  |               |        |             |        |      |        |        | 40173    | 217002 |        |        |
| 75114.73 | 0.00    | 0.0    | 63.03   | 1125.0 | 22772    | -1125.0 |               |        |             |        |      |        |        | 40173    | 218127 |        |        |
| 75134.73 | 0.00    | 0.0    | 34.71   | 977.4  | 22772    | -977.4  |               |        |             |        |      |        |        | 40173    | 219104 |        |        |
| 75154.73 | 1.97    | 19.7   | 26.50   | 612.1  | 22791    | -592.4  |               |        |             |        |      |        |        | 40192    | 219716 |        |        |
| 75174.73 | 1.09    | 30.6   | 4.38  | 323.8  | 22822    | -293.2  |               |        |             |        |      |        |        | 40223    | 220045 |        |        |
| 75194.73 | 1.49    | 25.8   | 3.25  | 96.3   | 22848    | -70.5   |               |        |             |        |      |        |        | 40249    | 220142 |        |        |
| 75214.73 | 3.76    | 52.5   | -0.00   | 32.5   | 22880    | 20.0    |               |        |             |        |      |        |        | 40301    | 220174 |        |        |
| 75234.73 | 2.81    | 65.7   | -0.00   | 0.0    | 22890    | 65.7    |               |        |             |        |      |        |        | 40367    | 220174 |        |        |
| 75254.73 | 4.34    | 71.5   | -0.00   | 0.0    | 22890    | 71.5    |               |        |             |        |      |        |        | 40439    | 220174 |        |        |
| 75274.73 | 4.04    | 92.8   | -0.00   | -0.0   | 22880    | 92.8    |               |        |             |        |      |        |        | 40521    | 220174 |        |        |
| 75294.73 | 3.56    | 85.0   | -0.00   | -0.0   | 22880    | 85.0    |               |        |             |        |      |        |        | 40516    | 220174 |        |        |
| 75314.73 | 2.97    | 65.3   | -0.00   | 0.0    | 22880    | 65.2    |               |        |             |        |      |        |        | 40582    | 220174 |        |        |
| 75334.73 | 2.44    | 54.1   | -0.00   | 0.0    | 22880    | 54.0    |               |        |             |        |      |        |        | 40736    | 220174 |        |        |
| 75354.73 | 2.10    | 45.4   | -0.00   | 0.0    | 22890    | 45.4    |               |        |             |        |      |        |        | 40781    | 220174 |        |        |
| 75374.73 | 2.75    | 24.6   | -0.12   | 1.2    | 22882    | 23.4    |               |        |             |        |      |        |        | 40806    | 220175 |        |        |
| 75394.73 | 0.00    | 3.5    | 12.01   | 121.3  | 22845    | -117.8  |               |        |             |        |      |        |        | 40809    | 220297 |        |        |
| 75414.73 | 0.14    | 1.4    | 17.60   | 296.2  | 22847    | -294.8  |               |        |             |        |      |        |        | 40811    | 220593 |        |        |
| 75434.73 | 0.00    | 1.4    | 9.03  | 266.3  | 22898    | -266.9  |               |        |             |        |      |        |        | 40812    | 220859 |        |        |
| 75454.73 | 0.00    | 0.0    | 7.46  | 164.9  | 22898    | -164.9  |               |        |             |        |      |        |        | 40912    | 221024 |        |        |
| 75474.73 | 7.57    | 35.1   | -0.00   | 37.0   | 22925    | -42.5   |               |        |             |        |      |        |        | 40934    | 221188 |        |        |
| 75494.73 | 0.24    | 84.1   | 12.66   | 126.6  | 23009    | -281.3  |               |        |             |        |      |        |        | 40943    | 221477 |        |        |
| 75514.73 | 0.00    | 8.4    | 16.31   | 289.7  | 23017    | -281.3  |               |        |             |        |      |        |        | 40969    | 221750 |        |        |
| 75534.73 | 2.65    | 26.5   | 10.99   | 273.0  | 23044    | -246.5  |               |        |             |        |      |        |        | 41106    | 221876 |        |        |
| 75554.73 | 11.07   | 136.8  | 1.57  | 125.6  | 23170    | 11.2    |               |        |             |        |      |        |        | 41321    | 221956 |        |        |
| 75574.73 | 10.44   | 214.9  | 6.45  | 80.2   | 23250    | 134.7   |               |        |             |        |      |        |        | 41449    | 222062 |        |        |
| 75594.73 | 2.36    | 128.2  | 4.11  | 105.5  | 23155    | 22.7    |               |        |             |        |      |        |        | 41500    | 222131 |        |        |
| 75614.73 | 2.76    | 51.2   | 2.80  | 69.0   | 23406    | -17.9   |               |        |             |        |      |        |        | 41534    | 222353 |        |        |
| 75634.73 | 0.58    | 33.4   | 9.39  | 121.9  | 23440    | -86.5   |               |        |             |        |      |        |        | 41572    | 222490 |        |        |
| 75654.73 | 3.30    | 38.8   | 14.31   | 237.1  | 23479    | -198.2  |               |        |             |        |      |        |        | 41605    | 222866 |        |        |
| 75674.73 | 0.00    | 33.0   | 23.31   | 376.2  | 23512    | -343.1  |               |        |             |        |      |        |        | 41605    | 223424 |        |        |
| 75694.73 | 0.00    | 0.0    | 32.51   | 558.1  | 23512    | -558.1  |               |        |             |        |      |        |        | 41605    | 224125 |        |        |
| 75714.73 | 0.00    | 0.0    | 37.62   | 701.3  | 23512    | -701.3  |               |        |             |        |      |        |        | 41605    | 224125 |        |        |
| 75734.73 | 1.77    | 17.3   | 22.12   | 597.4  | 23529    | -580.1  |               |        |             |        |      |        |        | 41623    | 224723 |        |        |

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SURFACES

| PK        | ASSIETTE TOTALE | REMBLAIS | DEBLAIS | SURFACES | ELEM | CUMULEE | TALUS | REMBLAIS | DEBLAIS | SURFACES | ELEM | CUMULEE | ELEMENT | CUMULEE |
|-----------|-----------------|----------|---------|----------|------|---------|-------|----------|---------|----------|------|---------|---------|---------|
| 74974.73* | 48              | 53207    | 214     | 86940*   | 20   | 20896   | 29    | 20972*   | 32.33   | 14026*   |      |         |         |         |
| 74998.73* | 63              | 53270    | 198     | 87178*   | 42   | 20938   | 35    | 21008*   | 22.99   | 14049*   |      |         |         |         |
| 75018.73* | 183             | 53453    | 149     | 87327*   | 125  | 21063   | 25    | 21033*   | 20.00   | 14069*   |      |         |         |         |
| 75038.73* | 174             | 53428    | 151     | 87479*   | 101  | 21164   | 10    | 21043*   | 20.00   | 14089*   |      |         |         |         |
| 75058.73* | 56              | 53644    | 221     | 87700*   | 9    | 21173   | 16    | 21059*   | 32.94   | 14122*   |      |         |         |         |
| 75078.73* | 0               | 53684    | 255     | 87955*   | 0    | 21173   | 38    | 21097*   | 40.00   | 14162*   |      |         |         |         |
| 75114.73* | 0               | 53684    | 260     | 88215*   | 0    | 21173   | 61    | 21158*   | 40.01   | 14202*   |      |         |         |         |
| 75130.73* | 0               | 53684    | 291     | 88566*   | 0    | 21173   | 87    | 21245*   | 40.06   | 14242*   |      |         |         |         |
| 75158.73* | 66              | 53750    | 277     | 88773*   | 0    | 21173   | 105   | 21350*   | 20.84   | 14282*   |      |         |         |         |
| 75173.73* | 144             | 53894    | 222     | 88995*   | 30   | 21203   | 81    | 21431*   | 20.04   | 14303*   |      |         |         |         |
| 75198.73* | 144             | 54038    | 135     | 89130*   | 58   | 21261   | 37    | 21468*   | 20.03   | 14323*   |      |         |         |         |
| 75218.73* | 165             | 54203    | 91      | 89221*   | 31   | 21312   | 22    | 21450*   | 19.39   | 14343*   |      |         |         |         |
| 75238.73* | 188             | 54391    | 44      | 89266*   | 15   | 21348   | 18    | 21507*   | 3.81    | 14362*   |      |         |         |         |
| 75258.73* | 191             | 54582    | 1       | 89267*   | 19   | 21393   | 0     | 21508*   | 2.96    | 14366*   |      |         |         |         |
| 75278.73* | 200             | 54782    | 0       | 89267*   | 31   | 21414   | 0     | 21508*   | 0.00    | 14369*   |      |         |         |         |
| 75298.73* | 189             | 54970    | 0       | 89268*   | 19   | 21453   | 0     | 21508*   | 0.00    | 14369*   |      |         |         |         |
| 75318.73* | 103             | 55152    | 1       | 89268*   | 13   | 21446   | 1     | 21508*   | 15.67   | 14385*   |      |         |         |         |
| 75338.73* | 178             | 55330    | 2       | 89269*   | 10   | 21456   | 1     | 21510*   | 20.00   | 14405*   |      |         |         |         |
| 75378.73* | 180             | 55510    | 1       | 89271*   | 11   | 21467   | 1     | 21511*   | 20.00   | 14425*   |      |         |         |         |
| 75398.73* | 153             | 55664    | 26      | 89297*   | 5    | 21472   | 4     | 21515*   | 28.07   | 14453*   |      |         |         |         |
| 75418.73* | 9               | 55724    | 130     | 89427*   | 0    | 21472   | 30    | 21545*   | 40.00   | 14493*   |      |         |         |         |
| 75438.73* | 9               | 55733    | 214     | 89441*   | 7    | 21479   | 37    | 21582*   | 40.00   | 14533*   |      |         |         |         |
| 75458.73* | 0               | 55742    | 213     | 89554*   | 7    | 21486   | 32    | 21614*   | 40.00   | 14573*   |      |         |         |         |
| 75478.73* | 105             | 55742    | 199     | 90054*   | 0    | 21486   | 43    | 21655*   | 40.00   | 14613*   |      |         |         |         |
| 75498.73* | 139             | 55847    | 84      | 90137*   | 28   | 21514   | 16    | 21674*   | 18.70   | 14631*   |      |         |         |         |
| 75518.73* | 30              | 55847    | 93      | 90230*   | 50   | 21564   | 7     | 21621*   | 18.36   | 14650*   |      |         |         |         |
| 75538.73* | 50              | 56017    | 198     | 90428*   | 18   | 21582   | 10    | 21690*   | 22.58   | 14672*   |      |         |         |         |
| 75558.73* | 155             | 56047    | 177     | 90465*   | 31   | 21613   | 33    | 21723*   | 21.20   | 14693*   |      |         |         |         |
| 75578.73* | 200             | 56223    | 100     | 90705*   | 84   | 21697   | 43    | 21766*   | 20.01   | 14713*   |      |         |         |         |
| 75598.73* | 145             | 56423    | 75      | 90791*   | 109  | 21805   | 35    | 21801*   | 20.01   | 14733*   |      |         |         |         |
| 75618.73* | 114             | 56568    | 114     | 90805*   | 91   | 21896   | 33    | 21833*   | 20.00   | 14753*   |      |         |         |         |
| 75638.73* | 104             | 56682    | 133     | 91025*   | 79   | 21975   | 16    | 21849*   | 20.01   | 14773*   |      |         |         |         |
| 75658.73* | 91              | 56786    | 137     | 91165*   | 37   | 22012   | 23    | 21872*   | 24.56   | 14798*   |      |         |         |         |
| 75678.73* | 49              | 56877    | 156     | 91320*   | 29   | 22041   | 27    | 21895*   | 23.07   | 14821*   |      |         |         |         |
| 75698.73* | 0               | 56926    | 193     | 91514*   | 32   | 22073   | 24    | 21922*   | 20.84   | 14842*   |      |         |         |         |
| 75718.73* | 0               | 56926    | 230     | 91743*   | 0    | 22073   | 50    | 21973*   | 40.00   | 14882*   |      |         |         |         |
| 75738.73* | 33              | 56959    | 246     | 91989*   | 0    | 22073   | 70    | 22043*   | 40.00   | 14922*   |      |         |         |         |
|           |                 |          | 224     | 92213*   | 5    | 22079   | 57    | 22099*   | 36.34   | 14950*   |      |         |         |         |

Table with columns: PK, TALUS ET ELEMENTS DE GAUCHE, COTE \* DENI, TALUS ET ELEMENTS DE DROITE, LARG., HAUT., QUASSIETIF LIM. PLATEFORME PROJET, VEL., LIM. PLATEFORME LIM. 0 ASSIETIF HAUT., ASS., APSC \* COTE \* ARSC \* COTE, LEE \* ANSC \* COTE \* ABSO \* COTE, SUR L AXE, ANSC \* COTE \* ABSO \* COTE, LARG., HAUT., ASS.

| PK       | REMLAIS | SURF VOL.ELEH | SURF VOL.ELEHM | DEBLAIS | TERRASSEMENTS UTILIS. DANS LE PROFIL | CUMULE ELEMENTAIRE | MEME NATURE   | APSC 1  | APSC 2 | REMPLOI | DEPLAI |
|----------|---------|---------------|----------------|---------|--------------------------------------|--------------------|---------------|---------|--------|---------|--------|
| 75750.73 | 6.47    | 82.0          | 22.33          | 444.6   | 23611                                | -362.6             | *             | *       | 41705  | 225167  |        |
| 75772.73 | 1.69    | 81.6          | 17.79          | 401.2   | 23693                                | -319.5             | *             | *       | 41786  | 225569  |        |
| 75798.73 | 7.64    | 93.3          | 9.84           | 276.2   | 23786                                | -182.9             | *             | *       | 41880  | 225945  |        |
| 75818.73 | 5.29    | 129.3         | 4.89           | 147.3   | 23915                                | -18.0              | *             | *       | 42009  | 225992  |        |
| 75839.73 | .30     | 55.9          | 6.10           | 109.9   | 23971                                | -54.0              | *             | *       | 42065  | 226102  |        |
| 75858.73 | 0.00    | 3.0           | 16.11          | 222.0   | 23974                                | -219.0             | *             | *       | 42068  | 226324  |        |
| 75878.73 | 0.00    | 0.0           | 26.28          | 423.8   | 23974                                | -423.8             | *             | *       | 42068  | 226748  |        |
| 75898.73 | 0.00    | 0.0           | 29.21          | 554.9   | 23974                                | -554.9             | *             | *       | 42068  | 227303  |        |
| 75918.73 | 0.00    | 0.0           | 13.91          | 431.2   | 23974                                | -431.2             | *             | *       | 42068  | 227734  |        |
| 75938.73 | 2.70    | 27.0          | 6.00           | 199.1   | 24001                                | -172.1             | *             | *       | 42095  | 227933  |        |
| 75958.73 | 3.73    | 64.3          | 5.26           | 112.6   | 24055                                | -48.3              | *             | *       | 42159  | 228046  |        |
| 75978.73 | 0.00    | 37.3          | 15.64          | 209.0   | 24103                                | -171.7             | *             | *       | 42196  | 228255  |        |
| 75998.73 | 0.00    | 0.0           | 33.12          | 487.6   | 24103                                | -487.6             | *             | *       | 42196  | 228742  |        |
| 76018.71 | 0.00    | 0.0           | 43.65          | 767.6   | 24103                                | -767.6             | *             | *       | 42196  | 229510  |        |
| 76038.73 | 0.00    | 0.0           | 21.76          | 654.1   | 24103                                | -654.1             | *             | *       | 42196  | 230164  |        |
| 76058.73 | 1.09    | 10.9          | 9.58           | 313.4   | 24114                                | -302.5             | *             | *       | 42207  | 230477  |        |
| 76078.73 | 2.67    | 37.6          | .03            | 96.0    | 24151                                | -58.5              | -7716*-252.73 | 227.27* | 42245  | 230573  |        |
| 76098.73 | 2.65    | 53.2          | .02            | .5      | 24152                                | 52.7               | 75*-15.89     | 24.11*  | 42298  | 230574  |        |
| 76118.73 | .13     | 27.8          | .56            | 5.8     | 24157                                | 22.0               | *             | *       | 42326  | 230580  |        |
| 76138.73 | 0.00    | 1.3           | 3.64           | 42.0    | 24159                                | -40.7              | *             | *       | 42327  | 230622  |        |
| 76158.73 | 0.00    | 0.0           | 4.43           | 80.7    | 24159                                | -80.7              | *             | *       | 42327  | 230702  |        |
| 76178.73 | 0.00    | 0.0           | 7.12           | 115.5   | 24159                                | -115.5             | *             | *       | 42327  | 230818  |        |
| 76198.73 | 0.00    | 0.0           | 10.24          | 173.6   | 24159                                | -173.6             | *             | *       | 42327  | 230992  |        |
| 76218.73 | .74     | 7.4           | 7.00           | 172.4   | 24166                                | -165.1             | *             | *       | 42335  | 231164  |        |
| 76238.73 | 1.62    | 23.5          | 4.48           | 115.8   | 24190                                | -92.3              | *             | *       | 42358  | 231280  |        |
| 76258.73 | 3.06    | 46.8          | 1.12           | 57.0    | 24236                                | -10.2              | *             | *       | 42405  | 231337  |        |
| 76278.73 | 1.90    | 49.6          | 9.73           | 104.5   | 24286                                | -58.9              | *             | *       | 42455  | 231445  |        |
| 76298.73 | 0.00    | 19.0          | 62.31          | 720.4   | 24305                                | -701.4             | *             | *       | 42473  | 232166  |        |
| 76318.73 | 0.00    | 0.0           | 41.89          | 1041.8  | 24305                                | -1041.8            | *             | *       | 42473  | 232707  |        |
| 76338.73 | 4.05    | 40.5          | 25.77          | 674.4   | 24346                                | -635.9             | *             | *       | 42514  | 233284  |        |
| 76358.73 | 10.18   | 142.3         | 4.30           | 300.7   | 24408                                | -158.4             | *             | *       | 42656  | 234185  |        |
| 76378.73 | 5.45    | 156.3         | 12.43          | 167.3   | 24644                                | -11.0              | *             | *       | 42813  | 234352  |        |
| 76398.73 | 5.89    | 113.4         | 25.99          | 384.2   | 24758                                | -270.8             | *             | *       | 42926  | 234736  |        |
| 76418.73 | 0.00    | 58.9          | 44.69          | 705.0   | 24816                                | -647.9             | *             | *       | 42985  | 235443  |        |
| 76438.73 | 0.00    | 0.0           | 90.65          | 1351.4  | 24816                                | -1353.4            | *             | *       | 42985  | 236796  |        |
| 76458.73 | 0.00    | 0.0           | 79.07          | 1697.2  | 24816                                | -1697.2            | *             | *       | 42985  | 238493  |        |
| 76478.73 | 0.00    | 0.0           | 49.31          | 1283.9  | 24816                                | -1283.9            | *             | *       | 42985  | 239777  |        |
| 76498.73 | 0.00    | 0.0           | 37.64          | 872.5   | 24816                                | -872.5             | *             | *       | 42985  | 240650  |        |
| 76518.73 | 9.01    | 90.1          | 9.02           | 459.6   | 24907                                | -379.5             | -9791*-276.45 | 123.55* | 43075  | 241119  |        |

DEPARTEMENT RWA

ROUTE KI-

DATE 16/04/75

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SURFACES

| PK       | ASSIETTE TOTALE | REPLAIS | DERLAIS | TALUS | REPLAIS | DERLAIS | SURFACES | SURFACES | SURFACES | ELM   | CUMULEE | ELM | CUMULEE | ELM | CUMULEE | ELM | CUMULEE | ELM | CUMULEE |
|----------|-----------------|---------|---------|-------|---------|---------|----------|----------|----------|-------|---------|-----|---------|-----|---------|-----|---------|-----|---------|
| 75758.73 | 92              | 57051   | 191     | 92404 | 80      | 22159   | 35       | 22134    | 20.00    | 14978 |         |     |         |     |         |     |         |     |         |
| 75775.73 | 94              | 57145   | 183     | 92477 | 76      | 22235   | 23       | 22158    | 20.00    | 14998 |         |     |         |     |         |     |         |     |         |
| 75790.73 | 136             | 57281   | 152     | 92732 | 90      | 22325   | 16       | 22173    | 20.00    | 15018 |         |     |         |     |         |     |         |     |         |
| 75818.73 | 241             | 57522   | 78      | 92815 | 130     | 22455   | 10       | 22183    | 20.00    | 15038 |         |     |         |     |         |     |         |     |         |
| 75838.73 | 143             | 57655   | 133     | 92899 | 92      | 22547   | 7        | 22190    | 20.00    | 15058 |         |     |         |     |         |     |         |     |         |
| 75858.73 | 48              | 57713   | 145     | 93095 | 5       | 22552   | 18       | 22208    | 30.84    | 15089 |         |     |         |     |         |     |         |     |         |
| 75878.73 | 0               | 57713   | 253     | 93348 | 0       | 22552   | 25       | 22233    | 40.00    | 15129 |         |     |         |     |         |     |         |     |         |
| 75898.73 | 0               | 57713   | 267     | 93416 | 0       | 22552   | 39       | 22272    | 40.00    | 15169 |         |     |         |     |         |     |         |     |         |
| 75918.73 | 0               | 57713   | 244     | 93560 | 0       | 22552   | 55       | 22327    | 40.00    | 15209 |         |     |         |     |         |     |         |     |         |
| 75938.73 | 50              | 57764   | 181     | 94041 | 31      | 22583   | 44       | 22371    | 21.44    | 15231 |         |     |         |     |         |     |         |     |         |
| 75958.73 | 107             | 57870   | 135     | 94177 | 69      | 22651   | 39       | 22410    | 20.00    | 15251 |         |     |         |     |         |     |         |     |         |
| 75978.73 | 56              | 57927   | 186     | 94353 | 24      | 22675   | 41       | 22451    | 26.41    | 15277 |         |     |         |     |         |     |         |     |         |
| 75998.73 | 0               | 57927   | 257     | 94619 | 0       | 22675   | 44       | 22494    | 40.00    | 15317 |         |     |         |     |         |     |         |     |         |
| 76018.73 | 0               | 57927   | 275     | 94894 | 0       | 22675   | 57       | 22551    | 40.00    | 15357 |         |     |         |     |         |     |         |     |         |
| 76038.73 | 0               | 57927   | 260     | 95154 | 0       | 22675   | 60       | 22611    | 40.00    | 15397 |         |     |         |     |         |     |         |     |         |
| 76058.73 | 75              | 58002   | 120     | 95274 | 9       | 22685   | 23       | 22635    | 25.49    | 15422 |         |     |         |     |         |     |         |     |         |
| 76078.73 | 176             | 58175   | 37      | 95311 | 35      | 22720   | 2        | 22637    | 20.00    | 15442 |         |     |         |     |         |     |         |     |         |
| 76098.73 | 175             | 58353   | 5       | 95315 | 9       | 22729   | 4        | 22642    | 20.00    | 15462 |         |     |         |     |         |     |         |     |         |
| 76118.73 | 110             | 58483   | 44      | 95359 | 0       | 22729   | 9        | 22651    | 36.49    | 15499 |         |     |         |     |         |     |         |     |         |
| 76138.73 | 45              | 58528   | 143     | 95503 | 0       | 22729   | 16       | 22657    | 40.00    | 15539 |         |     |         |     |         |     |         |     |         |
| 76158.73 | 0               | 58528   | 204     | 95706 | 0       | 22729   | 19       | 22685    | 40.00    | 15579 |         |     |         |     |         |     |         |     |         |
| 76178.73 | 0               | 58528   | 205     | 95911 | 0       | 22729   | 27       | 22712    | 40.00    | 15619 |         |     |         |     |         |     |         |     |         |
| 76198.73 | 0               | 58528   | 198     | 96110 | 0       | 22729   | 44       | 22756    | 40.00    | 15659 |         |     |         |     |         |     |         |     |         |
| 76218.73 | 28              | 58556   | 175     | 96285 | 15      | 22745   | 45       | 22801    | 23.81    | 15683 |         |     |         |     |         |     |         |     |         |
| 76238.73 | 71              | 58628   | 148     | 96432 | 41      | 22786   | 38       | 22839    | 20.00    | 15703 |         |     |         |     |         |     |         |     |         |
| 76258.73 | 114             | 58744   | 107     | 96539 | 47      | 22833   | 28       | 22867    | 20.00    | 15723 |         |     |         |     |         |     |         |     |         |
| 76278.73 | 191             | 58924   | 72      | 96611 | 58      | 22891   | 16       | 22923    | 20.00    | 15743 |         |     |         |     |         |     |         |     |         |
| 76298.73 | 52              | 58976   | 167     | 96733 | 8       | 22899   | 67       | 22950    | 31.56    | 15774 |         |     |         |     |         |     |         |     |         |
| 76318.73 | 0               | 58976   | 282     | 97068 | 0       | 22899   | 93       | 23042    | 40.01    | 15814 |         |     |         |     |         |     |         |     |         |
| 76338.73 | 114             | 59000   | 106     | 97145 | 20      | 22918   | 35       | 23078    | 20.44    | 15835 |         |     |         |     |         |     |         |     |         |
| 76358.73 | 174             | 59264   | 113     | 97278 | 87      | 23006   | 26       | 23104    | 20.01    | 15855 |         |     |         |     |         |     |         |     |         |
| 76378.73 | 194             | 59457   | 90      | 97368 | 97      | 23103   | 21       | 23124    | 20.01    | 15875 |         |     |         |     |         |     |         |     |         |
| 76398.73 | 162             | 59620   | 145     | 97513 | 81      | 23184   | 18       | 23142    | 20.00    | 15895 |         |     |         |     |         |     |         |     |         |
| 76418.73 | 58              | 59678   | 241     | 97755 | 21      | 23205   | 49       | 23191    | 30.44    | 15925 |         |     |         |     |         |     |         |     |         |
| 76438.73 | 0               | 59678   | 296     | 98051 | 0       | 23205   | 84       | 23275    | 40.00    | 15965 |         |     |         |     |         |     |         |     |         |
| 76458.73 | 0               | 59678   | 303     | 98354 | 0       | 23205   | 116      | 23391    | 40.00    | 16005 |         |     |         |     |         |     |         |     |         |
| 76478.73 | 0               | 59678   | 285     | 98630 | 0       | 23205   | 105      | 23496    | 40.00    | 16045 |         |     |         |     |         |     |         |     |         |
| 76498.73 | 0               | 59678   | 275     | 98913 | 0       | 23205   | 56       | 23552    | 40.00    | 16085 |         |     |         |     |         |     |         |     |         |
| 76518.73 | 87              | 59766   | 201     | 99115 | 24      | 23230   | 22       | 23574    | 31.37    | 16117 |         |     |         |     |         |     |         |     |         |

DONNÉES GEOMETRIQUES

| PK       | TALUS ET ELEMENTS DE GAUCHE | * ARSC * COTE | * ARSC * COTE | * SUR L'AXE | LEE     | * ARSC * COTE | * ARSC * COTE | TALUS ET ELEMENTS DE DROITE | * ARSC * COTE | * ARSC * COTE | LARG. |       |
|----------|-----------------------------|---------------|---------------|-------------|---------|---------------|---------------|-----------------------------|---------------|---------------|-------|-------|
| 76538.73 | -5.07                       | 1816.33       | -3.75         | 1816.00     | 1816.11 | 1.87          | 3.75          | 1816.00                     | 8.59          | 1813.25       | 2.75  | 13.65 |
| 76558.73 | -5.12                       | 1816.45       | -3.75         | 1815.85     | 1815.96 | 1.30          | 3.75          | 1815.85                     | 8.76          | 1812.98       | 2.87  | 13.88 |
| 76578.73 | -5.28                       | 1817.11       | -3.75         | 1815.71     | 1815.82 | .70           | 3.75          | 1815.71                     | 6.35          | 1814.32       | 1.40  | 11.83 |
| 76598.73 | -1.44                       | 1817.01       | -3.75         | 1815.57     | 1815.68 | -.16          | 3.75          | 1815.57                     | 6.79          | 1814.02       | 1.55  | 12.07 |
| 76618.73 | -4.02                       | 1819.46       | -3.75         | 1815.43     | 1815.54 | -.99          | 3.75          | 1815.43                     | 6.73          | 1813.92       | 1.52  | 13.53 |
| 76638.73 | -6.56                       | 1821.84       | -3.75         | 1815.28     | 1815.39 | -4.11         | 3.75          | 1815.28                     | 4.73          | 1815.28       | 0.00  | 13.04 |
| 76658.73 | -12.89                      | 1828.04       | -3.75         | 1815.14     | 1815.25 | -3.68         | 3.75          | 1815.14                     | 4.61          | 1815.14       | 0.00  | 14.18 |
| 76678.73 | -6.55                       | 1821.55       | -3.75         | 1815.00     | 1815.11 | -3.39         | 3.75          | 1815.00                     | 3.99          | 1815.00       | 0.00  | 12.30 |
| 76698.73 | -4.21                       | 1819.06       | -3.75         | 1814.85     | 1814.96 | -.22          | 3.75          | 1814.85                     | 4.45          | 1814.85       | 0.00  | 11.69 |
| 76718.73 | -1.92                       | 1815.64       | -3.75         | 1814.71     | 1814.82 | 1.15          | 3.75          | 1814.71                     | 7.29          | 1812.83       | 1.89  | 12.67 |
| 76738.73 | -1.13                       | 1815.90       | -3.75         | 1814.58     | 1814.69 | .79           | 3.75          | 1814.58                     | 7.49          | 1812.56       | 2.02  | 12.71 |
| 76758.73 | -1.38                       | 1815.90       | -3.75         | 1814.52     | 1814.63 | .23           | 3.75          | 1814.52                     | 7.60          | 1812.43       | 2.10  | 12.88 |
| 76778.73 | -1.56                       | 1816.09       | -3.75         | 1814.52     | 1814.64 | -.09          | 3.75          | 1814.52                     | 7.69          | 1812.38       | 2.16  | 13.00 |
| 76798.73 | -2.37                       | 1817.02       | -3.75         | 1814.64     | 1814.75 | 1.22          | 3.75          | 1814.64                     | 7.22          | 1812.60       | 1.84  | 12.69 |
| 76818.73 | -5.36                       | 1816.62       | -3.75         | 1814.81     | 1814.92 | 1.08          | 3.75          | 1814.81                     | 6.53          | 1813.43       | 1.39  | 11.89 |
| 76838.73 | -1.60                       | 1816.68       | -3.75         | 1815.07     | 1815.18 | -.55          | 3.75          | 1815.07                     | 5.32          | 1814.50       | .58   | 10.64 |
| 76858.73 | -3.79                       | 1819.20       | -3.75         | 1815.41     | 1815.52 | -1.95         | 3.75          | 1815.41                     | 5.19          | 1816.37       | -.96  | 11.95 |
| 76878.73 | -3.89                       | 1819.72       | -3.75         | 1815.82     | 1815.93 | -1.85         | 3.75          | 1815.82                     | 5.04          | 1816.02       | -.20  | 11.82 |
| 76898.73 | -7.84                       | 1824.10       | -3.75         | 1816.25     | 1816.36 | 1.18          | 3.75          | 1816.25                     | 7.07          | 1814.91       | 1.74  | 15.64 |
| 76918.73 | -8.43                       | 1825.50       | -3.75         | 1816.06     | 1816.17 | 1.14          | 3.75          | 1816.06                     | 7.42          | 1814.09       | 1.98  | 16.31 |
| 76938.73 | -8.64                       | 1825.59       | -3.75         | 1816.94     | 1817.05 | -3.91         | 3.75          | 1816.94                     | 8.02          | 1813.97       | 2.98  | 17.65 |
| 76958.73 | -7.65                       | 1824.70       | -3.75         | 1817.05     | 1817.16 | -3.15         | 3.75          | 1817.05                     | 5.16          | 1817.64       | -.78  | 13.69 |
| 76978.73 | -5.64                       | 1822.66       | -3.75         | 1817.01     | 1817.12 | -2.79         | 3.75          | 1817.01                     | 5.12          | 1817.60       | -.59  | 12.25 |
| 76998.73 | -6.59                       | 1820.29       | -3.75         | 1816.81     | 1816.92 | -1.24         | 3.75          | 1816.81                     | 5.09          | 1817.27       | -.46  | 11.79 |
| 77018.73 | -6.77                       | 1820.33       | -3.75         | 1816.45     | 1816.56 | -1.07         | 3.75          | 1816.45                     | 7.70          | 1814.29       | 2.16  | 14.48 |
| 77038.73 | -6.98                       | 1820.85       | -3.75         | 1815.95     | 1816.06 | .11           | 3.75          | 1815.95                     | 7.81          | 1813.72       | 2.23  | 14.79 |
| 77058.73 | -5.38                       | 1817.32       | -3.75         | 1815.33     | 1815.44 | -.51          | 3.75          | 1815.33                     | 7.94          | 1813.11       | 2.32  | 13.32 |
| 77078.73 | -5.39                       | 1816.87       | -3.75         | 1814.91     | 1815.02 | -.87          | 3.75          | 1814.91                     | 4.16          | 1814.91       | 0.00  | 9.57  |
| 77098.73 | -5.41                       | 1816.44       | -3.75         | 1814.39     | 1814.50 | -.43          | 3.75          | 1814.39                     | 3.98          | 1814.39       | 0.00  | 9.39  |
| 77118.73 | -5.33                       | 1815.61       | -3.75         | 1813.93     | 1814.04 | -.94          | 3.75          | 1813.93                     | 6.61          | 1812.50       | 1.44  | 11.95 |
| 77138.73 | -1.97                       | 1815.46       | -3.75         | 1813.58     | 1813.69 | .75           | 3.75          | 1813.58                     | 5.33          | 1813.00       | .58   | 10.71 |
| 77158.73 | -5.49                       | 1815.77       | -3.75         | 1813.36     | 1813.47 | .70           | 3.75          | 1813.36                     | 7.00          | 1811.67       | 1.69  | 12.48 |
| 77178.73 | -6.98                       | 1818.16       | -3.75         | 1813.25     | 1813.36 | .49           | 3.75          | 1813.25                     | 7.06          | 1811.52       | 1.74  | 14.04 |
| 77198.73 | -8.32                       | 1819.82       | -3.75         | 1813.24     | 1813.35 | -3.09         | 3.75          | 1813.24                     | 5.10          | 1813.75       | -.50  | 13.42 |
| 77218.73 | -7.12                       | 1818.94       | -3.75         | 1813.33     | 1813.44 | -2.97         | 3.75          | 1813.33                     | 3.88          | 1812.33       | 0.00  | 11.00 |
| 77238.73 | -6.93                       | 1818.07       | -3.75         | 1813.44     | 1813.55 | -2.13         | 3.75          | 1813.44                     | 5.26          | 1812.91       | .54   | 12.19 |
| 77258.73 | -6.63                       | 1816.67       | -3.75         | 1813.54     | 1813.65 | .45           | 3.75          | 1813.54                     | 5.66          | 1812.74       | .80   | 12.29 |
| 77278.73 | -5.38                       | 1815.55       | -3.75         | 1813.65     | 1813.76 | 1.10          | 3.75          | 1813.65                     | 9.03          | 1810.61       | 3.05  | 14.40 |
| 77298.73 | -5.37                       | 1815.62       | -3.75         | 1813.79     | 1813.90 | 1.66          | 3.75          | 1813.79                     | 10.21         | 1809.96       | 3.83  | 15.57 |



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CURATURES

| PK       | REMBLAIS | SURF VOL.ELEM | SURF  | DELAIS | TERRASSEMENTS | TERRASSEMENTS  | DE     | TERRASSEMENTS | SOMME CENT. DE GRAVITE | VOLUME  | CUMULE | DE LAI |
|----------|----------|---------------|-------|--------|---------------|----------------|--------|---------------|------------------------|---------|--------|--------|
|          |          |               |       |        | NON UTIL      | DANS LE PROFIL | MEME   | ARSC 1        | ARSC 2                 | REMBLAI | DERLAI |        |
|          |          |               |       |        | TERRASS.      | TERRASS.       | NATURE |               |                        |         |        |        |
|          |          |               |       |        | 0             | R              |        |               |                        |         |        |        |
| 76538.73 | 15.68    | 246.9         | 24    | 92.6   | 24099         | 154.3          | *      | *             | 43122                  | 241212  | *      |        |
| 76558.73 | 11.66    | 273.4         | 70    | 9.4    | 25009         | 264.0          | *      | *             | 43595                  | 241222  | *      |        |
| 76578.73 | 4.25     | 159.0         | 3.85  | 45.5   | 25054         | 113.6          | *      | *             | 43754                  | 241267  | *      |        |
| 76598.73 | 5.55     | 97.9          | 3.95  | 78.0   | 25132         | 20.0           | 552*   | -29.97        | 50.03*                 | 43852   | 241345 |        |
| 76618.73 | 2.99     | 85.4          | 13.70 | 174.6  | 25217         | -91.1          | *      | *             | 43936                  | 241522  | *      |        |
| 76638.73 | 0.00     | 29.9          | 41.81 | 555.1  | 25247         | -525.2         | *      | *             | 43968                  | 242077  | *      |        |
| 76658.73 | 0.00     | 0.0           | 51.53 | 933.4  | 25247         | -868.0         | *      | *             | 43968                  | 243016  | *      |        |
| 76678.73 | 0.00     | 0.0           | 35.27 | 868.0  | 25247         | -868.0         | *      | *             | 43968                  | 243878  | *      |        |
| 76698.73 | 3.30     | 3.0           | 15.07 | 503.4  | 25250         | -500.5         | *      | *             | 43971                  | 244382  | *      |        |
| 76718.73 | 6.99     | 72.8          | 4.24  | 193.2  | 25323         | -120.3         | -3039* | -60.02        | 59.98*                 | 44043   | 244575 |        |
| 76738.73 | 7.66     | 146.5         | 1.47  | 57.1   | 25380         | 89.3           | *      | *             | 44190                  | 244632  | *      |        |
| 76758.73 | 6.34     | 140.0         | 2.66  | 41.3   | 25422         | 98.6           | *      | *             | 44330                  | 244673  | *      |        |
| 76778.73 | 6.87     | 132.1         | 3.79  | 64.6   | 25466         | 67.6           | *      | *             | 44462                  | 244738  | *      |        |
| 76798.73 | 7.47     | 143.4         | 5.32  | 91.1   | 25578         | 52.3           | *      | *             | 44605                  | 244829  | *      |        |
| 76818.73 | 5.60     | 132.7         | 3.72  | 90.4   | 25658         | 42.4           | 350*   | -41.99        | 58.01*                 | 44738   | 244919 |        |
| 76838.73 | 8.33     | 66.3          | 6.03  | 97.5   | 25734         | -31.1          | *      | *             | 44805                  | 245017  | *      |        |
| 76858.73 | 0.00     | 8.3           | 23.79 | 298.2  | 25742         | -289.9         | *      | *             | 44813                  | 245315  | *      |        |
| 76878.73 | 0.00     | 0.0           | 22.57 | 463.6  | 25742         | -463.6         | *      | *             | 44813                  | 245778  | *      |        |
| 76898.73 | 6.68     | 66.8          | 28.90 | 514.7  | 25809         | -447.9         | *      | *             | 44880                  | 246293  | *      |        |
| 76918.73 | 7.52     | 142.0         | 31.36 | 602.7  | 25951         | -450.6         | *      | *             | 45022                  | 246496  | *      |        |
| 76938.73 | 8.37     | 159.0         | 42.60 | 740.5  | 26110         | -581.6         | *      | *             | 45181                  | 247636  | *      |        |
| 76958.73 | 0.00     | 83.7          | 43.81 | 865.0  | 26194         | -781.3         | *      | *             | 45264                  | 248501  | *      |        |
| 76978.73 | 0.00     | 0.0           | 36.44 | 802.5  | 26194         | -802.5         | *      | *             | 45264                  | 249304  | *      |        |
| 76998.73 | 0.00     | 0.0           | 16.33 | 527.7  | 26194         | -527.7         | *      | *             | 45264                  | 249832  | *      |        |
| 77018.73 | 1.86     | 18.6          | 15.56 | 314.8  | 26212         | -300.2         | *      | *             | 45283                  | 250150  | *      |        |
| 77038.73 | 7.51     | 93.7          | 11.70 | 272.5  | 26306         | -178.9         | *      | *             | 45377                  | 250423  | *      |        |
| 77058.73 | 6.20     | 137.1         | 6.04  | 177.4  | 26443         | -40.3          | *      | *             | 45314                  | 250600  | *      |        |
| 77078.73 | 0.00     | 62.0          | 10.51 | 167.5  | 26505         | -103.5         | *      | *             | 45576                  | 250766  | *      |        |
| 77098.73 | 0.00     | 0.0           | 7.73  | 182.4  | 26505         | -182.4         | *      | *             | 45576                  | 250948  | *      |        |
| 77118.73 | 2.81     | 28.1          | 7.58  | 153.1  | 26533         | -125.0         | *      | *             | 45604                  | 251101  | *      |        |
| 77138.73 | 3.15     | 59.8          | 4.03  | 115.1  | 26593         | -56.4          | *      | *             | 45664                  | 251218  | *      |        |
| 77158.73 | 4.14     | 86.5          | 15.46 | 203.8  | 26670         | -14.8          | *      | *             | 45740                  | 251309  | *      |        |
| 77178.73 | 0.00     | 41.4          | 39.94 | 554.4  | 26798         | -119.3         | *      | *             | 45827                  | 251515  | *      |        |
| 77198.73 | 0.00     | 0.0           | 30.52 | 705.0  | 26798         | -705.0         | *      | *             | 45868                  | 252069  | *      |        |
| 77218.73 | 0.00     | 0.0           | 22.06 | 523.8  | 26801         | -522.5         | *      | *             | 45968                  | 252774  | *      |        |
| 77238.73 | 3.32     | 23.8          | 7.46  | 300.1  | 26825         | -276.3         | -752*  | -207.04       | 232.96*                | 45972   | 253300 |        |
| 77258.73 | 2.06     | 124.0         | 3.49  | 114.5  | 26939         | 9.5            | *      | *             | 45995                  | 253600  | *      |        |
| 77278.73 | 10.34    | 251.4         | 3.42  | 69.1   | 27008         | 182.3          | *      | *             | 46019                  | 253715  | *      |        |
| 77298.73 | 14.60    |               |       |        |               |                | *      | *             | 46271                  | 253784  | *      |        |

DEPARTEMENT RWA

ROUTE KI-

DATE 16/04/75

SURFACES

| PK        | REPLAIS | ASSIETTE | TOTALE | DEBLAIS | TALUS | REPLAIS | DEBLAIS | SURFACES | ELEM  | CUMULEE | SURFACES | ELEM | CUMULEE | SURFACES | ELEM | CUMULEE |
|-----------|---------|----------|--------|---------|-------|---------|---------|----------|-------|---------|----------|------|---------|----------|------|---------|
| 76538.73* | 209     | 59974    | 81     | 90195*  | 113   | 23343   | 11      | 23585*   | 20.00 | 16137*  |          |      |         |          |      |         |
| 76558.73* | 237     | 60212    | 38     | 99233*  | 115   | 23458   | 9       | 23598*   | 20.00 | 16157*  |          |      |         |          |      |         |
| 76578.73* | 193     | 60405    | 64     | 99293*  | 91    | 23549   | 20      | 23514*   | 20.00 | 16177*  |          |      |         |          |      |         |
| 76598.73* | 141     | 60545    | 98     | 99393*  | 67    | 23616   | 29      | 23643*   | 20.00 | 16197*  |          |      |         |          |      |         |
| 76618.73* | 112     | 60658    | 144    | 99540*  | 69    | 23685   | 25      | 23699*   | 20.00 | 16217*  |          |      |         |          |      |         |
| 76638.73* | 48      | 60705    | 218    | 99758*  | 17    | 23703   | 21      | 23784*   | 29.93 | 16247*  |          |      |         |          |      |         |
| 76658.73* | 0       | 60705    | 272    | 100030* | 0     | 23703   | 94      | 23784*   | 40.00 | 16287*  |          |      |         |          |      |         |
| 76678.73* | 0       | 60705    | 265    | 100295* | 0     | 23703   | 87      | 23871*   | 40.00 | 16327*  |          |      |         |          |      |         |
| 76698.73* | 28      | 60734    | 212    | 100507* | 0     | 23703   | 31      | 23902*   | 40.00 | 16367*  |          |      |         |          |      |         |
| 76718.73* | 116     | 60849    | 128    | 100634* | 37    | 23740   | 33      | 23935*   | 21.82 | 16388*  |          |      |         |          |      |         |
| 76738.73* | 185     | 61034    | 69     | 100703* | 84    | 23824   | 31      | 23966*   | 20.00 | 16408*  |          |      |         |          |      |         |
| 76758.73* | 181     | 61215    | 75     | 100778* | 88    | 23913   | 26      | 23992*   | 20.00 | 16428*  |          |      |         |          |      |         |
| 76778.73* | 159     | 61374    | 100    | 100878* | 91    | 24003   | 30      | 24021*   | 20.00 | 16448*  |          |      |         |          |      |         |
| 76798.73* | 161     | 61535    | 96     | 100974* | 86    | 24089   | 40      | 24081*   | 20.00 | 16468*  |          |      |         |          |      |         |
| 76818.73* | 167     | 61702    | 79     | 101053* | 72    | 24161   | 43      | 24104*   | 20.00 | 16488*  |          |      |         |          |      |         |
| 76838.73* | 112     | 61814    | 114    | 101167* | 49    | 24211   | 35      | 24139*   | 20.00 | 16508*  |          |      |         |          |      |         |
| 76858.73* | 31      | 61844    | 195    | 101362* | 4     | 24214   | 32      | 24171*   | 35.93 | 16544*  |          |      |         |          |      |         |
| 76878.73* | 0       | 61844    | 238    | 101600* | 0     | 24214   | 29      | 24200*   | 40.00 | 16584*  |          |      |         |          |      |         |
| 76898.73* | 77      | 61921    | 198    | 101798* | 18    | 24232   | 29      | 24239*   | 30.44 | 16615*  |          |      |         |          |      |         |
| 76918.73* | 158     | 62079    | 162    | 101958* | 81    | 24313   | 54      | 24283*   | 20.00 | 16635*  |          |      |         |          |      |         |
| 76938.73* | 144     | 62222    | 196    | 102155* | 103   | 24417   | 62      | 24345*   | 20.02 | 16655*  |          |      |         |          |      |         |
| 76958.73* | 63      | 62285    | 251    | 102406* | 29    | 24446   | 48      | 24393*   | 30.52 | 16685*  |          |      |         |          |      |         |
| 76978.73* | 0       | 62285    | 259    | 102665* | 0     | 24446   | 58      | 24450*   | 40.00 | 16725*  |          |      |         |          |      |         |
| 76998.73* | 0       | 62285    | 240    | 102905* | 0     | 24446   | 42      | 24493*   | 40.00 | 16765*  |          |      |         |          |      |         |
| 77018.73* | 40      | 62325    | 223    | 103128* | 1     | 24447   | 18      | 24511*   | 39.36 | 16805*  |          |      |         |          |      |         |
| 77038.73* | 119     | 62444    | 173    | 103302* | 93    | 24540   | 28      | 24539*   | 20.01 | 16825*  |          |      |         |          |      |         |
| 77058.73* | 150     | 62595    | 131    | 103432* | 96    | 24636   | 39      | 24578*   | 20.01 | 16845*  |          |      |         |          |      |         |
| 77078.73* | 71      | 62665    | 158    | 103591* | 39    | 24675   | 40      | 24618*   | 24.05 | 16869*  |          |      |         |          |      |         |
| 77098.73* | 0       | 62665    | 190    | 103740* | 0     | 24675   | 47      | 24655*   | 40.01 | 16909*  |          |      |         |          |      |         |
| 77118.73* | 46      | 62712    | 167    | 103947* | 28    | 24703   | 38      | 24704*   | 23.14 | 16932*  |          |      |         |          |      |         |
| 77138.73* | 113     | 62825    | 113    | 104060* | 50    | 24753   | 36      | 24740*   | 20.00 | 16952*  |          |      |         |          |      |         |
| 77158.73* | 148     | 62973    | 84     | 104144* | 55    | 24808   | 44      | 24784*   | 20.00 | 16972*  |          |      |         |          |      |         |
| 77178.73* | 156     | 63129    | 109    | 104254* | 76    | 24884   | 44      | 24828*   | 20.00 | 16992*  |          |      |         |          |      |         |
| 77198.73* | 75      | 63203    | 200    | 104454* | 13    | 24897   | 29      | 24856*   | 33.25 | 17025*  |          |      |         |          |      |         |
| 77218.73* | 0       | 63203    | 244    | 104698* | 0     | 24897   | 39      | 24895*   | 40.00 | 17065*  |          |      |         |          |      |         |
| 77238.73* | 15      | 63218    | 217    | 104915* | 1     | 24898   | 44      | 24939*   | 39.05 | 17104*  |          |      |         |          |      |         |
| 77258.73* | 95      | 63314    | 150    | 105064* | 41    | 24939   | 18      | 24957*   | 20.00 | 17124*  |          |      |         |          |      |         |
| 77278.73* | 211     | 63524    | 56     | 105120* | 88    | 25028   | 21      | 24978*   | 20.00 | 17144*  |          |      |         |          |      |         |
| 77298.73* | 231     | 63755    | 69     | 105189* | 138   | 25166   | 38      | 25016*   | 20.00 | 17164*  |          |      |         |          |      |         |

| PK        | TALUS ET ELEMENTS DE GAUCHE  | COTE        | DENI-            | TALUS ET ELEMENTS DE DROITE | LARG.  |
|-----------|--|-------------|------------------|-----------------------------|--------|
|           | HAUT. * LIM. D'ASSIETTE * LIM. PLATEFORME * LIM. D'ASSIETTE * HAUT. * ASS. | ABSC * COTE | LEE * SUR L'AXE  | ARSC * COTE                 |        |
| 77318.73* | -1.08  | -5.22       | 1814.01*1814.12* | 1814.01                     | 3.27*  |
| 77338.73* | -1.53  | -5.31       | 1814.29*1814.40* | 1814.29                     | 4.09*  |
| 77358.73* | -2.50  | -5.50       | 1814.59*1814.70* | 1814.59                     | .48*   |
| 77378.73* | -2.66  | -5.53       | 1814.90*1815.01* | 1814.90                     | 0.00*  |
| 77398.73* | -3.31  | -6.66       | 1815.21*1815.32* | 1815.21                     | -.95*  |
| 77418.73* | -2.48  | -5.50       | 1815.51*1815.62* | 1815.51                     | -.56*  |
| 77438.73* | -1.88  | -5.38       | 1815.82*1815.93* | 1815.82                     | .30*   |
| 77458.73* | -1.68  | -5.34       | 1816.13*1816.24* | 1816.13                     | 3.32*  |
| 77478.73* | -2.27  | -5.45       | 1816.47*1816.58* | 1816.47                     | 3.01*  |
| 77498.73* | -1.78  | -5.36       | 1816.92*1817.03* | 1816.92                     | 4.64*  |
| 77518.73* | -2.46  | -5.49       | 1817.46*1817.57* | 1817.46                     | 7.01*  |
| 77538.73* | -4.59  | -6.92       | 1818.10*1818.21* | 1818.10                     | 6.61*  |
| 77558.73* | -5.20  | -7.04       | 1818.78*1818.89* | 1818.78                     | -.29*  |
| 77578.73* | -6.39  | -8.28       | 1819.47*1819.58* | 1819.47                     | -.09*  |
| 77598.73* | -4.09  | -6.82       | 1820.15*1820.26* | 1820.15                     | 5.03*  |
| 77618.73* | -3.35  | -6.67       | 1820.85*1820.96* | 1820.85                     | 0.00*  |
| 77638.73* | -3.62  | -6.72       | 1821.64*1821.75* | 1821.64                     | 1.05*  |
| 77658.73* | -3.02  | -6.60       | 1822.51*1822.62* | 1822.51                     | .90*   |
| 77678.73* | -2.51  | -5.50       | 1823.48*1823.59* | 1823.48                     | 0.00*  |
| 77698.73* | -1.17  | -5.23       | 1824.53*1824.64* | 1824.53                     | 1.22*  |
| 77718.73* | -.82   | -5.16       | 1825.67*1825.78* | 1825.67                     | 1.63*  |
| 77738.73* | -1.32  | -5.26       | 1826.84*1826.95* | 1826.84                     | .23*   |
| 77758.73* | -2.43  | -5.49       | 1828.00*1828.11* | 1828.00                     | -1.01* |
| 77778.73* | -3.20  | -6.64       | 1829.16*1829.27* | 1829.16                     | -1.34* |
| 77798.73* | -2.57  | -5.51       | 1830.32*1830.43* | 1830.32                     | -1.03* |
| 77818.73* | -1.69  | -5.34       | 1831.48*1831.59* | 1831.48                     | 0.00*  |
| 77838.73* | -.70   | -5.14       | 1832.64*1832.75* | 1832.64                     | 4.11*  |
| 77858.73* | -.30   | -5.06       | 1833.81*1833.92* | 1833.81                     | 4.39*  |
| 77878.73* | -1.17  | -5.23       | 1834.95*1835.06* | 1834.95                     | 2.18*  |
| 77898.73* | -3.03  | -6.61       | 1835.93*1836.04* | 1835.93                     | 1.07*  |
| 77918.73* | -3.46  | -6.69       | 1836.71*1836.82* | 1836.71                     | 0.00*  |
| 77938.73* | -2.83  | -5.57       | 1837.29*1837.40* | 1837.29                     | 0.00*  |
| 77958.73* | -3.49  | -6.70       | 1837.67*1837.78* | 1837.67                     | -.48*  |
| 77978.73* | -2.63  | -5.53       | 1837.89*1838.00* | 1837.89                     | 0.00*  |
| 77998.73* | -3.34  | -6.67       | 1838.09*1838.20* | 1838.09                     | -.55*  |
| 78018.73* | -3.76  | -6.75       | 1838.29*1838.40* | 1838.29                     | 0.00*  |
| 78038.73* | -3.17  | -6.63       | 1838.49*1838.60* | 1838.49                     | 1.90*  |
| 78058.73* | -3.91  | -6.78       | 1838.69*1838.80* | 1838.69                     | 8.28*  |
| 78078.73* | -3.58  | -6.72       | 1838.89*1839.00* | 1838.89                     | 8.09*  |

CUBATURES

| PK       | REMOIS | SURF VOL.ELEM SURF | DEPLAIS        | TERRASSEMENTS | UTILIS. NON UTIL | SOMME CENT. DE GRAVITE | VOLUME CUNULE | DEPLAI |        |
|----------|--------|--------------------|----------------|---------------|------------------|------------------------|---------------|--------|--------|
|          |        |                    | DANS LE PROFIL | DE            | MEME             | ABSC I                 | ABSC 2        | DEPLAI |        |
|          |        |                    |                | OCURULE       | ELEMENTAIRE      | NATURE                 |               |        |        |
|          |        |                    |                | -D            | +R               |                        |               |        |        |
| 77318.73 | 12.08  | 268.8              | 2.27           | 56.9          | 27065            | 211.9                  | 27065         | 46539  | 253341 |
| 77338.73 | 7.81   | 198.9              | 2.96           | 52.3          | 27118            | 146.5                  | 27118         | 46738  | 253893 |
| 77358.73 | .31    | 81.2               | 12.15          | 151.2         | 27199            | -70.0                  | 27199         | 46820  | 254044 |
| 77378.73 | 0.00   | 3.1                | 12.85          | 250.0         | 27202            | -246.9                 | 27202         | 46823  | 254294 |
| 77398.73 | 0.00   | 0.0                | 24.07          | 369.2         | 27202            | -369.2                 | 27202         | 46823  | 254663 |
| 77418.73 | 0.00   | 0.0                | 15.22          | 392.9         | 27202            | -392.9                 | 27202         | 46823  | 255056 |
| 77438.73 | 1.95   | 19.5               | 4.58           | 198.0         | 27221            | -178.5                 | 27221         | 46842  | 255254 |
| 77458.73 | 4.78   | 67.3               | 5.07           | 95.4          | 27289            | -29.1                  | 27289         | 46909  | 255351 |
| 77478.73 | 4.37   | 91.5               | 8.80           | 138.7         | 27390            | -47.2                  | 27390         | 47001  | 255489 |
| 77498.73 | 11.57  | 153.4              | 5.92           | 147.2         | 27527            | 12.2                   | 27527         | 47160  | 255637 |
| 77518.73 | 22.50  | 344.8              | 6.80           | 127.2         | 27655            | 217.6                  | 27655         | 47505  | 255764 |
| 77538.73 | 30.78  | 536.8              | 21.80          | 235.9         | 27941            | 250.9                  | 27941         | 48042  | 256050 |
| 77558.73 | 0.00   | 507.8              | 25.26          | 470.6         | 28248            | -162.8                 | 28248         | 48350  | 256520 |
| 77578.73 | .02    | 32.4               | 11.51          | 509.8         | 28249            | -509.6                 | 28249         | 48350  | 257830 |
| 77598.73 | 3.22   | 32.9               | 9.86           | 372.3         | 28281            | -339.9                 | 28281         | 48350  | 257830 |
| 77618.73 | .07    | 32.9               | 8.91           | 213.7         | 28314            | -180.8                 | 28314         | 48350  | 257830 |
| 77638.73 | 2.09   | 21.7               | 8.91           | 187.7         | 28336            | -166.0                 | 28336         | 48415  | 257516 |
| 77658.73 | .55    | 26.4               | 11.03          | 194.3         | 28362            | -172.9                 | 28362         | 48463  | 259003 |
| 77678.73 | 0.00   | 5.5                | 10.03          | 210.6         | 28367            | -205.1                 | 28367         | 48469  | 259214 |
| 77698.73 | 2.45   | 24.5               | 3.06           | 131.0         | 28392            | -108.5                 | 28392         | 48463  | 259345 |
| 77718.73 | 4.90   | 73.5               | 1.06           | 41.2          | 28433            | 37.3                   | 28433         | 48567  | 259396 |
| 77738.73 | .23    | 51.3               | 4.05           | 51.1          | 28484            | .2                     | 28484         | 48567  | 259437 |
| 77754.73 | 0.00   | 2.3                | 15.24          | 192.5         | 28487            | -190.6                 | 28487         | 48620  | 259430 |
| 77778.73 | 0.00   | 0.0                | 23.24          | 384.8         | 28487            | -384.8                 | 28487         | 48620  | 259015 |
| 77798.73 | 0.00   | 0.0                | 16.88          | 401.2         | 28487            | -401.2                 | 28487         | 48620  | 259416 |
| 77818.73 | 0.00   | 0.0                | 6.19           | 230.8         | 28487            | -230.8                 | 28487         | 48620  | 259416 |
| 77838.73 | 9.50   | 95.0               | .97            | 71.6          | 28558            | 23.4                   | 28558         | 48715  | 259718 |
| 77858.73 | 14.92  | 244.2              | .18            | 11.4          | 28570            | 232.7                  | 28570         | 48960  | 259730 |
| 77878.73 | 9.05   | 229.7              | 3.30           | 34.8          | 28604            | 194.9                  | 28604         | 49189  | 259764 |
| 77908.73 | 3.09   | 111.4              | 7.86           | 111.6         | 28716            | .2                     | 28716         | 49301  | 259876 |
| 77918.73 | .06    | 31.5               | 11.54          | 194.1         | 28747            | -162.5                 | 28747         | 49301  | 259876 |
| 77938.73 | 0.00   | .6                 | 15.66          | 272.0         | 28748            | -271.4                 | 28748         | 49332  | 260070 |
| 77958.73 | 0.00   | 0.0                | 18.66          | 343.2         | 28748            | -343.2                 | 28748         | 49333  | 260342 |
| 77978.73 | 0.00   | 0.0                | 10.33          | 289.9         | 28748            | -289.9                 | 28748         | 49333  | 260685 |
| 77998.73 | .02    | .2                 | 12.07          | 224.0         | 28748            | -223.8                 | 28748         | 49333  | 260975 |
| 78018.73 | 0.00   | .2                 | 13.43          | 255.0         | 28748            | -254.8                 | 28748         | 49333  | 261199 |
| 78038.73 | 1.58   | 15.8               | 7.60           | 210.3         | 28764            | -194.5                 | 28764         | 49333  | 261454 |
| 78058.73 | 37.66  | 392.3              | 6.50           | 141.0         | 28905            | 251.3                  | 28905         | 49349  | 261665 |
| 78078.73 | 23.46  | 611.2              | 11.67          | 141.7         | 29087            | 429.5                  | 29087         | 49741  | 261806 |
|          |        |                    |                |               |                  |                        |               | 50353  | 261987 |

| PK        | ASSIETTE TOTALE  | REMBLAIS         | DEBLAIS          | TALUS            | LONGUEUR FOSSE      |
|-----------|------------------|------------------|------------------|------------------|---------------------|
|           | ELEM * CUMULEE * | SURFACES         | ELEM * CUMULEE * | DEBLAIS          | ELEMENT * CUMULEE * |
|           |                  | ELEM * CUMULEE * | SURFACES         | ELEM * CUMULEE * |                     |
|           |                  |                  |                  |                  |                     |
| 77318.73* | 218              | 63973            | 105273*          | 25308            | 25046*              |
| 77338.73* | 212              | 64184            | 105366*          | 25454            | 25072*              |
| 77358.73* | 134              | 64319            | 105498*          | 25550            | 25113*              |
| 77378.73* | 17               | 64336            | 105684*          | 25559            | 25168*              |
| 77398.73* | 0                | 64336            | 105899*          | 25558            | 25212*              |
| 77418.73* | 0                | 64336            | 106124*          | 25558            | 25256*              |
| 77438.73* | 56               | 64391            | 106277*          | 25561            | 25304*              |
| 77458.73* | 140              | 64531            | 106388*          | 25640            | 25340*              |
| 77478.73* | 155              | 64686            | 106524*          | 25768            | 25381*              |
| 77498.73* | 172              | 64858            | 106664*          | 25920            | 25422*              |
| 77518.73* | 254              | 65113            | 106782*          | 26144            | 25465*              |
| 77538.73* | 280              | 65393            | 106919*          | 26404            | 25506*              |
| 77558.73* | 127              | 65520            | 107126*          | 26498            | 25546*              |
| 77578.73* | 3                | 65523            | 107377*          | 26500            | 25576*              |
| 77598.73* | -13              | 65510            | 107594*          | 26504            | 25592*              |
| 77618.73* | 6                | 65515            | 107786*          | 26526            | 25609*              |
| 77638.73* | 46               | 65562            | 107940*          | 26554            | 25619*              |
| 77658.73* | 130              | 65691            | 108062*          | 26609            | 25626*              |
| 77678.73* | 149              | 65840            | 108107*          | 26637            | 25651*              |
| 77698.73* | 59               | 65899            | 108256*          | 26666            | 25689*              |
| 77718.73* | 149              | 66048            | 108343*          | 26731            | 25709*              |
| 77738.73* | 117              | 66165            | 108447*          | 26779            | 25731*              |
| 77758.73* | 28               | 66193            | 108626*          | 26780            | 25779*              |
| 77778.73* | 0                | 66193            | 108852*          | 26780            | 25830*              |
| 77798.73* | 0                | 66193            | 109078*          | 26780            | 25882*              |
| 77818.73* | 0                | 66193            | 109278*          | 26780            | 25937*              |
| 77838.73* | 131              | 66325            | 109396*          | 26860            | 25962*              |
| 77858.73* | 278              | 66603            | 109437*          | 27027            | 25972*              |
| 77878.73* | 221              | 66823            | 109506*          | 27160            | 25987*              |
| 77898.73* | 179              | 67002            | 109584*          | 27239            | 25999*              |
| 77918.73* | 158              | 67160            | 109624*          | 27278            | 26005*              |
| 77938.73* | 5                | 67165            | 109828*          | 27281            | 26049*              |
| 77958.73* | 0                | 67165            | 110047*          | 27281            | 26096*              |
| 77978.73* | 0                | 67165            | 110264*          | 27281            | 26139*              |
| 77998.73* | 3                | 67168            | 110479*          | 27283            | 26182*              |
| 78018.73* | 3                | 67171            | 110710*          | 27285            | 26210*              |
| 78038.73* | 114              | 67285            | 110803*          | 27317            | 26223*              |
| 78058.73* | 299              | 67585            | 110880*          | 27521            | 26234*              |
| 78078.73* | 355              | 67940            | 110994*          | 27830            | 26249*              |

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 DONNEES GEOMETRIQUES  
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| PK       | TALUS ET FLEMENTS DE GAUCHE         | COTE        | DENI- | TALUS ET FLEMENTS DE DROITE     | LARG.      |       |       |
|----------|-------------------------------------|-------------|-------|---------------------------------|------------|-------|-------|
|          | HAUT. LIM. QUASISTE LIM. PLATEFORME | PROJET      | VEL-  | LIM. PLATEFORME LIM. D ASSIETTE | HAUT. ASS. |       |       |
|          | * ABSC * COTE * ARSC * COTE         | * SUR L AXE | * LEE | * ARSC * COTE * ANSC * COTE     |            |       |       |
| 78099.73 | -6.59                               | 1843.49     | -2.20 | 4.36                            | 1839.05    | 0.00  | 11.24 |
| 78118.73 | -6.92                               | 1843.77     | -1.93 | 5.08                            | 1839.56    | -0.00 | 12.00 |
| 78134.73 | -6.99                               | 1843.68     | -1.83 | 5.04                            | 1839.40    | -0.21 | 11.94 |
| 78153.73 | -7.10                               | 1844.64     | -2.23 | 5.20                            | 1840.17    | -1.02 | 12.30 |
| 78170.73 | -8.35                               | 1845.80     | -2.25 | 5.25                            | 1840.30    | -1.23 | 13.50 |
| 78198.73 | -8.37                               | 1845.85     | -1.65 | 5.26                            | 1840.30    | -1.30 | 13.63 |
| 78218.73 | -8.22                               | 1845.05     | -0.53 | 5.06                            | 1839.25    | -0.31 | 13.29 |
| 78238.73 | -6.77                               | 1842.69     | -1.32 | 6.75                            | 1837.33    | 1.53  | 13.52 |
| 78258.73 | -5.19                               | 1839.73     | 0.86  | 13.82                           | 1832.54    | 6.24  | 19.01 |
| 78278.73 | -5.82                               | 1837.85     | 1.71  | 11.48                           | 1834.08    | 4.44  | 17.30 |
| 78298.73 | -4.61                               | 1838.71     | 1.10  | 8.99                            | 1835.79    | 3.02  | 13.61 |
| 78318.73 | -5.42                               | 1841.03     | 0.01  | 4.77                            | 1838.74    | 0.21  | 10.19 |
| 78338.73 | -5.50                               | 1841.60     | -1.38 | 5.09                            | 1839.55    | -0.45 | 10.50 |
| 78358.73 | -5.86                               | 1841.11     | -1.69 | 4.02                            | 1839.24    | 0.00  | 10.70 |
| 78378.73 | -7.01                               | 1844.47     | -1.76 | 5.06                            | 1839.69    | -0.30 | 12.07 |
| 78398.73 | -8.34                               | 1846.24     | -1.01 | 5.06                            | 1839.86    | -0.32 | 13.40 |
| 78418.73 | -7.02                               | 1844.85     | -0.57 | 15.95                           | 1832.08    | 7.46  | 22.97 |
| 78438.73 | -8.23                               | 1846.15     | -1.12 | 5.13                            | 1840.65    | -0.64 | 13.36 |
| 78458.73 | -7.07                               | 1845.67     | -1.55 | 5.18                            | 1841.20    | -0.69 | 12.25 |
| 78478.73 | -6.80                               | 1844.62     | -0.63 | 4.94                            | 1840.52    | 0.00  | 11.74 |
| 78498.73 | -5.48                               | 1843.34     | -0.17 | 10.48                           | 1836.92    | 4.02  | 15.96 |
| 78518.73 | -6.68                               | 1844.67     | 0.03  | 6.84                            | 1839.66    | 1.59  | 13.52 |
| 78538.73 | -6.76                               | 1845.37     | -0.40 | 4.88                            | 1841.55    | 0.00  | 11.44 |
| 78558.73 | -5.45                               | 1844.13     | -0.90 | 10.13                           | 1838.08    | 3.79  | 15.59 |
| 78574.73 | -5.51                               | 1844.73     | -0.28 | 5.54                            | 1841.45    | 0.73  | 11.05 |
| 78594.73 | -6.63                               | 1845.60     | 0.02  | 4.28                            | 1842.46    | 0.00  | 10.90 |
| 78618.73 | -6.64                               | 1845.85     | -0.36 | 4.90                            | 1842.67    | 0.00  | 11.54 |
| 78638.73 | -5.51                               | 1845.35     | 0.21  | 5.25                            | 1842.27    | 0.53  | 10.76 |
| 78658.73 | -5.54                               | 1845.53     | 0.03  | 4.66                            | 1842.85    | 0.00  | 10.20 |
| 78678.73 | -6.61                               | 1845.86     | -0.15 | 5.02                            | 1842.83    | -0.09 | 11.62 |
| 78698.73 | -5.38                               | 1844.65     | -0.14 | 4.60                            | 1842.73    | 0.00  | 9.98  |
| 78718.73 | -5.44                               | 1844.82     | 0.28  | 5.09                            | 1842.22    | 0.42  | 10.53 |
| 78738.73 | -5.28                               | 1843.95     | 0.03  | 4.99                            | 1842.19    | 0.36  | 10.27 |
| 78758.73 | -5.32                               | 1844.07     | 0.46  | 7.26                            | 1840.53    | 1.87  | 12.58 |
| 78778.73 | -5.25                               | 1843.59     | 0.66  | 8.00                            | 1839.09    | 2.36  | 13.24 |
| 78798.73 | -5.38                               | 1844.18     | 0.67  | 10.25                           | 1838.33    | 3.93  | 15.73 |
| 78818.73 | -5.31                               | 1843.72     | 0.65  | 7.54                            | 1840.11    | 2.06  | 12.85 |
| 78838.73 | -5.32                               | 1843.65     | 0.80  | 7.34                            | 1840.14    | 1.93  | 12.66 |
| 78858.73 | -5.39                               | 1843.94     | 0.39  | 6.04                            | 1840.91    | 1.05  | 11.43 |

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 CUBATURES  
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| PK       | REMLAIS | DEBLAIS | TERRASSEMENTS<br>UTILIS. NON UTIL<br>DANS LE PROFIL | SURF VOL.ELEME SURF VOL.ELFH | DEBLAIS | TERRASSEMENTS<br>UTILIS. NON UTIL<br>DANS LE PROFIL | SURF VOL.ELEME SURF VOL.ELFH | MEME<br>NATURE | ABSC 1 | ABSC 2 | DEBLAI |
|----------|---------|---------|---|------------------------------|---------|---|------------------------------|----------------|--------|--------|--------|
|          |         |         |   |                              |         |   |                              |                |        |        |        |
| 78099.73 | 0.00    | 234.6   | 20.67   | 323.3                        | 29321   | -80.8   | 29321                        |                |        | 50587  | 262311 |
| 78118.73 | 0.00    | 0.0     | 21.77   | 424.4                        | 29321   | -424.4  | 29321                        |                |        | 50587  | 262735 |
| 78138.73 | 0.00    | 0.0     | 19.86   | 416.3                        | 29321   | -416.3  | 29321                        |                |        | 50587  | 263151 |
| 78158.73 | 0.00    | 0.0     | 26.60   | 464.6                        | 29321   | -464.6  | 29321                        |                |        | 50587  | 263616 |
| 78178.73 | 0.00    | 0.0     | 31.91   | 585.0                        | 29321   | -585.0  | 29321                        |                |        | 50587  | 264201 |
| 78198.73 | 0.00    | 0.0     | 33.57   | 654.8                        | 29321   | -654.8  | 29321                        |                |        | 50587  | 264858 |
| 78218.73 | .16     | 1.6     | 21.83   | 554.0                        | 29323   | -552.4  | 29323                        |                |        | 50587  | 265410 |
| 78238.73 | 4.29    | 44.5    | 13.20   | 350.3                        | 29368   | -305.8  | 29368                        |                | -88.58 | 50633  | 265750 |
| 78258.73 | 19.65   | 239.4   | 1.16  | 143.6                        | 29511   | 95.8  | 29511                        |                |        | 50633  | 265904 |
| 78278.73 | 30.31   | 499.6   | -0.00   | 11.6                         | 29523   | 488.0   | 29523                        |                |        | 51372  | 265915 |
| 78298.73 | 12.25   | 425.6   | -0.00   | -0.0                         | 29523   | 425.6   | 29523                        |                |        | 51372  | 265915 |
| 78318.73 | .42     | 126.7   | 6.00  | 60.0                         | 29583   | 66.7  | 29583                        |                | 1076   | 51929  | 265975 |
| 78338.73 | 0.00    | 4.2     | 14.97   | 209.7                        | 29587   | -205.5  | 29587                        |                |        | 51929  | 266185 |
| 78358.73 | 0.00    | 0.0     | 18.72   | 336.9                        | 29587   | -336.9  | 29587                        |                |        | 51929  | 266522 |
| 78378.73 | 0.00    | 0.0     | 28.39   | 471.1                        | 29587   | -471.1  | 29587                        |                |        | 51929  | 266993 |
| 78398.73 | 0.00    | 0.0     | 27.42   | 559.0                        | 29587   | -559.0  | 29587                        |                |        | 51929  | 267551 |
| 78418.73 | 7.79    | 77.8    | 19.52   | 469.4                        | 29665   | -391.6  | 29665                        |                |        | 52007  | 268020 |
| 78438.73 | .01     | 77.9    | 29.53   | 490.5                        | 29743   | -412.7  | 29743                        |                |        | 52007  | 268511 |
| 78458.73 | 0.00    | .1      | 27.42   | 569.6                        | 29743   | -569.6  | 29743                        |                |        | 52084  | 269081 |
| 78478.73 | 0.00    | 0.0     | 13.75   | 411.7                        | 29743   | -411.7  | 29743                        |                |        | 52084  | 269492 |
| 78498.73 | 3.16    | 31.6    | 7.46  | 212.1                        | 29774   | -411.7  | 29774                        |                |        | 52116  | 269704 |
| 78518.73 | .90     | 40.6    | 7.39  | 148.5                        | 29815   | -107.9  | 29815                        |                |        | 52157  | 269953 |
| 78538.73 | 0.00    | 9.0     | 13.04   | 204.3                        | 29824   | -195.3  | 29824                        |                |        | 52166  | 270057 |
| 78558.73 | 4.14    | 41.4    | 9.26  | 222.9                        | 29865   | -181.5  | 29865                        |                |        | 52207  | 270280 |
| 78578.73 | .44     | 45.8    | 7.94  | 171.3                        | 29911   | -126.1  | 29911                        |                |        | 52253  | 270452 |
| 78598.73 | .05     | 4.0     | 8.35  | 162.4                        | 29916   | -157.9  | 29916                        |                |        | 52258  | 270615 |
| 78618.73 | 0.00    | .5      | 11.26   | 196.1                        | 29917   | -195.6  | 29917                        |                |        | 52269  | 271002 |
| 78638.73 | 1.05    | 10.5    | 7.85  | 191.1                        | 29927   | -180.6  | 29927                        |                |        | 52279  | 271169 |
| 78658.73 | .01     | 10.6    | 8.89  | 167.4                        | 29938   | -156.8  | 29938                        |                |        | 52280  | 271379 |
| 78678.73 | .01     | .2      | 12.07   | 209.6                        | 29938   | -209.4  | 29938                        |                |        | 52291  | 271689 |
| 78698.73 | 0.00    | .1      | 5.95  | 180.2                        | 29938   | -120.1  | 29938                        |                |        | 52291  | 271689 |
| 78718.73 | 1.14    | 11.4    | 7.08  | 139.3                        | 29949   | -90.1   | 29949                        |                |        | 52307  | 271795 |
| 78738.73 | .44     | 15.8    | 3.51  | 105.9                        | 29965   | -21.0   | 29965                        |                | -5459  | 52347  | 271857 |
| 78758.73 | 3.59    | 40.3    | 2.62  | 61.3                         | 30005   | 38.3  | 30005                        |                | 164.15 | 52433  | 271904 |
| 78778.73 | 4.98    | 85.7    | 2.13  | 47.4                         | 30053   | 46.1  | 30053                        |                |        | 52548  | 271973 |
| 78798.73 | 6.53    | 115.1   | 4.77  | 69.0                         | 30122   | 73.7  | 30122                        |                |        | 52682  | 272033 |
| 78818.73 | 6.66    | 133.8   | 1.25  | 60.2                         | 30182   | 63.4  | 30182                        |                |        | 52798  | 272086 |
| 78838.73 | 4.72    | 115.8   | 3.99  | 52.4                         | 30234   | 23.8  | 30234                        |                | 221    | 52860  | 272181 |
| 78858.73 | 2.47    | 71.9    | 5.58  | 95.7                         | 30306   | -23.8   | 30306                        |                |        |        |        |

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| PK        | ASSIETTE TOTALE | REMBLAIS | DEBLAIS | SURFACES ELEM * CUMULEE * | TALUS | REMBLAIS | DEBLAIS | SURFACES ELEM * CUMULEE * | LONGUEUR FOSSE | ELEMENT * CUMULEE * |
|-----------|-----------------|----------|---------|---------------------------|-------|----------|---------|---------------------------|----------------|---------------------|
| 78098.73* | 169             | 68108    | 177     | 111172                    | 114   | 27944    | 22      | 26272*                    | 25.12          | 18255*              |
| 78118.73* | 0               | 68108    | 232     | 111406                    | 0     | 27944    | 41      | 26313*                    | 40.00          | 18295*              |
| 78138.73* | 0               | 68108    | 239     | 111643                    | 0     | 27944    | 38      | 26351*                    | 40.00          | 18335*              |
| 78158.73* | 0               | 68108    | 242     | 111886                    | 0     | 27944    | 53      | 26404*                    | 40.00          | 18375*              |
| 78178.73* | 0               | 68108    | 259     | 112145                    | 0     | 27944    | 56      | 26460*                    | 40.00          | 18415*              |
| 78198.73* | 0               | 68108    | 272     | 112417                    | 0     | 27944    | 42      | 26501*                    | 40.00          | 18455*              |
| 78218.73* | 9               | 68117    | 261     | 112678                    | 5     | 27949    | 26      | 26528*                    | 40.00          | 18495*              |
| 78238.73* | 74              | 68151    | 180     | 112857                    | 31    | 27980    | 11      | 26538*                    | 26.11          | 18521*              |
| 78258.73* | 215             | 66365    | 110     | 112663                    | 154   | 28134    | 18      | 26556*                    | 20.00          | 18541*              |
| 78278.73* | 336             | 68702    | 27      | 112994                    | 228   | 28363    | 3       | 26559*                    | 5.18           | 18546*              |
| 78298.73* | 309             | 69011    | 54      | 112984                    | 165   | 28548    | 0       | 26559*                    | 0.00           | 18546*              |
| 78318.73* | 184             | 69195    | 160     | 113099                    | 73    | 28621    | 18      | 26577*                    | 17.20          | 18563*              |
| 78338.73* | 68              | 69243    | 214     | 113209                    | 1     | 28623    | 42      | 26628*                    | 37.43          | 18601*              |
| 78358.73* | 0               | 69243    | 229     | 113621                    | 0     | 28623    | 36      | 26705*                    | 40.00          | 18641*              |
| 78378.73* | 0               | 69243    | 255     | 113651                    | 0     | 28623    | 34      | 26740*                    | 40.00          | 18681*              |
| 78398.73* | 0               | 69365    | 241     | 114147                    | 6     | 28623    | 32      | 26771*                    | 39.11          | 18721*              |
| 78418.73* | 123             | 69354    | 219     | 114356                    | 7     | 28636    | 29      | 26801*                    | 39.34          | 18760*              |
| 78438.73* | -12             | 69357    | 253     | 114619                    | 2     | 28638    | 41      | 26842*                    | 40.00          | 18799*              |
| 78458.73* | 3               | 69357    | 170     | 114859                    | 0     | 28638    | 55      | 26897*                    | 40.00          | 18839*              |
| 78478.73* | 0               | 69464    | 90      | 115029                    | 45    | 28683    | 29      | 26937*                    | 28.73          | 18879*              |
| 78498.73* | 107             | 69679    | 80      | 115108                    | 117   | 28800    | 40      | 26956*                    | 20.00          | 18908*              |
| 78518.73* | 215             | 69792    | 90      | 115199                    | 25    | 28825    | 16      | 26981*                    | 19.92          | 18947*              |
| 78538.73* | 113             | 69872    | 190     | 115389                    | 66    | 28891    | 33      | 27014*                    | 22.58          | 18969*              |
| 78558.73* | 80              | 69985    | 153     | 115542                    | 95    | 28986    | 49      | 27063*                    | 20.00          | 18989*              |
| 78578.73* | 113             | 70061    | 115     | 115657                    | 22    | 29003    | 28      | 27091*                    | 21.22          | 19010*              |
| 78598.73* | 76              | 70097    | 188     | 115645                    | 3     | 29011    | 20      | 27111*                    | 40.00          | 19050*              |
| 78618.73* | 36              | 70153    | 168     | 116013                    | 8     | 29019    | 34      | 27144*                    | 30.04          | 19080*              |
| 78638.73* | 55              | 70218    | 144     | 116158                    | 13    | 29032    | 55      | 27200*                    | 24.53          | 19105*              |
| 78658.73* | 65              | 70234    | 202     | 116360                    | 3     | 29035    | 38      | 27237*                    | 40.00          | 19145*              |
| 78678.73* | 16              | 70239    | 210     | 116570                    | 4     | 29039    | 29      | 27256*                    | 40.00          | 19185*              |
| 78698.73* | 6               | 70294    | 150     | 116721                    | 11    | 29050    | 44      | 27310*                    | 25.31          | 19211*              |
| 78718.73* | 55              | 70399    | 103     | 116823                    | 28    | 29078    | 37      | 27347*                    | 20.00          | 19231*              |
| 78738.73* | 105             | 70540    | 88      | 116912                    | 54    | 29132    | 31      | 27378*                    | 20.00          | 19251*              |
| 78758.73* | 140             | 70726    | 72      | 116984                    | 90    | 29222    | 29      | 27407*                    | 20.00          | 19271*              |
| 78778.73* | 186             | 70937    | 79      | 117067                    | 127   | 29349    | 32      | 27439*                    | 20.00          | 19291*              |
| 78798.73* | 211             | 71161    | 62      | 117124                    | 122   | 29471    | 35      | 27475*                    | 20.00          | 19311*              |
| 78818.73* | 224             | 71357    | 59      | 117184                    | 86    | 29557    | 32      | 27507*                    | 20.00          | 19331*              |
| 78838.73* | 196             | 71509    | 88      | 117272                    | 68    | 29625    | 36      | 27543*                    | 20.00          | 19351*              |



DONNEES GEOMETRIQUES

Table with 14 columns: PK, YALUS ET ELEMENTS DE GAUCHE, YALUS ET ELEMENTS DE DROITE, HAUT. LIM. QUASSIETEFIM, PLATEFORME PROJET, LIM. PLATEFORME, LEE SUR L'AXE, ARSC \* COTE \* ARSC \* COTE \* ARSC \* COTE, COTE \* DENI, and LARG. \* ASS. The table contains numerical data for various road construction parameters across a range of PK values from 78878 to 79536.

CURATURES

| PK       | REBLAIS | SURF VOL.ELEM | SURF VOL.ELEM | DEBLAIS | TERRASSEMENTS | SCUMULE | ELEMENTAIRE | NATURE | MEME | ABSC I | ABSC 2 | REEMPLAI | DEBLAI |
|----------|---------|---------------|---------------|---------|---------------|---------|-------------|--------|------|--------|--------|----------|--------|
|          |         |               |               |         |               |         |             |        |      |        |        |          |        |
| 78878.73 | 39      | 28.6          | 5.12          | 106.9   | 30335         | -78.3   |             |        |      |        |        | 52898    | 272288 |
| 78898.73 | 4.00    | 43.9          | 3.59          | 87.1    | 30379         | -43.2   |             |        |      |        |        | 52942    | 272375 |
| 78918.73 | 4.97    | 89.7          | 5.73          | 93.2    | 30468         | -3.5    |             |        | -149 | -33.55 | 46.45  | 53032    | 272469 |
| 78939.50 | 3.76    | 90.6          | 2.41          | 84.5    | 30553         | 6.1     |             |        |      |        |        | 53122    | 272553 |
| 78959.00 | 2.33    | 56.3          | 2.37          | 53.4    | 30605         | 2.8     |             |        | 9    | -16.61 | 22.66  | 53179    | 272606 |
| 78978.00 | 1.62    | 39.5          | 5.28          | 86.5    | 30646         | -47.0   |             |        |      |        |        | 53218    | 272693 |
| 78998.73 | 1.26    | 29.9          | 7.55          | 133.0   | 30676         | -103.1  |             |        |      |        |        | 53248    | 272826 |
| 79018.00 | .57     | 17.7          | 6.83          | 138.6   | 30693         | -120.9  |             |        |      |        |        | 53266    | 272964 |
| 79037.50 | 0.00    | 5.6           | 11.50         | 179.7   | 30699         | -173.1  |             |        |      |        |        | 53271    | 273143 |
| 79058.00 | 0.00    | 0.0           | 12.73         | 248.3   | 30699         | -248.3  |             |        |      |        |        | 53271    | 273392 |
| 79078.00 | 0.0     | 0             | 16.95         | 296.8   | 30699         | -296.8  |             |        |      |        |        | 53271    | 273688 |
| 79097.50 | 0.00    | 0             | 19.87         | 359.0   | 30699         | -359.0  |             |        |      |        |        | 53271    | 274047 |
| 79118.50 | 0.00    | 0.0           | 22.67         | 446.7   | 30699         | -446.7  |             |        |      |        |        | 53271    | 274404 |
| 79138.00 | 0.00    | 0.0           | 22.41         | 439.5   | 30699         | -439.5  |             |        |      |        |        | 53271    | 274934 |
| 79158.50 | 0.00    | 0.0           | 22.51         | 460.4   | 30699         | -460.4  |             |        |      |        |        | 53271    | 275394 |
| 79178.00 | 0.00    | 0.0           | 23.32         | 446.6   | 30699         | -446.6  |             |        |      |        |        | 53271    | 275841 |
| 79198.00 | 0.00    | 0.0           | 37.18         | 605.0   | 30699         | -605.0  |             |        |      |        |        | 53271    | 276446 |
| 79218.30 | 0.00    | 0.0           | 49.89         | 892.4   | 30699         | -892.4  |             |        |      |        |        | 53271    | 277338 |
| 79239.00 | 0.00    | 0.0           | 71.20         | 1241.1  | 30699         | -1241.1 |             |        |      |        |        | 53271    | 278579 |
| 79260.00 | 0.00    | 0.0           | 65.61         | 1436.5  | 30699         | -1436.5 |             |        |      |        |        | 53271    | 280016 |
| 79280.00 | 0.00    | 0.0           | 47.18         | 1127.9  | 30699         | -1127.9 |             |        |      |        |        | 53271    | 281144 |
| 79300.00 | 0.00    | 0.0           | 42.55         | 897.3   | 30699         | -897.3  |             |        |      |        |        | 53271    | 282041 |
| 79310.50 | 0.00    | 0.0           | 32.25         | 729.3   | 30699         | -729.3  |             |        |      |        |        | 53271    | 282770 |
| 79340.50 | 0.00    | 0.0           | 31.19         | 666.2   | 30699         | -666.2  |             |        |      |        |        | 53271    | 283437 |
| 79360.00 | 0.00    | 0.0           | 20.26         | 501.6   | 30699         | -501.6  |             |        |      |        |        | 53271    | 283938 |
| 79379.50 | .58     | 6.7           | 18.40         | 376.9   | 30706         | -370.2  |             |        |      |        |        | 53278    | 284315 |
| 79400.00 | 0.00    | 0.0           | 25.94         | 454.4   | 30713         | -447.4  |             |        |      |        |        | 53285    | 284770 |
| 79420.00 | 0.00    | 0.0           | 33.23         | 591.7   | 30713         | -591.7  |             |        |      |        |        | 53285    | 285361 |
| 79438.00 | 0.00    | 0.0           | 53.94         | 829.1   | 30713         | -828.1  |             |        |      |        |        | 53285    | 286189 |
| 79458.50 | 0.00    | 0.0           | 43.29         | 948.0   | 30713         | -948.0  |             |        |      |        |        | 53285    | 287137 |
| 79478.00 | 0.00    | 0.0           | 36.69         | 779.8   | 30713         | -779.8  |             |        |      |        |        | 53285    | 288555 |
| 79497.50 | 0.00    | 0.0           | 28.68         | 637.4   | 30713         | -637.4  |             |        |      |        |        | 53285    | 289172 |
| 79518.00 | 0.00    | 0.0           | 38.09         | 617.6   | 30713         | -617.6  |             |        |      |        |        | 53328    | 289828 |
| 79538.00 | 4.29    | 42.9          | 27.54         | 656.3   | 30756         | -613.4  |             |        |      |        |        | 53504    | 290261 |
| 79557.00 | 12.50   | 176.3         | 13.63         | 422.3   | 30932         | -256.0  |             |        |      |        |        | 53486    | 290469 |
| 79577.00 | 5.70    | 191.9         | 7.24          | 209.7   | 31114         | -26.8   |             |        |      |        |        | 53740    | 290711 |
| 79596.00 | 0.00    | 54.1          | 16.21         | 241.8   | 31168         | -187.7  |             |        |      |        |        | 53740    | 291262 |
| 79616.00 | 0.00    | 0             | 36.84         | 550.5   | 31168         | -550.5  |             |        |      |        |        | 53740    | 292118 |
| 79636.00 | 0.00    | 0             | 48.74         | 855.8   | 31168         | -855.8  |             |        |      |        |        | 53740    | 292118 |

TABLEAU. 3  
DEPARTEMENT RWA

CALCUL DE TERRASSEMENTS  
ROUTE KI-

PAGE NO 280  
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| PK        | ASSIETTE TOTALE | REMBLAIS | SURFACES * ELEM * CUMULEE * | DEBLAIS | SURFACES * ELEM * CUMULEE * | TALUS | REMBLAIS | SURFACES * ELEM * CUMULEE * | DEBLAIS | SURFACES * ELEM * CUMULEE * | LONGUEUR FOSSE |
|-----------|-----------------|----------|-----------------------------|---------|-----------------------------|-------|----------|-----------------------------|---------|-----------------------------|----------------|
| 76879.73* | 101             | 71610    | 122                         | 117304* | 44                          | 29668 | 47       | 27590*                      | 20.00   | 19371*                      |                |
| 76899.73* | 96              | 71707    | 137                         | 117530* | 57                          | 29726 | 40       | 27629*                      | 20.00   | 19391*                      |                |
| 78918.73* | 129             | 71834    | 119                         | 117649* | 79                          | 29805 | 26       | 27555*                      | 20.00   | 19411*                      |                |
| 78939.50* | 145             | 71961    | 104                         | 117753* | 71                          | 29875 | 26       | 27581*                      | 20.77   | 19431*                      |                |
| 78958.00* | 130             | 72111    | 81                          | 117834* | 50                          | 29925 | 27       | 27700*                      | 18.50   | 19450*                      |                |
| 78978.00* | 120             | 72231    | 106                         | 117940* | 49                          | 29974 | 40       | 27749*                      | 20.00   | 19470*                      |                |
| 78998.73* | 90              | 72321    | 143                         | 118083* | 49                          | 30023 | 44       | 27793*                      | 20.74   | 19491*                      |                |
| 79018.00* | 66              | 72387    | 145                         | 118228* | 38                          | 30061 | 41       | 27834*                      | 19.28   | 19510*                      |                |
| 79037.50* | 31              | 72418    | 165                         | 118393* | 13                          | 30074 | 47       | 27860*                      | 22.94   | 19533*                      |                |
| 79058.00* | 0               | 72418    | 199                         | 118563* | 0                           | 30074 | 63       | 27943*                      | 41.04   | 19574*                      |                |
| 79078.00* | 0               | 72418    | 217                         | 118710* | 0                           | 30074 | 38       | 27982*                      | 40.05   | 19614*                      |                |
| 79097.50* | 0               | 72418    | 229                         | 118939* | 0                           | 30074 | 15       | 27998*                      | 39.05   | 19653*                      |                |
| 79118.50* | 0               | 72418    | 250                         | 119229* | 0                           | 30074 | 32       | 28030*                      | 42.05   | 19695*                      |                |
| 79138.00* | 0               | 72418    | 233                         | 119521* | 0                           | 30074 | 32       | 28042*                      | 39.05   | 19734*                      |                |
| 79158.50* | 0               | 72418    | 243                         | 119764* | 0                           | 30074 | 44       | 28108*                      | 41.05   | 19775*                      |                |
| 79178.00* | 0               | 72418    | 224                         | 119989* | 0                           | 30074 | 52       | 28159*                      | 39.05   | 19814*                      |                |
| 79198.00* | 0               | 72418    | 246                         | 120235* | 0                           | 30074 | 38       | 28197*                      | 40.05   | 19854*                      |                |
| 79218.50* | 0               | 72418    | 280                         | 120515* | 0                           | 30074 | 50       | 28247*                      | 41.05   | 19895*                      |                |
| 79239.00* | 0               | 72418    | 291                         | 120806* | 0                           | 30074 | 105      | 28353*                      | 41.05   | 19936*                      |                |
| 79260.00* | 0               | 72418    | 303                         | 121109* | 0                           | 30074 | 130      | 28483*                      | 42.05   | 19978*                      |                |
| 79280.00* | 0               | 72418    | 272                         | 121390* | 0                           | 30074 | 89       | 28572*                      | 40.05   | 20018*                      |                |
| 79306.00* | 0               | 72418    | 272                         | 121662* | 0                           | 30074 | 60       | 28532*                      | 40.05   | 20059*                      |                |
| 79319.50* | 0               | 72418    | 254                         | 121917* | 0                           | 30074 | 41       | 28573*                      | 39.04   | 20098*                      |                |
| 79340.50* | 0               | 72418    | 270                         | 122187* | 0                           | 30074 | 36       | 28709*                      | 42.04   | 20140*                      |                |
| 79360.00* | 0               | 72418    | 238                         | 122425* | 0                           | 30074 | 40       | 28749*                      | 39.03   | 20179*                      |                |
| 79379.50* | 29              | 72447    | 211                         | 122636* | 9                           | 30083 | 34       | 28783*                      | 32.80   | 20211*                      |                |
| 79400.00* | 31              | 72478    | 227                         | 122863* | 5                           | 30089 | 35       | 28817*                      | 37.32   | 20249*                      |                |
| 79420.00* | 0               | 72478    | 242                         | 123105* | 0                           | 30089 | 51       | 28859*                      | 40.03   | 20289*                      |                |
| 79439.00* | 0               | 72478    | 249                         | 123354* | 0                           | 30099 | 68       | 28937*                      | 38.03   | 20327*                      |                |
| 79458.50* | 0               | 72478    | 269                         | 123622* | 0                           | 30089 | 57       | 28996*                      | 39.03   | 20366*                      |                |
| 79478.00* | 0               | 72478    | 265                         | 123867* | 0                           | 30089 | 37       | 29033*                      | 39.03   | 20405*                      |                |
| 79497.50* | 0               | 72478    | 250                         | 124137* | 0                           | 30089 | 41       | 29074*                      | 39.03   | 20444*                      |                |
| 79516.00* | 0               | 72478    | 228                         | 124365* | 0                           | 30089 | 37       | 29111*                      | 37.02   | 20481*                      |                |
| 79536.00* | 87              | 72565    | 243                         | 124608* | 50                          | 30139 | 20       | 29131*                      | 29.95   | 20511*                      |                |
| 79557.00* | 219             | 72784    | 204                         | 124811* | 217                         | 30356 | 29       | 29160*                      | 21.01   | 20532*                      |                |
| 79577.00* | 206             | 72990    | 135                         | 124947* | 150                         | 30506 | 34       | 29194*                      | 20.01   | 20552*                      |                |
| 79596.00* | 80              | 73070    | 166                         | 125113* | 34                          | 30540 | 32       | 29226*                      | 22.58   | 20574*                      |                |
| 79616.00* | 0               | 73070    | 250                         | 125363* | 0                           | 30540 | 43       | 29269*                      | 40.03   | 20614*                      |                |
| 79636.00* | 0               | 73070    | 274                         | 125637* | 0                           | 30540 | 52       | 29321*                      | 40.03   | 20654*                      |                |

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DONNEES GEOMETRIQUES  
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| PK       | TALUS ET ELEMENTS DE GAUCHE   | COISE | DENI-     | TALUS ET ELEMENTS DE DROITE | LONG.      |      |         |      |         |       |       |
|----------|---|-------|-----------|-----------------------------|------------|------|---------|------|---------|-------|-------|
|          | HAUT. LIM. D'ASSIETTE LIM. PLATFORME PROJET VEL- LIM. PLATEFORME LIM. D ASSIETTE HAUT. ASS. | ABSC  | COISE     | ABSC                        | HAUT. ASS. |      |         |      |         |       |       |
|          | ABSC  | COISE | LEE       | ABSC                        | COISE      |      |         |      |         |       |       |
|          | ABSC  | COISE | SUR L AXE | ABSC                        | COISE      |      |         |      |         |       |       |
| 79656.00 | -5.45   | -7.09 | 1813.12   | 1813.23                     | -2.33      | 3.75 | 1813.12 | 5.52 | 1815.73 | -2.60 | 12.61 |
| 79676.00 | -3.35   | -6.67 | 1815.89   | 1815.96                     | -0.57      | 3.75 | 1815.89 | 5.07 | 1817.85 | -1.33 | 11.74 |
| 79697.00 | .46   | -5.14 | 1811.55   | 1812.11                     | .74        | 3.75 | 1812.00 | 6.27 | 1810.80 | 1.21  | 11.41 |
| 79717.00 | -4.36   | -6.87 | 1815.96   | 1811.70                     | .57        | 3.75 | 1811.59 | 5.88 | 1810.65 | .55   | 12.75 |
| 79736.00 | .41   | -5.79 | 1810.62   | 1811.39                     | .90        | 4.25 | 1811.02 | 6.86 | 1810.33 | .70   | 12.65 |
| 79756.00 | .57   | -6.38 | 1810.23   | 1811.16                     | 1.07       | 4.25 | 1810.79 | 7.12 | 1810.03 | .77   | 13.50 |
| 79776.00 | .49   | -6.10 | 1810.15   | 1811.01                     | 1.02       | 4.25 | 1810.64 | 6.93 | 1809.93 | .71   | 13.03 |
| 79796.00 | .50   | -6.13 | 1810.08   | 1810.95                     | 1.06       | 4.25 | 1810.58 | 7.09 | 1809.83 | .76   | 13.21 |
| 79815.00 | .70   | -6.87 | 1809.89   | 1810.95                     | 1.16       | 4.25 | 1810.58 | 7.47 | 1809.73 | .85   | 14.35 |
| 79835.00 | .72   | -6.93 | 1809.87   | 1810.95                     | 1.16       | 4.25 | 1810.58 | 7.62 | 1809.69 | .90   | 14.56 |
| 79855.00 | .85   | -7.47 | 1809.73   | 1810.95                     | 1.16       | 4.25 | 1810.58 | 7.47 | 1809.73 | .86   | 14.95 |
| 79875.00 | .92   | -7.71 | 1809.66   | 1810.95                     | 1.26       | 4.25 | 1810.58 | 7.57 | 1809.70 | .92   | 15.28 |
| 79895.00 | .88   | -7.57 | 1809.70   | 1810.95                     | 1.26       | 4.25 | 1810.58 | 7.71 | 1809.66 | .92   | 15.28 |
| 79915.00 | .79   | -7.23 | 1809.79   | 1810.95                     | 1.06       | 4.25 | 1810.58 | 7.09 | 1809.83 | .76   | 14.31 |
| 79935.50 | .86   | -7.47 | 1809.73   | 1810.95                     | 1.16       | 4.25 | 1810.58 | 7.47 | 1809.73 | .86   | 14.95 |
| 79956.00 | .84   | -7.41 | 1809.74   | 1810.95                     | 1.11       | 4.25 | 1810.58 | 7.21 | 1809.80 | .79   | 14.62 |
| 79976.00 | .79   | -7.21 | 1809.80   | 1810.95                     | 1.11       | 4.25 | 1810.58 | 7.21 | 1809.80 | .79   | 14.42 |
| 80015.50 | .87   | -7.52 | 1809.71   | 1810.95                     | 1.21       | 4.25 | 1810.58 | 7.45 | 1809.73 | .85   | 14.98 |
| 80035.00 | .67   | -7.33 | 1809.76   | 1810.95                     | 1.16       | 4.25 | 1810.58 | 7.26 | 1809.78 | .80   | 14.59 |
| 80055.00 | .78   | -7.19 | 1809.80   | 1810.95                     | 1.16       | 4.25 | 1810.58 | 7.26 | 1809.78 | .80   | 14.46 |
| 80065.00 | .65   | -5.43 | 1810.20   | 1810.95                     | 1.36       | 3.75 | 1810.84 | 6.18 | 1809.69 | 1.15  | 11.61 |
| 80066.00 | .14   | -4.67 | 1810.70   | 1810.95                     | 1.26       | 3.75 | 1810.84 | 5.91 | 1809.83 | .97   | 10.57 |

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 CURATURES  
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| PK       | REMBLAIS | SURF  | VOL.ELEM | SURF  | VOL.ELEM | DEPLAIS | TERRASSEMENTS UTILIS. DANS LE PROFIL | TERRASSEMENTS NON UTILIS. DANS LE PROFIL | SOMME CENT. DE GRAVITE | ARSC 1  | ARSC 2 | REMBLAI | VOLUME | CUMULE | DERLAI |
|----------|----------|-------|----------|-------|----------|---------|--------------------------------------|--|------------------------|---------|--------|---------|--------|--------|--------|
| 79655.00 | 0.00     | 0.00  | 0.0      | 35.74 | 854.8    | 31168   | -854.8                               |  |                        |         |        | 53740   | 292973 |        |        |
| 79676.00 | 0.00     | 0.00  | 0.0      | 12.07 | 488.1    | 31168   | -488.1                               |  |                        |         |        | 53740   | 293461 |        |        |
| 79697.00 | 7.68     | 7.68  | 31.4     | -0.00 | 77.4     | 31199   | -46.0                                |  | -20339                 | -392.70 | 346.30 | 53771   | 293538 |        |        |
| 79717.00 | 4.74     | 4.74  | 124.3    | 1.30  | 13.0     | 31212   | 111.3                                |  |                        |         |        | 53396   | 293551 |        |        |
| 79736.00 | 6.24     | 6.24  | 123.3    | -0.00 | 17.3     | 31225   | 111.0                                |  |                        |         |        | 54019   | 293563 |        |        |
| 79756.00 | 10.00    | 10.00 | 183.3    | -0.00 | -0.0     | 31225   | 183.3                                |  |                        |         |        | 54202   | 293563 |        |        |
| 79776.00 | 9.33     | 9.33  | 194.3    | -0.00 | -0.0     | 31225   | 194.3                                |  |                        |         |        | 54397   | 293563 |        |        |
| 79796.00 | 9.76     | 9.76  | 191.0    | -0.00 | -0.0     | 31225   | 191.0                                |  |                        |         |        | 54588   | 293563 |        |        |
| 79815.00 | 11.51    | 11.51 | 202.1    | -0.00 | -0.0     | 31225   | 202.1                                |  |                        |         |        | 54790   | 293563 |        |        |
| 79835.00 | 11.71    | 11.71 | 232.2    | -0.00 | -0.0     | 31225   | 232.2                                |  |                        |         |        | 55022   | 293563 |        |        |
| 79855.00 | 12.09    | 12.09 | 244.0    | -0.00 | -0.0     | 31225   | 244.0                                |  |                        |         |        | 55266   | 293563 |        |        |
| 79875.00 | 13.17    | 13.17 | 246.3    | -0.00 | -0.0     | 31225   | 246.3                                |  |                        |         |        | 55512   | 293563 |        |        |
| 79895.00 | 12.17    | 12.17 | 263.5    | -0.00 | -0.0     | 31225   | 263.5                                |  |                        |         |        | 55776   | 293563 |        |        |
| 79915.00 | 10.76    | 10.76 | 239.4    | -0.00 | -0.0     | 31225   | 239.4                                |  |                        |         |        | 56015   | 293563 |        |        |
| 79935.00 | 12.00    | 12.00 | 234.2    | -0.00 | -0.0     | 31225   | 234.2                                |  |                        |         |        | 56249   | 293563 |        |        |
| 79954.00 | 11.41    | 11.41 | 240.9    | -0.00 | -0.0     | 31225   | 240.9                                |  |                        |         |        | 56490   | 293563 |        |        |
| 79976.00 | 11.22    | 11.22 | 226.3    | -0.00 | -0.0     | 31225   | 226.3                                |  |                        |         |        | 56716   | 293563 |        |        |
| 79995.00 | 12.49    | 12.49 | 225.2    | -0.00 | -0.0     | 31225   | 225.2                                |  |                        |         |        | 56942   | 293563 |        |        |
| 80015.00 | 11.75    | 11.75 | 248.4    | -0.00 | -0.0     | 31225   | 248.4                                |  |                        |         |        | 57190   | 293563 |        |        |
| 80035.00 | 11.62    | 11.62 | 227.8    | -0.00 | -0.0     | 31225   | 227.8                                |  |                        |         |        | 57418   | 293563 |        |        |
| 80055.00 | 11.64    | 11.64 | 232.6    | -0.00 | -0.0     | 31225   | 232.6                                |  |                        |         |        | 57650   | 293563 |        |        |
| 80065.00 | 8.93     | 8.93  | 113.2    | -0.00 | -0.0     | 31225   | 113.2                                |  | 3967                   | -197.89 | 171.11 | 57764   | 293563 |        |        |

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TARLEAU. 3  
DEPARTEMENT RWA

CALCUL DE TERRASSEMENTS  
ROUTE KI-

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SURFACES

| PK        | ASSIETTE TOTALE | REMLAIS | SURFACES | FLEM * CUMULEE * | REMLAIS | SURFACES | FLEM * CUMULEE * | TALUS  | REMLAIS | SURFACES | FLEM * CUMULEE * | ELEMENT * | CUMULEE * | LONGUEUR FOSSE |
|-----------|-----------------|---------|----------|------------------|---------|----------|------------------|--------|---------|----------|------------------|-----------|-----------|----------------|
| 79656.00* | 0               | 73070   | 0        | 126290*          | 0       | 30540    | 87               | 29497* | 40.02   | 20695*   |                  |           |           |                |
| 79676.00* | 0               | 73070   | 0        | 124145*          | 0       | 30540    | 58               | 29466* | 40.02   | 20735*   |                  |           |           |                |
| 79697.00* | 90              | 73160   | 24       | 124263*          | 24      | 30564    | 4                | 29470* | 23.93   | 20758*   |                  |           |           |                |
| 79717.00* | 228             | 73388   | 84       | 124277*          | 84      | 30653    | 14               | 29484* | 20.00   | 20776*   |                  |           |           |                |
| 79735.00* | 262             | 73616   | 95       | 124290*          | 95      | 30737    | 13               | 29497* | 19.00   | 20797*   |                  |           |           |                |
| 79756.00* | 245             | 73878   | 99       | 126290*          | 99      | 30832    | 0                | 29497* | 0.00    | 20777*   |                  |           |           |                |
| 79776.00* | 262             | 74143   | 96       | 126290*          | 96      | 30930    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79796.00* | 262             | 74405   | 104      | 126290*          | 104     | 31026    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79815.00* | 289             | 74667   | 123      | 126290*          | 123     | 31130    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79835.00* | 302             | 74956   | 133      | 126290*          | 133     | 31253    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79875.00* | 306             | 75259   | 134      | 126290*          | 134     | 31386    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79895.00* | 306             | 75553   | 140      | 126290*          | 140     | 31510    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79915.00* | 306             | 75859   | 130      | 126290*          | 130     | 31640    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79935.40* | 300             | 76155   | 130      | 126290*          | 130     | 31790    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79956.00* | 303             | 76455   | 130      | 126290*          | 130     | 31920    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79976.00* | 290             | 76758   | 133      | 126290*          | 133     | 32053    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 79995.00* | 279             | 77049   | 125      | 126290*          | 125     | 32178    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 80015.50* | 283             | 77328   | 133      | 126290*          | 133     | 32300    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 80035.00* | 281             | 77631   | 122      | 126290*          | 122     | 32433    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 80055.00* | 261             | 77914   | 109      | 126290*          | 109     | 32555    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
| 80066.00* | 122             | 78175   | 44       | 126290*          | 44      | 32663    | 0                | 29497* | 0.00    | 20797*   |                  |           |           |                |
|           |                 | 78297   |          | 126290*          |         | 32707    |                  | 29497* |         | 20797*   |                  |           |           |                |

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