

| MEMORIAL DE CÁLCULO - SAPATAS                                                                                                                                                                                                                                                                                                             |             |                   |                  |             |       |        |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------|-------------------|------------------|-------------|-------|--------|
| BLOCO A - QUADRA                                                                                                                                                                                                                                                                                                                          |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SQ-1 = SQ-2 = SQ-3 = SQ-4 = SQ-5 = SQ-6 = SQ-7 = SQ-8 = SQ-9 = SQ-10 = SQ-11                                                                                                                                                                                                                                                              | 12,50       | 11,00             | 7,00             | 129,00      | 0,963 | 95,89  |
|                                                                                                                                                                                                                                                                                                                                           | 12,50       | 11,00             | 9,00             | 109,00      | 0,963 | 103,95 |
| SPQ - 1 = SPQ - 2 = SPQ - 3 = SPQ - 4 = SPQ - 5 = SPQ - 6 = SPQ - 7 = SPQ - 8 = SPQ - 9 = SPQ - 10 = SPQ - 11 = SPQ - 12 = SPQ - 13 = SPQ - 14 = SPQ - 15 = SPQ - 16 = SPQ - 17 = SPQ - 18 = SPQ - 19                                                                                                                                     | 12,50       | 19,00             | 7,00             | 169,00      | 0,963 | 216,53 |
|                                                                                                                                                                                                                                                                                                                                           | 12,50       | 19,00             | 9,00             | 149,00      | 0,963 | 245,45 |
| SPP - 1 = SPP - 2 = SPP - 3 = SPP - 4 = SPP - 5 = SPP - 6 = SPP - 7 = SPP - 8 = SPP - 9 = SPP - 10 = SPP - 11 = SPP - 12 = SPP - 13 = SPP - 14 = SPP - 15 = SPP - 16 = SPP - 17 = SPP - 18 = SPP - 19 = SPP - 20 = SPP - 21 = SPP - 22 = SPP - 23 = SPP - 24 = SPP - 25 = SPP - 26 = SPP - 27 = SPP - 28 = SPP - 29 = SPP - 30 = SPP - 31 | 12,50       | 31,00             | 5,00             | 149,00      | 0,963 | 222,48 |
|                                                                                                                                                                                                                                                                                                                                           | 12,50       | 31,00             | 7,00             | 129,00      | 0,963 | 269,67 |
| BLOCO B - ADMINISTRATIVO                                                                                                                                                                                                                                                                                                                  |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SB-1 = SB-2 = SB-3 = SB-4 = SB-5 = SB-6 = SB-7 = SB-8 = SB-9 = SB-10 = SB-11 = SB-12 = SB-13                                                                                                                                                                                                                                              | 10,00       | 13,00             | 7,00             | 169,00      | 0,617 | 94,89  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 13,00             | 13,00            | 109,00      | 0,617 | 113,66 |
| SB-14 = SB-15 = SB-16 = SB-17 = SB-18 = SB-19 = SB-20 = SB-21 = SB-22 = SB-23 = SB-24 = SB-25 = SB-26 = SB-27 = SB-28 = SB-29 = SB-30 = SB-31 = SB-32                                                                                                                                                                                     | 10,00       | 19,00             | 7,00             | 129,00      | 0,617 | 105,86 |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 19,00             | 9,00             | 109,00      | 0,617 | 115,00 |
| BLOCO C - SERVICOS                                                                                                                                                                                                                                                                                                                        |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SC-1 = SC-2 = SC-5 = SC-6 = SC-7 = SC-8 = SC-9 = SC-22                                                                                                                                                                                                                                                                                    | 10,00       | 8,00              | 5,00             | 109,00      | 0,617 | 26,90  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 8,00              | 7,00             | 89,00       | 0,617 | 30,75  |
| SC-3 = SC-4 = SC-10 = SC-11 = SC-12 = SC-13 = SC-14 = SC-15 = SC-16 = SC-17 = SC-18 = SC-19 = SC-20 = SC-21 = SC-23 = SC-24                                                                                                                                                                                                               | 10,00       | 16,00             | 7,00             | 149,00      | 0,617 | 102,96 |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 16,00             | 13,00            | 109,00      | 0,617 | 130,89 |
| BLOCO D - HIGIENE                                                                                                                                                                                                                                                                                                                         |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SD-1 = SD-2 = SD-3 = SD-4 = SD-5 = SD-6 = SD-7 = SD-8 = SD-9 = SD-10                                                                                                                                                                                                                                                                      | 10,00       | 10,00             | 7,00             | 169,00      | 0,617 | 72,99  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 10,00             | 13,00            | 109,00      | 0,617 | 87,43  |
| BLOCO E - BIBLIOTECA                                                                                                                                                                                                                                                                                                                      |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SE-1 = SE-2 = SE-3 = SE-4 = SE-5 = SE-6 = SE-7 = SE-8                                                                                                                                                                                                                                                                                     | 10,00       | 8,00              | 7,00             | 169,00      | 0,617 | 58,39  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 8,00              | 13,00            | 109,00      | 0,617 | 69,94  |
| BLOCO F - MULTUSO                                                                                                                                                                                                                                                                                                                         |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SF-1 = SF-2 = SF-3 = SF-4 = SF-5 = SF-6 = SF-7 = SF-8 = SF-9 = SF-10 = SF-11 = SF-12 = SF-13 = SF-14 = SF-15 = SF-16 = SF-17                                                                                                                                                                                                              | 10,00       | 17,00             | 7,00             | 169,00      | 0,617 | 124,08 |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 17,00             | 13,00            | 109,00      | 0,617 | 148,63 |
| BLOCO G1 - PEDAGÓGICO 1                                                                                                                                                                                                                                                                                                                   |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SG1-1 = SG1-2 = SG1-3 = SG1-4 = SG1-5 = SG1-7                                                                                                                                                                                                                                                                                             | 10,00       | 6,00              | 5,00             | 109,00      | 0,617 | 20,18  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 6,00              | 7,00             | 89,00       | 0,617 | 23,06  |
| SG1-6 = SG1-8 = SG1-9 = SG1-10 = SG1-11 = SG1-12 = SG1-13 = SG1-14 = SG1-15                                                                                                                                                                                                                                                               | 10,00       | 9,00              | 7,00             | 169,00      | 0,617 | 65,69  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 9,00              | 13,00            | 109,00      | 0,617 | 78,89  |
| BLOCO G2 - PEDAGÓGICO 3                                                                                                                                                                                                                                                                                                                   |             |                   |                  |             |       |        |
| Nomenclatura                                                                                                                                                                                                                                                                                                                              | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SG2-1 = SG2-2 = SG2-3 = SG2-4 = SG2-5 = SG2-6 = SG2-7 = SG2-8 = SG2-9                                                                                                                                                                                                                                                                     | 10,00       | 9,00              | 7,00             | 129,00      | 0,617 | 50,14  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 9,00              | 9,00             | 109,00      | 0,617 | 54,47  |
| SG2-10 = SG2-11 = SG2-12 = SG2-13 = SG2-14 = SG2-15                                                                                                                                                                                                                                                                                       | 10,00       | 6,00              | 7,00             | 169,00      | 0,617 | 43,79  |
|                                                                                                                                                                                                                                                                                                                                           | 10,00       | 6,00              | 15,00            | 109,00      | 0,617 | 60,53  |

| BLOCO H - PEDAGÓGICO 2                                                                                     |             |                   |                  |             |       |        |
|------------------------------------------------------------------------------------------------------------|-------------|-------------------|------------------|-------------|-------|--------|
| Nomenclatura                                                                                               | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SH-1 = SH-11                                                                                               | 10,00       | 2,00              | 5,00             | 109,00      | 0,617 | 6,73   |
|                                                                                                            | 10,00       | 2,00              | 7,00             | 89,00       | 0,617 | 7,69   |
| SH-2 = SH-3 = SH-4 = SH-5 = SH-6 = SH-10 = SH-13 = SH-21                                                   | 10,00       | 8,00              | 7,00             | 129,00      | 0,617 | 44,57  |
|                                                                                                            | 10,00       | 8,00              | 9,00             | 109,00      | 0,617 | 48,42  |
| SH-7 = SH-8 = SH-9 = SH-12 = SH-14 = SH-15 = SH-22 = SH-23 = SH-25 = SH-26 = SH-27 = SH-28 = SH-29 = SH-30 | 10,00       | 14,00             | 7,00             | 169,00      | 0,617 | 102,19 |
|                                                                                                            | 10,00       | 14,00             | 13,00            | 109,00      | 0,617 | 122,40 |
| SH-16 = SH-17 = SH-18 = SH-19 = SH-20 = SH-24                                                              | 10,00       | 6,00              | 7,00             | 189,00      | 0,617 | 48,98  |
|                                                                                                            | 10,00       | 6,00              | 15,00            | 109,00      | 0,617 | 60,53  |
| BLOCO I - PEDAGÓGICO 4                                                                                     |             |                   |                  |             |       |        |
| Nomenclatura                                                                                               | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SI-1 = SI-2 = SI-5 = SI-7 = SI-11 = SI-16                                                                  | 10,00       | 6,00              | 7,00             | 129,00      | 0,617 | 33,43  |
|                                                                                                            | 10,00       | 6,00              | 9,00             | 109,00      | 0,617 | 36,32  |
| SI-3 = SI-4 = SI-6 = SI-8                                                                                  | 10,00       | 4,00              | 5,00             | 109,00      | 0,617 | 13,45  |
|                                                                                                            | 10,00       | 4,00              | 7,00             | 89,00       | 0,617 | 15,38  |
| SI-9 = SI-15 = SI-17                                                                                       | 10,00       | 3,00              | 7,00             | 169,00      | 0,617 | 21,90  |
|                                                                                                            | 10,00       | 3,00              | 13,00            | 109,00      | 0,617 | 26,23  |
| SI-10 = SI-18 = SI-19 = SI-20 = SI-21                                                                      | 10,00       | 5,00              | 7,00             | 149,00      | 0,617 | 32,18  |
|                                                                                                            | 10,00       | 5,00              | 13,00            | 109,00      | 0,617 | 43,71  |
| SI-12 = SI-13 = SI-14                                                                                      | 10,00       | 3,00              | 9,00             | 169,00      | 0,617 | 28,15  |
|                                                                                                            | 10,00       | 3,00              | 13,00            | 129,00      | 0,617 | 31,04  |
| MURO                                                                                                       |             |                   |                  |             |       |        |
| Nomenclatura                                                                                               | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| TODAS AS SAPATAS POSSUEM O MESMO DETALHAMENTO = SM-1 AO SM-62                                              | 10,00       | 62,00             | 5,00             | 109,00      | 0,617 | 208,48 |
|                                                                                                            | 10,00       | 62,00             | 7,00             | 89,00       | 0,617 | 238,32 |
| PÁTIO REFEITÓRIO                                                                                           |             |                   |                  |             |       |        |
| Nomenclatura                                                                                               | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SR-1 = SR-2                                                                                                | 10,00       | 2,00              | 7,00             | 189,00      | 0,617 | 16,33  |
|                                                                                                            | 10,00       | 2,00              | 15,00            | 109,00      | 0,617 | 20,18  |
| RESERVATÓRIO                                                                                               |             |                   |                  |             |       |        |
| Nomenclatura                                                                                               | Bitola (mm) | Quant. de sapatas | Quant. de barras | Compr. (cm) | Fator | Peso   |
| SC-1 = SC-2 = SC-3 = SC-4 = SC-5 = SC-6 = SC-7 = SC-8 = SC-9 = SC-10 = SC-11 = SC-12                       | 12,50       | 12,00             | 5,00             | 109,00      | 0,963 | 63,00  |
|                                                                                                            | 12,50       | 12,00             | 7,00             | 89,00       | 0,963 | 72,02  |

| MEMORIAL DE CÁLCULO DOS PILARES |             |                  |                 |              |              |            |       |       |
|---------------------------------|-------------|------------------|-----------------|--------------|--------------|------------|-------|-------|
| Pilares                         | Bitola (mm) | Quant. de barras | Espaçamento (m) | Fundação (m) | Movimentação | Compr. (m) | Fator | Peso  |
| PQ1                             | 12,5        | 6,00             | 0,00            | 1,20         | 1,18         | 2,38       | 0,963 | 13,76 |
|                                 | 5,0         | 15,00            | 0,15            | 0,00         | 0,00         | 1,88       | 0,155 | 4,37  |
|                                 | 5,0         | 15,00            | 0,00            | 0,00         | 0,00         | 0,29       | 0,155 | 0,67  |
| PQ2                             | 12,5        | 6,00             | 0,00            | 1,20         | 1,11         | 2,31       | 0,963 | 13,35 |
|                                 | 5,0         | 14,00            | 0,15            | 0,00         | 0,00         | 1,88       | 0,155 | 4,08  |
|                                 | 5,0         | 14,00            | 0,00            | 0,00         | 0,00         | 0,29       | 0,155 | 0,63  |
| PQ3                             | 12,5        | 6,00             | 0,00            | 1,20         | 1,08         | 2,28       | 0,963 | 13,18 |
|                                 | 5,0         | 14,00            | 0,15            | 0,00         | 0,00         | 1,88       | 0,155 | 4,08  |
|                                 | 5,0         | 14,00            | 0,00            | 0,00         | 0,00         | 0,29       | 0,155 | 0,63  |
| PQ4                             | 12,5        | 6,00             | 0,00            | 1,20         | 1,15         | 2,35       | 0,963 | 13,58 |
|                                 | 5,0         | 17,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 3,08  |
|                                 | 5,0         | 17,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 0,90  |
| PQ5                             | 12,5        | 6,00             | 0,00            | 1,20         | 1,13         | 2,33       | 0,963 | 13,47 |
|                                 | 5,0         | 16,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 2,90  |
|                                 | 5,0         | 16,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 0,84  |
| PQ6                             | 12,5        | 6,00             | 0,00            | 1,20         | 1,01         | 2,21       | 0,963 | 12,77 |
|                                 | 5,0         | 15,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 2,72  |
|                                 | 5,0         | 15,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 0,79  |
| PQ7                             | 12,5        | 6,00             | 0,00            | 1,20         | 1,06         | 2,26       | 0,963 | 13,06 |
|                                 | 5,0         | 16,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 2,90  |
|                                 | 5,0         | 16,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 0,84  |
| PQ8                             | 12,5        | 8,00             | 0,00            | 1,20         | 0,62         | 1,82       | 0,963 | 14,03 |
|                                 | 5,0         | 12,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 2,18  |
|                                 | 5,0         | 24,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 1,26  |
| PQ9                             | 12,5        | 8,00             | 0,00            | 1,20         | 0,64         | 1,84       | 0,963 | 14,18 |
|                                 | 5,0         | 13,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 2,36  |
|                                 | 5,0         | 26,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 1,37  |
| PQ10                            | 12,5        | 8,00             | 0,00            | 1,20         | 0,65         | 1,85       | 0,963 | 14,26 |
|                                 | 5,0         | 13,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 2,36  |
|                                 | 5,0         | 26,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 1,37  |
| PQ11                            | 12,5        | 8,00             | 0,00            | 1,20         | 0,67         | 1,87       | 0,963 | 14,41 |
|                                 | 5,0         | 13,00            | 0,13            | 0,00         | 0,00         | 1,17       | 0,155 | 2,36  |
|                                 | 5,0         | 26,00            | 0,00            | 0,00         | 0,00         | 0,34       | 0,155 | 1,37  |
| APQ1                            | 10,0        | 16,00            | 0,00            | 1,20         | 1,36         | 2,56       | 0,617 | 25,27 |
|                                 | 5,0         | 26,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 7,54  |
|                                 | 5,0         | 78,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 7,13  |
| APQ2                            | 10,0        | 16,00            | 0,00            | 1,20         | 1,41         | 2,61       | 0,617 | 25,77 |
|                                 | 5,0         | 27,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 7,83  |
|                                 | 5,0         | 81,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 7,41  |
| APQ3                            | 10,0        | 16,00            | 0,00            | 1,20         | 1,33         | 2,53       | 0,617 | 24,98 |
|                                 | 5,0         | 26,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 7,54  |
|                                 | 5,0         | 78,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 7,13  |
| APQ4                            | 10,0        | 16,00            | 0,00            | 1,20         | 1,23         | 2,43       | 0,617 | 23,99 |
|                                 | 5,0         | 25,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 7,25  |
|                                 | 5,0         | 75,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 6,86  |
| APQ5                            | 10,0        | 16,00            | 0,00            | 1,20         | 1,15         | 2,35       | 0,617 | 23,20 |
|                                 | 5,0         | 24,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 6,96  |
|                                 | 5,0         | 72,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 6,58  |
| APQ6                            | 10,0        | 16,00            | 0,00            | 1,20         | 0,87         | 2,07       | 0,617 | 20,44 |
|                                 | 5,0         | 21,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 6,09  |
|                                 | 5,0         | 63,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,76  |
| APQ7                            | 10,0        | 16,00            | 0,00            | 1,20         | 0,86         | 2,06       | 0,617 | 20,34 |
|                                 | 5,0         | 21,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 6,09  |
|                                 | 5,0         | 63,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,76  |
| APQ8                            | 10,0        | 16,00            | 0,00            | 1,20         | 0,72         | 1,92       | 0,617 | 18,95 |
|                                 | 5,0         | 19,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 5,51  |
|                                 | 5,0         | 57,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,21  |
| APQ9                            | 10,0        | 16,00            | 0,00            | 1,20         | 0,78         | 1,98       | 0,617 | 19,55 |
|                                 | 5,0         | 20,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 5,80  |
|                                 | 5,0         | 60,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,49  |
| APQ10                           | 10,0        | 16,00            | 0,00            | 1,20         | 0,68         | 1,88       | 0,617 | 18,56 |
|                                 | 5,0         | 19,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 5,51  |
|                                 | 5,0         | 57,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,21  |
| APQ11                           | 10,0        | 16,00            | 0,00            | 1,20         | 0,73         | 1,93       | 0,617 | 19,65 |
|                                 | 5,0         | 19,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 5,51  |
|                                 | 5,0         | 57,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,21  |
| APQ12                           | 10,0        | 16,00            | 0,00            | 1,20         | 0,68         | 1,88       | 0,617 | 18,56 |
|                                 | 5,0         | 19,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 5,51  |
|                                 | 5,0         | 57,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,21  |
| APQ13                           | 10,0        | 16,00            | 0,00            | 1,20         | 0,72         | 1,92       | 0,617 | 18,95 |
|                                 | 5,0         | 19,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 5,51  |
|                                 | 5,0         | 57,00            | 0,00            | 0,00         | 0,00         | 0,59       | 0,155 | 5,21  |
| APQ14                           | 10,0        | 16,00            | 0,00            | 1,20         | 0,65         | 1,85       | 0,617 | 18,26 |
|                                 | 5,0         | 18,00            | 0,09            | 0,00         | 0,00         | 1,87       | 0,155 | 5,22  |

|       |      |       |      |      |      |      |       |       |
|-------|------|-------|------|------|------|------|-------|-------|
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,70 | 1,90 | 0,617 | 18,76 |
| APQ15 | 5,0  | 19,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,51  |
|       | 5,0  | 57,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 5,21  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,58 | 1,78 | 0,617 | 17,57 |
| APQ16 | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,61 | 1,81 | 0,617 | 17,87 |
| APQ17 | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,64 | 1,84 | 0,617 | 18,16 |
| APQ18 | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,67 | 1,87 | 0,617 | 18,46 |
| APQ19 | 5,0  | 19,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,51  |
|       | 5,0  | 57,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 5,21  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,58 | 1,78 | 0,617 | 17,57 |
| APP1  | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,65 | 1,85 | 0,617 | 18,26 |
| APP2  | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,65 | 1,85 | 0,617 | 18,26 |
| APP3  | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,65 | 1,85 | 0,617 | 18,26 |
| APP4  | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,64 | 1,84 | 0,617 | 18,16 |
| APP5  | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,90 | 2,10 | 0,617 | 20,73 |
| APP6  | 5,0  | 21,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 6,09  |
|       | 5,0  | 63,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 5,76  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,64 | 1,84 | 0,617 | 18,16 |
| APP7  | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,40 | 1,60 | 0,617 | 15,80 |
| APP8  | 5,0  | 16,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,94  |
|       | 5,0  | 48,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,39  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,36 | 1,56 | 0,617 | 15,40 |
| APP9  | 5,0  | 15,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,35  |
|       | 5,0  | 45,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,12  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,41 | 1,61 | 0,617 | 15,89 |
| APP10 | 5,0  | 16,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,64  |
|       | 5,0  | 48,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,39  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,51 | 1,71 | 0,617 | 16,88 |
| APP11 | 5,0  | 17,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,93  |
|       | 5,0  | 51,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,66  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,66 | 1,86 | 0,617 | 18,36 |
| APP12 | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,61 | 1,81 | 0,617 | 17,87 |
| APP13 | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,28 | 1,48 | 0,617 | 14,61 |
| APP14 | 5,0  | 14,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,06  |
|       | 5,0  | 42,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 3,84  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,31 | 1,51 | 0,617 | 14,91 |
| APP15 | 5,0  | 15,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,35  |
|       | 5,0  | 45,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,12  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,42 | 1,62 | 0,617 | 15,99 |
| APP16 | 5,0  | 16,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,64  |
|       | 5,0  | 48,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,39  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,45 | 1,65 | 0,617 | 16,39 |
| APP17 | 5,0  | 16,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,64  |
|       | 5,0  | 48,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,39  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,51 | 1,71 | 0,617 | 16,88 |
| APP18 | 5,0  | 17,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,93  |
|       | 5,0  | 51,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,66  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,52 | 1,72 | 0,617 | 16,98 |
| APP19 | 5,0  | 17,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,93  |
|       | 5,0  | 51,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,66  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,54 | 1,74 | 0,617 | 17,18 |
| APP20 | 5,0  | 17,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,93  |
|       | 5,0  | 51,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,66  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,57 | 1,77 | 0,617 | 17,47 |
| APP21 | 5,0  | 17,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,93  |
|       | 5,0  | 51,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,66  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,61 | 1,81 | 0,617 | 17,87 |
| APP22 | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,63 | 1,83 | 0,617 | 18,07 |
| APP23 | 5,0  | 18,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 5,22  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,94  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,65 | 1,85 | 0,617 | 18,26 |
| APP24 | 5,0  | 12,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 3,48  |
|       | 5,0  | 36,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 3,29  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,12 | 1,32 | 0,617 | 13,03 |
| APP25 | 5,0  | 12,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 3,48  |
|       | 5,0  | 36,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 3,29  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,24 | 1,44 | 0,617 | 14,22 |
| APP26 | 5,0  | 14,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,06  |
|       | 5,0  | 42,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 3,84  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,28 | 1,48 | 0,617 | 14,61 |
| APP27 | 5,0  | 14,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,06  |
|       | 5,0  | 42,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 3,84  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,37 | 1,57 | 0,617 | 15,50 |
| APP28 | 5,0  | 15,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,35  |
|       | 5,0  | 45,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,12  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,39 | 1,59 | 0,617 | 15,70 |
| APP29 | 5,0  | 15,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,35  |
|       | 5,0  | 45,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,12  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,42 | 1,62 | 0,617 | 15,99 |
| APP30 | 5,0  | 16,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,64  |
|       | 5,0  | 48,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,39  |
|       | 10,0 | 16,00 | 0,00 | 1,20 | 0,43 | 1,63 | 0,617 | 16,09 |
| APP31 | 5,0  | 16,00 | 0,09 | 0,00 | 0,00 | 1,87 | 0,155 | 4,64  |
|       | 5,0  | 48,00 | 0,00 | 0,00 | 0,00 | 0,59 | 0,155 | 4,39  |
|       | 10,0 | 10,00 | 0,00 | 1,20 | 1,40 | 2,60 | 0,617 | 16,04 |
| PB1   | 5,0  | 20,00 | 0,12 | 0,00 | 0,00 | 1,37 | 0,155 | 4,25  |
|       | 5,0  | 60,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 3,16  |
|       | 10,0 | 10,00 | 0,00 | 1,20 | 1,29 | 2,49 | 0,617 | 15,36 |
| PB2   | 5,0  | 19,00 | 0,12 | 0,00 | 0,00 | 1,38 | 0,155 | 4,06  |
|       | 5,0  | 59,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 2,00  |
|       | 10,0 | 10,00 | 0,00 | 1,20 | 1,17 | 2,37 | 0,617 | 14,52 |
| PB3   | 5,0  | 18,00 | 0,12 | 0,00 | 0,00 | 1,37 | 0,155 | 3,82  |
|       | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 2,85  |
|       | 10,0 | 8,00  | 0,00 | 1,20 | 0,80 | 2,00 | 0,617 | 9,87  |
| PB4   | 5,0  | 15,00 | 0,12 | 0,00 | 0,00 | 0,95 | 0,155 | 2,21  |
|       | 10,0 | 8,00  | 0,00 | 1,20 | 0,55 | 1,75 | 0,617 | 8,64  |
| PB5   | 5,0  | 13,00 | 0,12 | 0,00 | 0,00 | 0,95 | 0,155 | 1,91  |
|       | 10,0 | 8,00  | 0,00 | 1,20 | 0,41 | 1,61 | 0,617 | 7,95  |
| PB6   | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 0,95 | 0,155 | 1,77  |
|       | 10,0 | 8,00  | 0,00 | 1,20 | 0,33 | 1,53 | 0,617 | 7,65  |
| PB7   | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 0,95 | 0,155 | 1,62  |
|       | 10,0 | 10,00 | 0,00 | 1,20 | 0,10 | 1,30 | 0,617 | 8,02  |
| PB8   | 5,0  | 9,00  | 0,12 | 0,00 | 0,00 | 1,37 | 0,155 | 1,91  |
|       | 5,0  | 27,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 1,42  |

|      |      |       |      |      |       |      |       |       |
|------|------|-------|------|------|-------|------|-------|-------|
| PB9  | 10.0 | 10.00 | 0.00 | 1.20 | 0.73  | 1.93 | 0.617 | 11.91 |
|      | 5.0  | 14.00 | 0.12 | 0.00 | 0.00  | 1.37 | 0.155 | 2.97  |
|      | 5.0  | 42.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 2.21  |
| PB10 | 10.0 | 8.00  | 0.00 | 1.20 | 0.68  | 1.88 | 0.617 | 9.28  |
|      | 5.0  | 14.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 2.06  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.45  | 1.65 | 0.617 | 8.14  |
| PB11 | 5.0  | 12.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.77  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.33  | 1.53 | 0.617 | 7.55  |
|      | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.82  |
| PB13 | 10.0 | 8.00  | 0.00 | 1.20 | 0.28  | 1.48 | 0.617 | 7.31  |
|      | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.62  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.33  | 1.53 | 0.617 | 5.66  |
| PB14 | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 1.05 | 0.155 | 1.79  |
|      | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.36  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.31  | 1.51 | 0.617 | 5.59  |
| PB15 | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 1.05 | 0.155 | 1.79  |
|      | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.36  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.30  | 1.50 | 0.617 | 5.55  |
| PB16 | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 1.05 | 0.155 | 1.79  |
|      | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.36  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.28  | 1.48 | 0.617 | 5.48  |
| PB17 | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 1.05 | 0.155 | 1.79  |
|      | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.36  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.27  | 1.47 | 0.617 | 5.44  |
| PB18 | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 1.05 | 0.155 | 1.79  |
|      | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.36  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.24  | 1.44 | 0.617 | 5.33  |
| PB19 | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 0.85 | 0.155 | 1.32  |
|      | 5.0  | 10.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.33  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.24  | 1.44 | 0.617 | 7.11  |
| PB20 | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 1.15 | 0.155 | 1.78  |
|      | 5.0  | 20.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.81  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.53  | 1.73 | 0.617 | 8.54  |
| PB21 | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 1.15 | 0.155 | 2.32  |
|      | 5.0  | 13.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.52  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.30  | 1.50 | 0.617 | 7.40  |
| PB22 | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.63  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.26  | 1.46 | 0.617 | 5.40  |
|      | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 1.05 | 0.155 | 1.79  |
| PB23 | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.36  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.24  | 1.44 | 0.617 | 7.11  |
|      | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 1.05 | 0.155 | 1.63  |
| PB24 | 5.0  | 10.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.33  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.37  | 1.57 | 0.617 | 7.75  |
|      | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.62  |
| PB26 | 10.0 | 8.00  | 0.00 | 1.20 | 0.17  | 1.37 | 0.617 | 6.76  |
|      | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 1.15 | 0.155 | 1.78  |
|      | 5.0  | 20.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.81  |
| PB27 | 10.0 | 8.00  | 0.00 | 1.20 | 0.15  | 1.35 | 0.617 | 6.66  |
|      | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 1.15 | 0.155 | 1.78  |
|      | 5.0  | 10.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.40  |
| PB28 | 10.0 | 8.00  | 0.00 | 1.20 | 0.18  | 1.38 | 0.617 | 6.81  |
|      | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.47  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.20  | 1.40 | 0.617 | 6.91  |
| PB29 | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.47  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | -0.03 | 1.17 | 0.617 | 6.79  |
|      | 5.0  | 8.00  | 0.12 | 0.00 | 0.00  | 1.15 | 0.155 | 1.43  |
| PB30 | 5.0  | 16.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.64  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.04  | 1.24 | 0.617 | 6.12  |
|      | 5.0  | 9.00  | 0.12 | 0.00 | 0.00  | 1.15 | 0.155 | 1.60  |
| PB31 | 5.0  | 18.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.73  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.11  | 1.31 | 0.617 | 6.47  |
|      | 5.0  | 9.00  | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 1.33  |
| PC1  | 10.0 | 8.00  | 0.00 | 1.20 | 1.05  | 2.25 | 0.617 | 11.11 |
|      | 5.0  | 17.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 2.50  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.99  | 2.19 | 0.617 | 10.81 |
| PC2  | 5.0  | 17.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 2.50  |
|      | 10.0 | 10.00 | 0.00 | 1.20 | 0.87  | 2.07 | 0.617 | 12.77 |
|      | 5.0  | 16.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 2.36  |
| PC3  | 5.0  | 16.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.64  |
|      | 10.0 | 17.00 | 0.00 | 1.20 | 1.28  | 2.48 | 0.617 | 26.01 |
|      | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 1.75 | 0.155 | 5.15  |
| PC4  | 5.0  | 57.00 | 0.00 | 0.00 | 0.00  | 0.36 | 0.155 | 3.18  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 1.13  | 2.33 | 0.617 | 8.63  |
|      | 5.0  | 18.00 | 0.12 | 0.00 | 0.00  | 0.85 | 0.155 | 2.37  |
| PC5  | 5.0  | 18.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.59  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.90  | 2.10 | 0.617 | 7.77  |
|      | 5.0  | 16.00 | 0.12 | 0.00 | 0.00  | 0.85 | 0.155 | 2.11  |
| PC6  | 5.0  | 16.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.52  |
|      | 10.0 | 12.00 | 0.00 | 1.20 | 1.21  | 2.41 | 0.617 | 17.84 |
|      | 5.0  | 18.00 | 0.12 | 0.00 | 0.00  | 1.27 | 0.155 | 3.54  |
| PC7  | 5.0  | 36.00 | 0.00 | 0.00 | 0.00  | 0.39 | 0.155 | 2.18  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 1.02  | 2.22 | 0.617 | 8.22  |
|      | 5.0  | 17.00 | 0.12 | 0.00 | 0.00  | 0.85 | 0.155 | 2.24  |
| PC8  | 5.0  | 17.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.55  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.76  | 1.96 | 0.617 | 7.26  |
|      | 5.0  | 15.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 2.26  |
| PC9  | 5.0  | 15.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.56  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.69  | 1.89 | 0.617 | 9.33  |
|      | 5.0  | 14.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 2.06  |
| PC11 | 10.0 | 6.00  | 0.00 | 1.20 | 0.60  | 2.00 | 0.617 | 7.40  |
|      | 5.0  | 15.00 | 0.12 | 0.00 | 0.00  | 0.85 | 0.155 | 1.98  |
|      | 5.0  | 15.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.49  |
| PC12 | 12.5 | 4.00  | 0.00 | 1.20 | 0.16  | 1.78 | 0.983 | 6.86  |
|      | 5.0  | 11.00 | 0.15 | 0.00 | 0.00  | 1.15 | 0.195 | 1.96  |
|      | 10.0 | 6.00  | 0.00 | 1.20 | 0.94  | 2.14 | 0.617 | 7.92  |
| PC13 | 5.0  | 16.00 | 0.12 | 0.00 | 0.00  | 0.85 | 0.155 | 2.11  |
|      | 5.0  | 16.00 | 0.00 | 0.00 | 0.00  | 0.21 | 0.155 | 0.52  |
| PC14 | 12.5 | 6.00  | 0.00 | 1.20 | 0.57  | 2.19 | 0.983 | 12.66 |
|      | 5.0  | 13.00 | 0.15 | 0.00 | 0.00  | 0.95 | 0.155 | 1.91  |
|      | 12.5 | 9.00  | 0.00 | 1.20 | 0.13  | 1.75 | 0.983 | 15.17 |
| PC15 | 5.0  | 10.00 | 0.15 | 0.00 | 0.00  | 1.15 | 0.155 | 1.78  |
|      | 5.0  | 10.00 | 0.00 | 0.00 | 0.00  | 0.36 | 0.155 | 0.56  |
|      | 12.5 | 8.00  | 0.00 | 1.20 | 0.97  | 2.59 | 0.983 | 19.96 |
| PC16 | 5.0  | 16.00 | 0.15 | 0.00 | 0.00  | 1.47 | 0.155 | 3.85  |
|      | 5.0  | 32.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.44  |
|      | 12.5 | 8.00  | 0.00 | 1.20 | 0.73  | 2.35 | 0.983 | 18.11 |
| PC17 | 5.0  | 14.00 | 0.15 | 0.00 | 0.00  | 1.47 | 0.155 | 3.19  |
|      | 5.0  | 28.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.26  |
|      | 12.5 | 8.00  | 0.00 | 1.20 | 0.54  | 2.16 | 0.983 | 16.65 |
| PC18 | 5.0  | 13.00 | 0.15 | 0.00 | 0.00  | 1.47 | 0.155 | 2.96  |
|      | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.17  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 1.07  | 2.27 | 0.617 | 11.20 |
| PC19 | 5.0  | 17.00 | 0.12 | 0.00 | 0.00  | 0.95 | 0.155 | 2.50  |
|      | 12.5 | 4.00  | 0.00 | 1.20 | 0.76  | 2.40 | 0.983 | 16.56 |
|      | 5.0  | 15.00 | 0.15 | 0.00 | 0.00  | 1.47 | 0.155 | 3.42  |
| PC20 | 5.0  | 30.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.35  |
|      | 10.0 | 8.00  | 0.00 | 1.20 | 0.50  | 1.70 | 0.617 | 8.39  |
|      | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 1.47 | 0.155 | 2.96  |
| PC22 | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.17  |
|      | 12.5 | 8.00  | 0.00 | 1.20 | 0.99  | 2.61 | 0.983 | 20.11 |
|      | 5.0  | 16.00 | 0.15 | 0.00 | 0.00  | 1.47 | 0.155 | 3.65  |
| PC23 | 5.0  | 32.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.44  |
|      | 12.5 | 8.00  | 0.00 | 1.20 | 0.71  | 2.33 | 0.983 | 17.96 |
|      | 5.0  | 14.00 | 0.15 | 0.00 | 0.00  | 1.38 | 0.155 | 2.93  |
| PC24 | 5.0  | 14.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.56  |
|      | 12.5 | 12.00 | 0.00 | 1.20 | 0.44  | 2.06 | 0.983 | 23.81 |
|      | 5.0  | 12.00 | 0.15 | 0.00 | 0.00  | 1.15 | 0.155 | 2.14  |
|      | 5.0  | 24.00 | 0.00 | 0.00 | 0.00  | 0.26 | 0.155 | 0.97  |

|       |      |        |      |      |      |      |       |       |
|-------|------|--------|------|------|------|------|-------|-------|
| PD1   | 12.5 | 8.00   | 0.00 | 1.20 | 0.61 | 2.23 | 0.963 | 17.19 |
|       | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 2.10  |
|       | 5.0  | 28.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.04  |
| PD2   | 12.5 | 8.00   | 0.00 | 1.20 | 0.63 | 2.25 | 0.963 | 17.34 |
|       | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 2.10  |
|       | 5.0  | 28.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.04  |
| PD3   | 12.5 | 8.00   | 0.00 | 1.20 | 0.60 | 2.22 | 0.963 | 17.11 |
|       | 5.0  | 13.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 1.95  |
|       | 5.0  | 26.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 0.97  |
| PD4   | 16.0 | 8.00   | 0.00 | 1.20 | 0.63 | 2.36 | 1.578 | 29.80 |
|       | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 2.10  |
|       | 5.0  | 28.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.04  |
| PD5   | 12.5 | 8.00   | 0.00 | 1.20 | 0.61 | 2.23 | 0.963 | 17.19 |
|       | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 1.07 | 0.155 | 2.32  |
|       | 5.0  | 28.00  | 0.00 | 0.00 | 0.00 | 0.29 | 0.155 | 1.26  |
| PD6   | 16.0 | 10.00  | 0.00 | 1.20 | 0.63 | 2.36 | 1.578 | 37.25 |
|       | 5.0  | 11.00  | 0.19 | 0.00 | 0.00 | 1.47 | 0.155 | 2.51  |
|       | 5.0  | 33.00  | 0.00 | 0.00 | 0.00 | 0.29 | 0.155 | 1.46  |
| PD7   | 12.5 | 8.00   | 0.00 | 1.20 | 0.61 | 2.23 | 0.963 | 17.19 |
|       | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 2.10  |
|       | 5.0  | 28.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.04  |
| PD8   | 16.0 | 8.00   | 0.00 | 1.20 | 0.63 | 2.36 | 1.578 | 29.80 |
|       | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 2.10  |
|       | 5.0  | 28.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.04  |
| PD9   | 12.5 | 8.00   | 0.00 | 1.20 | 0.60 | 2.22 | 0.963 | 17.11 |
|       | 5.0  | 13.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 1.95  |
|       | 5.0  | 26.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 0.97  |
| PD10  | 12.5 | 8.00   | 0.00 | 1.20 | 0.62 | 2.24 | 0.963 | 17.26 |
|       | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 0.97 | 0.155 | 2.10  |
|       | 5.0  | 28.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.04  |
| PE1   | 16.0 | 6.00   | 0.00 | 1.20 | 0.61 | 2.34 | 1.578 | 22.16 |
|       | 5.0  | 11.00  | 0.19 | 0.00 | 0.00 | 1.37 | 0.155 | 2.34  |
|       | 5.0  | 11.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 0.58  |
| PE2   | 16.0 | 8.00   | 0.00 | 1.20 | 0.59 | 2.32 | 1.578 | 29.29 |
|       | 5.0  | 11.00  | 0.19 | 0.00 | 0.00 | 1.37 | 0.155 | 2.34  |
|       | 5.0  | 11.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 0.58  |
| PE3   | 12.5 | 6.00   | 0.00 | 1.20 | 0.52 | 2.14 | 0.963 | 12.37 |
|       | 5.0  | 13.00  | 0.15 | 0.00 | 0.00 | 1.07 | 0.155 | 2.16  |
|       | 5.0  | 13.00  | 0.00 | 0.00 | 0.00 | 0.29 | 0.155 | 0.58  |
| PE4   | 12.5 | 6.00   | 0.00 | 1.20 | 0.55 | 2.17 | 0.963 | 12.54 |
|       | 5.0  | 15.00  | 0.13 | 0.00 | 0.00 | 1.17 | 0.155 | 2.72  |
|       | 5.0  | 15.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 0.79  |
| PE5   | 12.5 | 6.00   | 0.00 | 1.20 | 0.49 | 2.11 | 0.963 | 12.20 |
|       | 5.0  | 13.00  | 0.15 | 0.00 | 0.00 | 1.07 | 0.155 | 2.16  |
|       | 5.0  | 13.00  | 0.00 | 0.00 | 0.00 | 0.29 | 0.155 | 0.58  |
| PE6   | 12.5 | 6.00   | 0.00 | 1.20 | 0.52 | 2.14 | 0.963 | 12.37 |
|       | 5.0  | 15.00  | 0.13 | 0.00 | 0.00 | 1.17 | 0.155 | 2.72  |
|       | 5.0  | 15.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 0.79  |
| PE7   | 16.0 | 6.00   | 0.00 | 1.20 | 0.45 | 2.18 | 1.578 | 20.64 |
|       | 5.0  | 10.00  | 0.19 | 0.00 | 0.00 | 1.37 | 0.155 | 2.12  |
|       | 5.0  | 10.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 0.53  |
| PE8   | 16.0 | 8.00   | 0.00 | 1.20 | 0.53 | 2.26 | 1.578 | 28.54 |
|       | 5.0  | 11.00  | 0.19 | 0.00 | 0.00 | 1.37 | 0.155 | 2.34  |
|       | 5.0  | 11.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 0.58  |
| PF1   | 12.5 | 12.00  | 0.00 | 1.20 | 1.18 | 2.78 | 0.963 | 32.14 |
|       | 5.0  | 32.00  | 0.08 | 0.00 | 0.00 | 1.95 | 0.155 | 6.87  |
|       | 5.0  | 128.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 4.17  |
| PF2   | 10.0 | 8.00   | 0.00 | 1.20 | 1.19 | 2.39 | 0.617 | 11.80 |
|       | 5.0  | 18.00  | 0.12 | 0.00 | 0.00 | 1.95 | 0.155 | 5.44  |
|       | 5.0  | 36.00  | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 1.17  |
| PF3   | 12.5 | 8.00   | 0.00 | 1.20 | 1.24 | 2.86 | 0.963 | 22.04 |
|       | 5.0  | 22.00  | 0.12 | 0.00 | 0.00 | 1.95 | 0.155 | 6.65  |
|       | 5.0  | 44.00  | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 1.43  |
| PF4   | 10.0 | 8.00   | 0.00 | 1.20 | 1.21 | 2.41 | 0.617 | 11.90 |
|       | 5.0  | 18.00  | 0.12 | 0.00 | 0.00 | 1.95 | 0.155 | 5.44  |
|       | 5.0  | 36.00  | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 1.17  |
| PF5   | 12.5 | 12.00  | 0.00 | 1.20 | 1.18 | 2.80 | 0.963 | 32.37 |
|       | 5.0  | 33.00  | 0.08 | 0.00 | 0.00 | 1.95 | 0.155 | 9.97  |
|       | 5.0  | 132.00 | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 4.30  |
| PF6   | 16.0 | 16.00  | 0.00 | 1.20 | 1.19 | 2.92 | 1.578 | 73.74 |
|       | 5.0  | 14.00  | 0.19 | 0.00 | 0.00 | 1.47 | 0.155 | 3.19  |
|       | 5.0  | 56.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 2.08  |
| PF7   | 12.5 | 16.00  | 0.00 | 1.20 | 1.20 | 2.82 | 0.963 | 43.47 |
|       | 5.0  | 17.00  | 0.15 | 0.00 | 0.00 | 1.35 | 0.155 | 3.56  |
|       | 5.0  | 68.00  | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 2.21  |
| PF8   | 16.0 | 16.00  | 0.00 | 1.20 | 1.21 | 2.94 | 1.578 | 74.24 |
|       | 5.0  | 14.00  | 0.19 | 0.00 | 0.00 | 1.47 | 0.155 | 3.19  |
|       | 5.0  | 56.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 2.08  |
| PF9   | 10.0 | 10.00  | 0.00 | 1.20 | 1.00 | 2.20 | 0.617 | 13.57 |
|       | 5.0  | 17.00  | 0.12 | 0.00 | 0.00 | 1.05 | 0.155 | 2.77  |
|       | 5.0  | 17.00  | 0.00 | 0.00 | 0.00 | 0.31 | 0.155 | 0.82  |
| PF10  | 10.0 | 8.00   | 0.00 | 1.20 | 0.95 | 2.15 | 0.617 | 10.61 |
|       | 5.0  | 16.00  | 0.12 | 0.00 | 0.00 | 0.95 | 0.155 | 2.36  |
|       | 10.0 | 10.00  | 0.00 | 1.20 | 0.91 | 2.11 | 0.617 | 13.02 |
| PF11  | 5.0  | 16.00  | 0.12 | 0.00 | 0.00 | 0.95 | 0.155 | 2.36  |
|       | 5.0  | 16.00  | 0.00 | 0.00 | 0.00 | 0.26 | 0.155 | 0.64  |
|       | 16.0 | 10.00  | 0.00 | 1.20 | 0.72 | 2.45 | 1.578 | 38.67 |
| PF12  | 5.0  | 12.00  | 0.19 | 0.00 | 0.00 | 1.15 | 0.155 | 2.14  |
|       | 5.0  | 12.00  | 0.00 | 0.00 | 0.00 | 0.26 | 0.155 | 0.48  |
|       | 16.0 | 16.00  | 0.00 | 1.20 | 0.73 | 2.46 | 1.578 | 62.12 |
| PF13  | 5.0  | 12.00  | 0.19 | 0.00 | 0.00 | 1.37 | 0.155 | 2.55  |
|       | 5.0  | 48.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.79  |
|       | 12.5 | 16.00  | 0.00 | 1.20 | 0.75 | 2.37 | 0.963 | 36.53 |
| PF14  | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 1.25 | 0.155 | 2.71  |
|       | 5.0  | 56.00  | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 1.82  |
|       | 16.0 | 16.00  | 0.00 | 1.20 | 0.75 | 2.48 | 1.578 | 62.63 |
| PF15  | 5.0  | 12.00  | 0.19 | 0.00 | 0.00 | 1.37 | 0.155 | 2.55  |
|       | 5.0  | 48.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 1.79  |
|       | 12.5 | 16.00  | 0.00 | 1.20 | 0.71 | 2.33 | 0.963 | 35.91 |
| PF16  | 5.0  | 14.00  | 0.15 | 0.00 | 0.00 | 0.85 | 0.155 | 1.84  |
|       | 5.0  | 56.00  | 0.00 | 0.00 | 0.00 | 0.21 | 0.155 | 1.82  |
|       | 16.0 | 10.00  | 0.00 | 1.20 | 0.69 | 2.42 | 1.578 | 38.20 |
| PF17  | 5.0  | 12.00  | 0.19 | 0.00 | 0.00 | 1.15 | 0.155 | 2.14  |
|       | 5.0  | 12.00  | 0.00 | 0.00 | 0.00 | 0.26 | 0.155 | 0.48  |
|       | 12.5 | 10.00  | 0.00 | 1.20 | 0.26 | 1.88 | 0.963 | 18.11 |
| PG1-1 | 5.0  | 11.00  | 0.15 | 0.00 | 0.00 | 1.27 | 0.155 | 2.17  |
|       | 5.0  | 22.00  | 0.00 | 0.00 | 0.00 | 0.29 | 0.155 | 0.99  |
| PG1-2 | 10.0 | 10.00  | 0.00 | 1.20 | 0.31 | 1.51 | 0.617 | 9.32  |
|       | 5.0  | 13.00  | 0.10 | 0.00 | 0.00 | 0.97 | 0.155 | 1.95  |
|       | 5.0  | 13.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 0.48  |
| PG1-3 | 10.0 | 10.00  | 0.00 | 1.20 | 0.41 | 1.61 | 0.617 | 9.93  |
|       | 5.0  | 14.00  | 0.10 | 0.00 | 0.00 | 0.97 | 0.155 | 2.10  |
|       | 5.0  | 14.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 0.52  |
| PG1-4 | 12.5 | 10.00  | 0.00 | 1.20 | 0.45 | 2.07 | 0.963 | 19.94 |
|       | 5.0  | 12.00  | 0.15 | 0.00 | 0.00 | 1.37 | 0.155 | 2.52  |
|       | 5.0  | 24.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 1.26  |
| PG1-5 | 10.0 | 8.00   | 0.00 | 1.20 | 0.30 | 1.50 | 0.617 | 7.40  |
|       | 5.0  | 11.00  | 0.12 | 0.00 | 0.00 | 0.97 | 0.155 | 1.65  |
|       | 5.0  | 11.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 0.41  |
| PG1-6 | 10.0 | 10.00  | 0.00 | 1.20 | 0.36 | 1.56 | 0.617 | 9.63  |
|       | 5.0  | 11.00  | 0.12 | 0.00 | 0.00 | 1.47 | 0.155 | 2.51  |
|       | 5.0  | 33.00  | 0.00 | 0.00 | 0.00 | 0.29 | 0.155 | 1.48  |
| PG1-7 | 10.0 | 8.00   | 0.00 | 1.20 | 0.41 | 1.61 | 0.617 | 7.95  |
|       | 5.0  | 12.00  | 0.12 | 0.00 | 0.00 | 0.97 | 0.155 | 1.80  |
|       | 5.0  | 12.00  | 0.00 | 0.00 | 0.00 | 0.24 | 0.155 | 0.45  |
| PG1-8 | 16.0 | 14.00  | 0.00 | 1.20 | 0.22 | 1.95 | 1.578 | 43.09 |
|       | 5.0  | 13.00  | 0.13 | 0.00 | 0.00 | 1.77 | 0.155 | 3.57  |
|       | 5.0  | 65.00  | 0.00 | 0.00 | 0.00 | 0.34 | 0.155 | 3.43  |
|       | 16.0 | 14.00  | 0.00 | 1.20 | 0.34 | 2.07 | 1.578 | 45.74 |

|        |      |       |      |      |       |      |       |       |
|--------|------|-------|------|------|-------|------|-------|-------|
| PG1-9  | 5.0  | 10.00 | 0.19 | 0.00 | 0.00  | 1.77 | 0.155 | 2.74  |
|        | 5.0  | 50.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 2.64  |
|        | 10.0 | 14.00 | 0.00 | 1.20 | 0.41  | 1.61 | 0.617 | 13.91 |
| PG1-10 | 5.0  | 11.00 | 0.13 | 0.00 | 0.00  | 1.77 | 0.155 | 3.02  |
|        | 5.0  | 55.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 2.90  |
|        | 10.0 | 10.00 | 0.00 | 1.20 | 0.18  | 1.38 | 0.617 | 8.39  |
| PG1-11 | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 2.07 | 0.155 | 3.21  |
|        | 5.0  | 30.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 1.12  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.24  | 1.44 | 0.617 | 7.11  |
| PG1-12 | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 2.07 | 0.155 | 3.21  |
|        | 5.0  | 20.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.74  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.30  | 1.50 | 0.617 | 7.40  |
| PG1-13 | 5.0  | 8.00  | 0.15 | 0.00 | 0.00  | 1.47 | 0.155 | 2.05  |
|        | 5.0  | 18.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.67  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.35  | 1.55 | 0.617 | 7.65  |
| PG1-14 | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 2.07 | 0.155 | 3.53  |
|        | 5.0  | 22.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.82  |
|        | 12.5 | 10.00 | 0.00 | 1.20 | 0.37  | 1.98 | 0.963 | 19.17 |
| PG1-15 | 5.0  | 12.00 | 0.15 | 0.00 | 0.00  | 2.27 | 0.155 | 4.22  |
|        | 5.0  | 36.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 1.90  |
|        | 10.0 | 6.00  | 0.00 | 1.20 | 1.01  | 2.21 | 0.617 | 8.18  |
| PG2-1  | 5.0  | 17.00 | 0.12 | 0.00 | 0.00  | 1.27 | 0.155 | 3.35  |
|        | 5.0  | 17.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 0.78  |
|        | 10.0 | 10.00 | 0.00 | 1.20 | 0.09  | 1.29 | 0.617 | 7.96  |
| PG2-2  | 5.0  | 11.00 | 0.10 | 0.00 | 0.00  | 0.97 | 0.155 | 1.65  |
|        | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.41  |
|        | 10.0 | 10.00 | 0.00 | 1.20 | 0.21  | 1.41 | 0.617 | 8.70  |
| PG2-3  | 5.0  | 12.00 | 0.10 | 0.00 | 0.00  | 0.97 | 0.155 | 1.80  |
|        | 5.0  | 12.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.45  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.26  | 1.46 | 0.617 | 7.21  |
| PG2-4  | 5.0  | 11.00 | 0.12 | 0.00 | 0.00  | 1.37 | 0.155 | 2.34  |
|        | 5.0  | 11.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 0.58  |
|        | 10.0 | 6.00  | 0.00 | 1.20 | 0.06  | 1.26 | 0.617 | 4.66  |
| PG2-5  | 5.0  | 9.00  | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.35  |
|        | 5.0  | 9.00  | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.33  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.11  | 1.31 | 0.617 | 6.47  |
| PG2-6  | 5.0  | 9.00  | 0.12 | 0.00 | 0.00  | 1.47 | 0.155 | 2.85  |
|        | 5.0  | 18.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.67  |
|        | 10.0 | 6.00  | 0.00 | 1.20 | 0.18  | 1.38 | 0.617 | 5.11  |
| PG2-7  | 5.0  | 10.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.50  |
|        | 5.0  | 10.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.37  |
|        | 10.0 | 32.00 | 0.00 | 1.20 | -0.04 | 1.16 | 0.617 | 22.90 |
| PG2-8  | 5.0  | 7.00  | 0.13 | 0.00 | 0.00  | 1.77 | 0.155 | 1.92  |
|        | 5.0  | 7.00  | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 0.37  |
|        | 12.5 | 6.00  | 0.00 | 1.20 | 0.09  | 1.71 | 0.983 | 9.88  |
| PG2-9  | 5.0  | 10.00 | 0.15 | 0.00 | 0.00  | 1.77 | 0.155 | 2.74  |
|        | 5.0  | 10.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.53  |
|        | 12.5 | 20.00 | 0.00 | 1.20 | 0.20  | 1.82 | 0.983 | 35.07 |
| PG2-10 | 5.0  | 12.00 | 0.13 | 0.00 | 0.00  | 1.77 | 0.155 | 3.20  |
|        | 5.0  | 12.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 0.63  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | -0.04 | 1.16 | 0.617 | 5.73  |
| PG2-11 | 5.0  | 8.00  | 0.12 | 0.00 | 0.00  | 2.07 | 0.155 | 2.57  |
|        | 5.0  | 16.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.60  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.01  | 1.21 | 0.617 | 5.97  |
| PG2-12 | 5.0  | 8.00  | 0.12 | 0.00 | 0.00  | 2.07 | 0.155 | 2.57  |
|        | 5.0  | 16.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.60  |
|        | 10.0 | 6.00  | 0.00 | 1.20 | 0.05  | 1.25 | 0.617 | 4.66  |
| PG2-13 | 5.0  | 9.00  | 0.12 | 0.00 | 0.00  | 1.47 | 0.155 | 2.05  |
|        | 5.0  | 9.00  | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.33  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.10  | 1.30 | 0.617 | 6.42  |
| PG2-14 | 5.0  | 9.00  | 0.12 | 0.00 | 0.00  | 2.07 | 0.155 | 2.89  |
|        | 5.0  | 16.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.67  |
|        | 12.5 | 8.00  | 0.00 | 1.20 | 0.14  | 1.76 | 0.983 | 13.56 |
| PG2-15 | 5.0  | 10.00 | 0.15 | 0.00 | 0.00  | 2.27 | 0.155 | 3.52  |
|        | 5.0  | 20.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 1.05  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.49  | 2.22 | 1.578 | 29.03 |
| PH1    | 5.0  | 17.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 2.56  |
|        | 5.0  | 34.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 1.26  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.51  | 1.71 | 0.617 | 8.44  |
| PH2    | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.95  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.97  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.53  | 2.26 | 1.578 | 28.54 |
| PH3    | 5.0  | 11.00 | 0.19 | 0.00 | 0.00  | 1.07 | 0.155 | 1.82  |
|        | 5.0  | 22.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 0.99  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.56  | 1.76 | 0.617 | 8.89  |
| PH4    | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.95  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.97  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.50  | 1.80 | 0.617 | 8.88  |
| PH5    | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.95  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.97  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.62  | 2.35 | 1.578 | 29.67 |
| PH6    | 5.0  | 13.00 | 0.16 | 0.00 | 0.00  | 1.27 | 0.155 | 2.56  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.17  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.46  | 2.19 | 1.578 | 27.65 |
| PH7    | 5.0  | 16.00 | 0.11 | 0.00 | 0.00  | 1.78 | 0.155 | 4.97  |
|        | 5.0  | 36.00 | 0.00 | 0.00 | 0.00  | 0.25 | 0.155 | 1.40  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.47  | 2.20 | 1.578 | 27.78 |
| PH8    | 5.0  | 18.00 | 0.11 | 0.00 | 0.00  | 1.87 | 0.155 | 5.22  |
|        | 5.0  | 36.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.62  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.49  | 1.69 | 0.617 | 8.34  |
| PH9    | 5.0  | 12.00 | 0.12 | 0.00 | 0.00  | 1.47 | 0.155 | 2.73  |
|        | 5.0  | 24.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.08  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.51  | 1.71 | 0.617 | 8.44  |
| PH10   | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.95  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.97  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.55  | 1.75 | 0.617 | 8.64  |
| PH11   | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.95  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.97  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.57  | 1.77 | 0.617 | 8.74  |
| PH12   | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 1.47 | 0.155 | 2.96  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.29 | 0.155 | 1.17  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.59  | 1.79 | 0.617 | 8.84  |
| PH13   | 5.0  | 13.00 | 0.12 | 0.00 | 0.00  | 0.97 | 0.155 | 1.95  |
|        | 5.0  | 26.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.97  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.47  | 1.67 | 0.617 | 8.24  |
| PH14   | 5.0  | 12.00 | 0.12 | 0.00 | 0.00  | 1.57 | 0.155 | 2.92  |
|        | 5.0  | 24.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 1.26  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.45  | 1.65 | 0.617 | 8.14  |
| PH15   | 5.0  | 12.00 | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 2.18  |
|        | 5.0  | 24.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 1.26  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.45  | 1.65 | 0.617 | 8.14  |
| PH16   | 5.0  | 10.00 | 0.15 | 0.00 | 0.00  | 1.37 | 0.155 | 2.12  |
|        | 5.0  | 20.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.74  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.47  | 2.20 | 1.578 | 27.78 |
| PH17   | 5.0  | 15.00 | 0.13 | 0.00 | 0.00  | 1.77 | 0.155 | 4.86  |
|        | 5.0  | 30.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 1.58  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.51  | 2.24 | 1.578 | 28.28 |
| PH18   | 5.0  | 14.00 | 0.15 | 0.00 | 0.00  | 1.57 | 0.155 | 3.41  |
|        | 5.0  | 28.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 1.04  |
|        | 16.0 | 8.00  | 0.00 | 1.20 | 0.55  | 2.28 | 1.578 | 28.79 |
| PH19   | 5.0  | 11.00 | 0.19 | 0.00 | 0.00  | 1.77 | 0.155 | 3.02  |
|        | 5.0  | 22.00 | 0.00 | 0.00 | 0.00  | 0.34 | 0.155 | 1.16  |
|        | 20.0 | 10.00 | 0.00 | 1.20 | 0.57  | 2.44 | 2.486 | 60.17 |
| PH20   | 5.0  | 17.00 | 0.13 | 0.00 | 0.00  | 1.77 | 0.155 | 4.86  |
|        | 5.0  | 34.00 | 0.00 | 0.00 | 0.00  | 0.33 | 0.155 | 2.61  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.42  | 1.62 | 0.617 | 8.00  |
| PH21   | 5.0  | 9.00  | 0.15 | 0.00 | 0.00  | 1.18 | 0.155 | 1.65  |
|        | 5.0  | 18.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.67  |
|        | 10.0 | 8.00  | 0.00 | 1.20 | 0.43  | 1.63 | 0.617 | 8.05  |

|      |      |       |      |      |      |      |       |       |
|------|------|-------|------|------|------|------|-------|-------|
| PH22 | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 1,87 | 0,155 | 3,48  |
|      | 5,0  | 24,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,89  |
|      | 10,0 | 12,00 | 0,00 | 1,20 | 0,43 | 1,63 | 0,617 | 12,07 |
| PH23 | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 2,27 | 0,155 | 4,22  |
|      | 5,0  | 48,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 2,16  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,48 | 1,66 | 0,617 | 8,19  |
| PH24 | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 1,47 | 0,155 | 2,73  |
|      | 5,0  | 24,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 1,08  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,47 | 1,67 | 0,617 | 8,24  |
| PH25 | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 2,07 | 0,155 | 3,85  |
|      | 5,0  | 24,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,89  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,49 | 1,69 | 0,617 | 8,34  |
| PH26 | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 1,47 | 0,155 | 2,73  |
|      | 5,0  | 24,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 1,08  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,50 | 1,70 | 0,617 | 8,39  |
| PH27 | 5,0  | 13,00 | 0,12 | 0,00 | 0,00 | 2,07 | 0,155 | 4,17  |
|      | 5,0  | 26,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,97  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,52 | 1,72 | 0,617 | 8,49  |
| PH28 | 5,0  | 13,00 | 0,12 | 0,00 | 0,00 | 1,47 | 0,155 | 2,96  |
|      | 5,0  | 26,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 1,17  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,52 | 1,72 | 0,617 | 8,49  |
| PH29 | 5,0  | 13,00 | 0,12 | 0,00 | 0,00 | 2,07 | 0,155 | 4,17  |
|      | 5,0  | 26,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,97  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,46 | 1,66 | 0,617 | 8,19  |
| PH30 | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 1,47 | 0,155 | 2,73  |
|      | 5,0  | 24,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 1,08  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,37 | 1,52 | 0,617 | 7,50  |
| PI1  | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 1,27 | 0,155 | 2,17  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 1,16  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,34 | 1,54 | 0,617 | 7,60  |
| PI2  | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 1,27 | 0,155 | 2,17  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 0,99  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,36 | 1,56 | 0,617 | 7,70  |
| PI3  | 5,0  | 14,00 | 0,10 | 0,00 | 0,00 | 0,97 | 0,155 | 2,10  |
|      | 5,0  | 28,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 1,04  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,39 | 1,59 | 0,617 | 7,85  |
| PI4  | 5,0  | 14,00 | 0,10 | 0,00 | 0,00 | 0,97 | 0,155 | 2,10  |
|      | 5,0  | 28,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 1,04  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,40 | 1,60 | 0,617 | 7,90  |
| PI5  | 5,0  | 12,00 | 0,12 | 0,00 | 0,00 | 1,27 | 0,155 | 2,36  |
|      | 5,0  | 24,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 1,08  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,34 | 1,54 | 0,617 | 7,60  |
| PI6  | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 0,97 | 0,155 | 1,65  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,82  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,36 | 1,56 | 0,617 | 7,70  |
| PI7  | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 1,47 | 0,155 | 2,51  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 0,99  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,36 | 1,56 | 0,617 | 7,70  |
| PI8  | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 0,97 | 0,155 | 1,65  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,82  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,28 | 1,48 | 0,617 | 7,31  |
| PI9  | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 1,07 | 0,155 | 1,82  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 0,99  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,29 | 1,49 | 0,617 | 7,35  |
| PI10 | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 1,27 | 0,155 | 2,17  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 0,99  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,25 | 1,45 | 0,617 | 7,16  |
| PI11 | 5,0  | 10,00 | 0,12 | 0,00 | 0,00 | 1,07 | 0,155 | 1,66  |
|      | 5,0  | 20,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 0,90  |
|      | 12,5 | 8,00  | 0,00 | 1,20 | 0,24 | 1,86 | 0,963 | 14,33 |
| PI12 | 5,0  | 11,00 | 0,15 | 0,00 | 0,00 | 1,87 | 0,155 | 3,19  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 1,16  |
|      | 12,5 | 8,00  | 0,00 | 1,20 | 0,30 | 1,92 | 0,963 | 14,80 |
| PI13 | 5,0  | 11,00 | 0,15 | 0,00 | 0,00 | 1,77 | 0,155 | 3,02  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 1,16  |
|      | 16,0 | 14,00 | 0,00 | 1,20 | 0,31 | 2,04 | 1,578 | 46,08 |
| PI14 | 5,0  | 14,00 | 0,13 | 0,00 | 0,00 | 1,77 | 0,155 | 3,84  |
|      | 5,0  | 70,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 3,89  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,21 | 1,41 | 0,617 | 6,96  |
| PI15 | 5,0  | 10,00 | 0,12 | 0,00 | 0,00 | 1,07 | 0,155 | 1,66  |
|      | 5,0  | 20,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 0,90  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,18 | 1,38 | 0,617 | 6,81  |
| PI16 | 5,0  | 10,00 | 0,12 | 0,00 | 0,00 | 1,27 | 0,155 | 1,97  |
|      | 5,0  | 20,00 | 0,00 | 0,00 | 0,00 | 0,34 | 0,155 | 1,05  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,18 | 1,38 | 0,617 | 6,81  |
| PI17 | 5,0  | 10,00 | 0,12 | 0,00 | 0,00 | 2,07 | 0,155 | 3,21  |
|      | 5,0  | 20,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,74  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,23 | 1,43 | 0,617 | 7,06  |
| PI18 | 5,0  | 10,00 | 0,12 | 0,00 | 0,00 | 2,07 | 0,155 | 3,21  |
|      | 5,0  | 20,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,74  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,36 | 1,56 | 0,617 | 7,70  |
| PI19 | 5,0  | 11,00 | 0,12 | 0,00 | 0,00 | 1,47 | 0,155 | 2,51  |
|      | 5,0  | 22,00 | 0,00 | 0,00 | 0,00 | 0,29 | 0,155 | 0,99  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,25 | 1,45 | 0,617 | 7,16  |
| PI20 | 5,0  | 10,00 | 0,12 | 0,00 | 0,00 | 1,45 | 0,155 | 3,21  |
|      | 5,0  | 20,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,74  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 0,25 | 1,45 | 0,617 | 7,16  |
| PI21 | 5,0  | 10,00 | 0,12 | 0,00 | 0,00 | 2,07 | 0,155 | 3,21  |
|      | 5,0  | 20,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 0,74  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 2,24 | 3,44 | 0,617 | 16,98 |
| PM1  | 5,0  | 27,00 | 0,12 | 0,00 | 0,00 | 0,97 | 0,155 | 4,06  |
|      | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 2,01  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,99 | 3,19 | 0,617 | 15,75 |
| PM2  | 5,0  | 25,00 | 0,12 | 0,00 | 0,00 | 0,97 | 0,155 | 3,76  |
|      | 5,0  | 50,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 1,86  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,80 | 3,00 | 0,617 | 14,81 |
| PM3  | 5,0  | 23,00 | 0,12 | 0,00 | 0,00 | 0,97 | 0,155 | 3,46  |
|      | 5,0  | 46,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 1,71  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,45 | 2,65 | 0,617 | 13,08 |
| PM4  | 5,0  | 20,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 2,08  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,26 | 2,46 | 0,617 | 12,14 |
|      | 5,0  | 19,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 1,97  |
| PM6  | 10,0 | 8,00  | 0,00 | 1,20 | 1,24 | 2,44 | 0,617 | 12,04 |
|      | 5,0  | 19,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 1,97  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,27 | 2,47 | 0,617 | 12,19 |
| PM7  | 5,0  | 19,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 1,97  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,29 | 2,49 | 0,617 | 12,29 |
|      | 5,0  | 19,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 1,97  |
| PM9  | 10,0 | 8,00  | 0,00 | 1,20 | 1,28 | 2,48 | 0,617 | 12,24 |
|      | 5,0  | 19,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 1,97  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,33 | 2,53 | 0,617 | 12,49 |
| PM10 | 5,0  | 19,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 1,97  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,47 | 2,67 | 0,617 | 13,18 |
|      | 5,0  | 21,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 2,18  |
| PM12 | 10,0 | 8,00  | 0,00 | 1,20 | 1,63 | 2,83 | 0,617 | 13,97 |
|      | 5,0  | 22,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 2,28  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,67 | 2,87 | 0,617 | 14,17 |
| PM13 | 5,0  | 22,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 2,28  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,66 | 2,86 | 0,617 | 14,12 |
|      | 5,0  | 22,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 2,28  |
| PM15 | 10,0 | 8,00  | 0,00 | 1,20 | 1,63 | 2,83 | 0,617 | 13,97 |
|      | 5,0  | 22,00 | 0,12 | 0,00 | 0,00 | 0,67 | 0,155 | 2,28  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 1,55 | 2,75 | 0,617 | 13,57 |
| PM16 | 5,0  | 21,00 | 0,12 | 0,00 | 0,00 | 1,17 | 0,155 | 3,81  |
|      | 5,0  | 42,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 1,56  |
|      | 10,0 | 8,00  | 0,00 | 1,20 | 2,20 | 3,40 | 0,617 | 16,78 |
| PM17 | 5,0  | 27,00 | 0,12 | 0,00 | 0,00 | 0,97 | 0,155 | 4,06  |
|      | 5,0  | 54,00 | 0,00 | 0,00 | 0,00 | 0,24 | 0,155 | 2,01  |
|      | 10,0 | 4,00  | 0,00 | 1,20 | 1,17 | 2,37 | 0,617 | 5,85  |
| PM18 |      |       |      |      |      |      |       |       |

|      |      |        |      |      |       |      |       |       |
|------|------|--------|------|------|-------|------|-------|-------|
| PM19 | 5.0  | 18.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.87  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 1.98  | 3.18 | 0.617 | 15.70 |
|      | 5.0  | 25.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 2.60  |
| PM20 | 10.0 | 8.00   | 0.00 | 1.20 | 1.04  | 2.24 | 0.617 | 11.06 |
|      | 5.0  | 17.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.77  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.12  | 2.32 | 0.617 | 5.73  |
| PM21 | 5.0  | 18.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.87  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 0.95  | 2.16 | 0.617 | 5.33  |
|      | 5.0  | 16.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.86  |
| PM23 | 10.0 | 8.00   | 0.00 | 1.20 | 0.81  | 2.01 | 0.617 | 9.92  |
|      | 5.0  | 15.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.56  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 1.61  | 2.81 | 0.617 | 13.87 |
| PM24 | 5.0  | 22.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 2.28  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 1.33  | 2.53 | 0.617 | 12.49 |
|      | 5.0  | 19.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.97  |
| PM26 | 10.0 | 4.00   | 0.00 | 1.20 | 0.75  | 1.95 | 0.617 | 4.81  |
|      | 5.0  | 15.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.56  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 1.52  | 2.72 | 0.617 | 13.43 |
| PM27 | 5.0  | 21.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 2.18  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.75  | 1.95 | 0.617 | 9.63  |
|      | 5.0  | 15.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.56  |
| PM29 | 10.0 | 4.00   | 0.00 | 1.20 | 0.60  | 1.80 | 0.617 | 4.44  |
|      | 5.0  | 13.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.35  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 1.50  | 2.70 | 0.617 | 13.33 |
| PM30 | 5.0  | 21.00  | 0.12 | 0.00 | 0.00  | 0.54 | 0.155 | 1.76  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.73  | 1.93 | 0.617 | 9.53  |
|      | 5.0  | 14.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.45  |
| PM31 | 10.0 | 8.00   | 0.00 | 1.20 | 1.46  | 2.66 | 0.617 | 13.13 |
|      | 5.0  | 21.00  | 0.12 | 0.00 | 0.00  | 0.54 | 0.155 | 1.76  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 1.41  | 2.61 | 0.617 | 12.88 |
| PM33 | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 2.08  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.71  | 1.91 | 0.617 | 9.43  |
|      | 5.0  | 14.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.45  |
| PM34 | 10.0 | 8.00   | 0.00 | 1.20 | 0.68  | 1.88 | 0.617 | 9.28  |
|      | 5.0  | 14.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.45  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.64  | 1.84 | 0.617 | 9.08  |
| PM36 | 5.0  | 14.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.45  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.60  | 1.80 | 0.617 | 8.88  |
|      | 5.0  | 13.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.35  |
| PM37 | 10.0 | 8.00   | 0.00 | 1.20 | 0.54  | 1.74 | 0.617 | 8.59  |
|      | 5.0  | 13.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.35  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 0.19  | 1.39 | 0.617 | 3.43  |
| PM38 | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 0.15  | 1.35 | 0.617 | 3.33  |
|      | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
| PM41 | 10.0 | 8.00   | 0.00 | 1.20 | 0.46  | 1.66 | 0.617 | 8.19  |
|      | 5.0  | 12.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.25  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 0.08  | 1.28 | 0.617 | 3.16  |
| PM42 | 5.0  | 9.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.93  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | -0.11 | 1.09 | 0.617 | 5.38  |
|      | 5.0  | 7.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.73  |
| PM43 | 10.0 | 8.00   | 0.00 | 1.20 | -0.01 | 1.19 | 0.617 | 5.87  |
|      | 5.0  | 8.00   | 0.12 | 0.00 | 0.00  | 0.17 | 0.155 | 1.45  |
|      | 5.0  | 16.00  | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.60  |
| PM44 | 10.0 | 8.00   | 0.00 | 1.20 | 0.34  | 1.54 | 0.617 | 7.80  |
|      | 5.0  | 11.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.14  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.11  | 1.09 | 0.617 | 5.39  |
| PM46 | 5.0  | 7.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.73  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.25  | 1.45 | 0.617 | 7.16  |
|      | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
| PM47 | 10.0 | 8.00   | 0.00 | 1.20 | -0.14 | 1.06 | 0.617 | 5.23  |
|      | 5.0  | 7.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.73  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | -0.47 | 0.73 | 0.617 | 3.60  |
| PM49 | 5.0  | 4.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.42  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | -0.46 | 0.74 | 0.617 | 3.65  |
|      | 5.0  | 5.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.62  |
| PM50 | 10.0 | 8.00   | 0.00 | 1.20 | -0.34 | 0.86 | 0.617 | 4.24  |
|      | 5.0  | 6.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.82  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | -0.15 | 1.05 | 0.617 | 5.18  |
| PM51 | 5.0  | 7.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.73  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | -0.08 | 1.12 | 0.617 | 5.53  |
|      | 5.0  | 8.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.83  |
| PM52 | 10.0 | 8.00   | 0.00 | 1.20 | 0.05  | 1.25 | 0.617 | 6.17  |
|      | 5.0  | 9.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.93  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.12  | 1.32 | 0.617 | 6.52  |
| PM53 | 5.0  | 9.00   | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 0.93  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.16  | 1.36 | 0.617 | 6.71  |
|      | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
| PM56 | 10.0 | 8.00   | 0.00 | 1.20 | 0.17  | 1.37 | 0.617 | 6.76  |
|      | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.19  | 1.39 | 0.617 | 6.86  |
| PM58 | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.18  | 1.38 | 0.617 | 6.81  |
|      | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
| PM59 | 10.0 | 8.00   | 0.00 | 1.20 | 0.15  | 1.35 | 0.617 | 6.66  |
|      | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.14  | 1.34 | 0.617 | 6.61  |
| PM60 | 5.0  | 10.00  | 0.12 | 0.00 | 0.00  | 0.67 | 0.155 | 1.04  |
|      | 10.0 | 8.00   | 0.00 | 1.20 | 0.03  | 1.23 | 0.617 | 6.07  |
|      | 5.0  | 9.00   | 0.12 | 0.00 | 0.00  | 0.17 | 0.155 | 1.63  |
| PM61 | 5.0  | 18.00  | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 0.67  |
|      | 12.5 | 14.00  | 0.00 | 1.20 | 0.41  | 2.03 | 0.963 | 27.38 |
|      | 5.0  | 23.00  | 0.08 | 0.00 | 0.00  | 2.17 | 0.155 | 7.74  |
| PR1  | 5.0  | 115.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 4.28  |
|      | 12.5 | 14.00  | 0.00 | 1.20 | 0.42  | 2.04 | 0.963 | 27.51 |
|      | 5.0  | 23.00  | 0.08 | 0.00 | 0.00  | 2.17 | 0.155 | 7.74  |
| PR2  | 5.0  | 115.00 | 0.00 | 0.00 | 0.00  | 0.24 | 0.155 | 4.28  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.60  | 2.80 | 0.617 | 6.91  |
|      | 5.0  | 22.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.99  |
| PC1  | 10.0 | 4.00   | 0.00 | 1.20 | 1.63  | 2.83 | 0.617 | 6.98  |
|      | 5.0  | 22.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.99  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.65  | 2.85 | 0.617 | 7.03  |
| PC2  | 5.0  | 22.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.99  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.64  | 2.84 | 0.617 | 7.01  |
|      | 5.0  | 22.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.99  |
| PC3  | 10.0 | 4.00   | 0.00 | 1.20 | 1.52  | 2.72 | 0.617 | 6.71  |
|      | 5.0  | 21.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.81  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.54  | 2.74 | 0.617 | 6.76  |
| PC4  | 5.0  | 21.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.81  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.57  | 2.77 | 0.617 | 6.84  |
|      | 5.0  | 21.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.81  |
| PC5  | 10.0 | 4.00   | 0.00 | 1.20 | 1.53  | 2.73 | 0.617 | 6.74  |
|      | 5.0  | 21.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.81  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.40  | 2.60 | 0.617 | 6.42  |
| PC6  | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.41  | 2.61 | 0.617 | 6.44  |
|      | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
| PC7  | 10.0 | 4.00   | 0.00 | 1.20 | 1.45  | 2.65 | 0.617 | 6.54  |
|      | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.38  | 2.58 | 0.617 | 6.37  |
| PC8  | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.45  | 2.65 | 0.617 | 6.54  |
|      | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
| PC9  | 10.0 | 4.00   | 0.00 | 1.20 | 1.38  | 2.58 | 0.617 | 6.37  |
|      | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.38  | 2.58 | 0.617 | 6.37  |
| PC10 | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.45  | 2.65 | 0.617 | 6.54  |
|      | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
| PC11 | 10.0 | 4.00   | 0.00 | 1.20 | 1.45  | 2.65 | 0.617 | 6.54  |
|      | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |
|      | 10.0 | 4.00   | 0.00 | 1.20 | 1.38  | 2.58 | 0.617 | 6.37  |
| PC12 | 5.0  | 20.00  | 0.12 | 0.00 | 0.00  | 1.17 | 0.155 | 3.63  |

| Bitola do aço (mm) | Peso do metro da barra (Kg) |
|--------------------|-----------------------------|
| 6,3                | 0,245                       |
| 8                  | 0,395                       |
| 10                 | 0,617                       |
| 12,5               | 0,963                       |

| TABELA - RESUMO                        |        |                                               |          |
|----------------------------------------|--------|-----------------------------------------------|----------|
| PESO TOTAL 12,5mm (QUADRA)             | 199,64 | PESO TOTAL GERAL 12,5mm (QUADRA) ACRÉSCIMO    | 219,60   |
| PESO TOTAL 12,5mm (ESTRUTURA METÁLICA) | 954,13 | PESO TOTAL GERAL 12,5mm (ESTRUTURA) ACRÉSCIMO | 1.049,54 |
| COMPR. TOTAL (QUADRA)                  | 207,24 |                                               |          |
| COMPR. TOTAL (ESTRUTUR METÁLICA)       | 990,44 |                                               |          |

| TABELA RESUMO     |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 429,41 |
| PESO TOTAL GERAL  | 472,35 |
| COMPR. TOTAL      | 695,96 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 300,50 |
| PESO TOTAL GERAL  | 300,50 |
| COMPR. TOTAL      | 487,04 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 160,42 |
| PESO TOTAL GERAL  | 176,46 |
| COMPR. TOTAL      | 260,00 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 128,33 |
| PESO TOTAL GERAL  | 141,18 |
| COMPR. TOTAL      | 208,00 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 272,71 |
| PESO TOTAL GERAL  | 299,98 |
| COMPR. TOTAL      | 442,00 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 187,62 |
| PESO TOTAL GERAL  | 206,38 |
| COMPR. TOTAL      | 304,08 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 208,93 |
| PESO TOTAL GERAL  | 229,82 |
| COMPR. TOTAL      | 338,64 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 441,51 |
| PESO TOTAL GERAL  | 485,66 |
| COMPR. TOTAL      | 715,56 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 10,0mm | 281,79 |
| PESO TOTAL GERAL  | 309,97 |
| COMPR. TOTAL      | 456,70 |

|                       |        |
|-----------------------|--------|
| PESO TOTAL 10,0mm     | 446,80 |
| PESO TOTAL GERAL 10mm | 491,48 |
| COMPR. TOTAL          | 724,16 |

|                   |       |
|-------------------|-------|
| PESO TOTAL 10,0mm | 36,51 |
| PESO TOTAL GERAL  | 40,16 |
| COMPR. TOTAL      | 59,16 |

|                   |        |
|-------------------|--------|
| PESO TOTAL 12,5mm | 135,02 |
| PESO TOTAL GERAL  | 148,52 |
| COMPR. TOTAL      | 140,16 |

| Bitola do aço (mm) | Peso do metro da barra (Kg) |
|--------------------|-----------------------------|
| 5                  | 0,155                       |
| 6,3                | 0,245                       |
| 8                  | 0,395                       |
| 10                 | 0,617                       |
| 12,5               | 0,963                       |
| 16                 | 1,578                       |
| 20                 | 2,468                       |

|                   |          |
|-------------------|----------|
| PESO TOTAL 5mm    | 1.357,53 |
| PESO TOTAL 6,3mm  | 0,00     |
| PESO TOTAL 8,0mm  | 0,00     |
| PESO TOTAL 10,0mm | 2.522,49 |
| PESO TOTAL 12,5mm | 891,92   |
| PESO TOTAL 16mm   | 907,51   |
| PESO TOTAL 20mm   | 60,17    |
| PESO TOTAL GERAL  | 5.739,62 |

| ARMADURA - EDIFICAÇÃO       |                            |                             |                           |
|-----------------------------|----------------------------|-----------------------------|---------------------------|
| QUADRA SOMA DE 12,5MM       | QUADRA SOMA DE 5MM         |                             |                           |
| 150,05                      | 44,06                      |                             |                           |
| ADMINISTRATIVO SOMA DE 10MM | ADMINISTRATIVO SOMA DE 5MM |                             |                           |
| 254,12                      | 80,85                      |                             |                           |
| SERVIÇO SOMA DE 10MM        | SERVIÇO SOMA DE 5MM        | SERVIÇO SOMA DE 12,5MM      |                           |
| 154,66                      | 83,38                      | 169,79                      |                           |
| HIGIENE SOMA DE 12,5MM      | HIGIENE SOMA DE 5MM        | HIGIENE SOMA DE 16MM        |                           |
| 120,39                      | 32,25                      | 96,85                       |                           |
| BIBLIOTECA SOMA DE 12,5MM   | BIBLIOTECA SOMA DE 5MM     | BIBLIOTECA SOMA DE 16MM     |                           |
| 49,45                       | 25,91                      | 100,63                      |                           |
| MULTIUSO SOMA DE 12,5MM     | MULTIUSO SOMA DE 5MM       | MULTIUSO SOMA DE 16MM       | MULTIUSO SOMA DE 10MM     |
| 202,46                      | 96,78                      | 349,60                      | 60,90                     |
| PEDAGÓGICO 1 SOMA DE 12,5MM | PEDAGÓGICO 1 SOMA DE 5MM   | PEDAGÓGICO 1 SOMA DE 10MM   | PEDAGÓGICO 1 SOMA DE 16MM |
| 57,22                       | 60,09                      | 88,69                       | 88,83                     |
| PEDAGÓGICO 2 SOMA DE 12,5MM | PEDAGÓGICO 2 SOMA DE 5MM   | PEDAGÓGICO 2 SOMA DE 10MM   |                           |
| 58,51                       | 43,94                      | 93,97                       |                           |
| PEDAGÓGICO 3 SOMA DE 10MM   | PEDAGÓGICO 3 SOMA DE 5MM   | PEDAGÓGICO 3 SOMA DE 16MM   | PEDAGÓGICO 3 SOMA DE 20MM |
| 179,98                      | 124,76                     | 226,52                      | 60,17                     |
| PEDAGÓGICO 4 SOMA DE 10MM   | PEDAGÓGICO 4 SOMA DE 5MM   | PEDAGÓGICO 4 SOMA DE 12,5MM | PEDAGÓGICO 4 SOMA DE 16MM |
| 133,03                      | 74,12                      | 29,13                       | 45,08                     |
| REFEITÓRIO SOMA DE 12,5MM   | REFEITÓRIO SOMA DE 5MM     |                             |                           |
| 54,89                       | 24,04                      |                             |                           |

| TABELA RESUMO - ARMADURAS DA EDIFICAÇÃO |              |            |            |           |                    |
|-----------------------------------------|--------------|------------|------------|-----------|--------------------|
| TOTAL DE 10MM                           | TOTAL 12,5MM | TOTAL 16MM | TOTAL 20MM | TOTAL 5MM | DESCRIÇÃO          |
| 965,35                                  | 891,92       | 907,51     | 60,17      | 688,18    | PILARES            |
| 2447,73                                 | 199,64       | 0,00       | 0,00       | 0,00      | SAPATAS            |
| 341,31                                  | 109,16       | 90,75      | 6,02       | 68,82     | AUMENTO 10% PERDAS |
| 3754,39                                 | 1200,72      | 998,26     | 66,19      | 757,00    | TOTAL              |

| TABELA RESUMO - ARMADURAS DA ESTRUTURA METÁLICA |        |
|-------------------------------------------------|--------|
| 10MM                                            | 5MM    |
| 900,12                                          | 509,60 |
| 90,01                                           | 50,96  |
| 990,13                                          | 560,56 |

| TABELA RESUMO - ARMADURAS DO MURO |                     |
|-----------------------------------|---------------------|
| SOMA DO MURO DE 10MM              | SOMA DO MURO DE 5MM |
| 124,06                            | 45,66               |
| 446,80                            |                     |
| 627,95                            | 50,23               |

| TABELA RESUMO - ARMADURAS DO RESERVATÓRIO |                             |                                |
|-------------------------------------------|-----------------------------|--------------------------------|
| SOMA DO RESERVATÓRIO DE 10MM              | SOMA DO RESERVATÓRIO DE 5MM | SOMA DO RESERVATÓRIO DE 12,5MM |
| 32,72                                     | 14,04                       | 135,02                         |
| 35,99                                     | 15,44                       | 148,52                         |