

| Estaca    | Descrição | Progressiva | X           | Y             | Z       | Azimute   |
|-----------|-----------|-------------|-------------|---------------|---------|-----------|
| 0         | PI-0      | 0,000       | 212.527,160 | 7.737.150,074 | 369,084 | 23°10'16" |
| 0+4,060   | PCCV2     | 4,060       | 212.530,892 | 7.737.148,476 | 369,103 | 23°10'16" |
| 1         | PCCV2     | 20,000      | 212.545,546 | 7.737.142,204 | 369,203 | 23°10'16" |
| 1+10,000  | PTV2      | 30,000      | 212.554,739 | 7.737.138,269 | 369,056 | 23°10'16" |
| 2         |           | 40,000      | 212.563,933 | 7.737.134,334 | 368,980 | 23°10'16" |
| 2+10,000  | PCV3      | 50,000      | 212.573,126 | 7.737.130,400 | 368,928 | 23°10'16" |
| 3         |           | 60,000      | 212.582,319 | 7.737.126,465 | 368,859 | 23°10'16" |
| 3+10,000  | PTV3      | 70,000      | 212.591,513 | 7.737.122,530 | 368,769 | 23°10'16" |
| 4         |           | 80,000      | 212.600,706 | 7.737.118,595 | 368,692 | 23°10'16" |
| 4+2,681   | PCV2      | 82,681      | 212.603,171 | 7.737.117,540 | 368,641 | 23°10'16" |
| 4+12,681  |           | 92,681      | 212.612,365 | 7.737.113,605 | 368,487 | 23°10'16" |
| 5         |           | 100,000     | 212.619,093 | 7.737.110,726 | 368,071 | 23°10'16" |
| 5+2,681   | PTV2      | 102,681     | 212.621,558 | 7.737.109,671 | 367,930 | 23°10'16" |
| 5+18,045  | PCV3      | 118,045     | 212.635,683 | 7.737.103,625 | 366,876 | 23°10'16" |
| 6         |           | 120,000     | 212.637,479 | 7.737.102,856 | 366,687 | 23°10'16" |
| 6+18,045  | PTV3      | 138,045     | 212.654,069 | 7.737.095,755 | 366,276 | 23°10'16" |
| 7         |           | 140,000     | 212.655,866 | 7.737.094,986 | 366,245 | 23°10'16" |
| 7+10,000  | PCV4      | 150,000     | 212.665,060 | 7.737.091,051 | 366,110 | 23°10'16" |
| 8         |           | 160,000     | 212.674,253 | 7.737.087,117 | 365,904 | 23°10'16" |
| 8+2,996   | PC4       | 162,996     | 212.677,007 | 7.737.085,938 | 365,808 | 23°10'16" |
| 8+10,000  | PTV4      | 170,000     | 212.683,470 | 7.737.083,239 | 365,579 | 22°09'28" |
| 9         |           | 180,000     | 212.692,778 | 7.737.079,585 | 365,254 | 20°42'40" |
| 10        | PCV5      | 200,000     | 212.711,656 | 7.737.072,987 | 364,326 | 17°49'02" |
| 11        |           | 220,000     | 212.730,844 | 7.737.067,351 | 363,811 | 14°55'25" |
| 12        | PTV5      | 240,000     | 212.750,291 | 7.737.062,690 | 364,696 | 12°01'47" |
| 12+10,000 | PCV6      | 250,000     | 212.760,097 | 7.737.060,730 | 365,445 | 10°34'59" |
| 13        |           | 260,000     | 212.769,948 | 7.737.059,017 | 366,051 | 9°08'10"  |
| 13+10,000 | PTV6      | 270,000     | 212.779,841 | 7.737.057,554 | 366,446 | 7°41'21"  |
| 14        |           | 280,000     | 212.789,767 | 7.737.056,342 | 366,913 | 6°14'33"  |
| 15        |           | 300,000     | 212.809,694 | 7.737.054,670 | 367,768 | 3°20'55"  |
| 15+6,647  | V7        | 306,647     | 212.816,333 | 7.737.054,337 | 367,950 | 2°06'10"  |
| 15+10,577 | PI-6      | 310,577     | 212.820,260 | 7.737.054,193 | 368,025 | 2°06'10"  |