|  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| EST. | PUNTO VISADO | ANGULO  Hor. | ANGULO  CENITAL | hS | hM | hI | H | Dist. | ΔY | ΔX | NORTE | ESTE | COTA |
| E1  h = 1,57 | E2 | 47º 20’ 12” | 80º 21’ 42” | 2,059 | 1,60 | 1,141 | 0,918 | 89,2266 | 60,4679 | 65,6126 | 1060,467 | 1065,612 | 115,122 |
| 1 | 58º 12’ 15” | 83º 47’ 13” | 1,890 | 1,481 | 1,072 | 0,818 | 80,8418 | 68,7100 | 42,5951 | 1068,710 | 1042,595 | 108,890 |
| 2 | 57º 05’ 28” | 83º 07’ 47” | 1,915 | 1,546 | 1,177 | 0,738 | 72,7439 | 39,5221 | 61,07114 | 1039,522 | 1061,071 | 108,788 |
| 3 | 63º 17’ 48” | 82º 52’ 15” | 1,852 | 1,441 | 1,030 | 0,822 | 80,9339 | 36,3693 | 72,3019 | 1036,369 | 1072,301 | 110,251 |
| E2  h = 1,58 | E1 | 227º 20’ 12” | 99º 10’ 55” | 2,737 | 2,280 | 1,822 | 0,915 | 89,1701 | -60,4296 | -65,5711 | 1000,038 | 1000,041 | 100,009 |
| E3 | 22º 58’ 32” | 83ª 33’ 00” | 2,448 | 1,940 | 1,433 | 1.015 | 100,2191 | 92,2688 | 39,1193 | 1152,736 | 1104,732 | 126,092 |
| 4 | 287º 33’ 01” | 87º 22’ 31” | 1,995 | 1,561 | 1,127 | 0,868 | 86,6179 | 26,1190 | -82,5861 | 1086,586 | 983,0265 | 119,112 |
| 5 | 246º 31’ 27” | 92º 30’ 11” | 2,227 | 1,786 | 1,345 | 0,882 | 88,0317 | -35,0685 | -80,7452 | 1025,399 | 984,8674 | 111,068 |
| E3  h = 1,60 | E2 | 202º 58’ 32” | 95º 34’ 41” | 3,288 | 2,782 | 2,276 | 1.012 | 100,2438 | -92,2916 | -39,1290 | 1060,445 | 1065,603 | 115,120 |
| 6 | 178º 12’ 34” | 91º 43’ 58” | 2,341 | 1,937 | 1,533 | 0,808 | 80,7261 | -80,6867 | 2,5223 | 1072,050 | 1107,254 | 123,313 |
| 7 | 210º 15’ 43” | 93º 12’ 12” | 2,224 | 1,775 | 1,326 | 0,898 | 89,5195 | -77,320 | -45,1137 | 1075,416 | 1059,618 | 120,907 |
| 6b | 187º 12’ 34” | 90º 43’ 58” | 2,341 | 1,937 | 1,533 | 0,808 | 80,7867 | -80,1480 | -10,1384 | 1072,588 | 1094,593 | 124,722 |
| 7b | 219º 15’ 43” | 92º 12’ 12” | 2,224 | 1,775 | 1,326 | 0,898 | 89,6672 | -69,4258 | -56,7474 | 1083,310 | 1047,984 | 122,468 |