

## SUPPLEMENTARY DATA

**Citation:** Palacio, P. A., Díaz, R. A., Vela, M. A., & Ossa, J. (2022). Hydrogeological potential in soft formations and hard rocks: A case study in the Cauca River Canyon, Antioquia, Colombia. *Boletín Geológico, 49*(1), 67-76. <https://doi.org/10.32685/0120-1425/bolgeol.49.1.2022.620>

**Table S1. Synthesis of groundwater points inventory information**

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 167-III-D-1  | Spring        | Abejorral    | Vereda                    | Naranjal               | 4722101   | 2195191    | CTM-12        | 1926           | Pzev                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 146-III-D-1  | Spring        | Amagá        | Vereda                    | El Cedro               | 4699418   | 2229328    | CTM-12        | 1661           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Very low                  | Secondary |
| 146-III-D-17 | Spring        | Amagá        | Vereda                    | El Cedro               | 4699682   | 2229065    | CTM-12        | 1496           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-III-D-18 | Spring        | Amagá        | Vereda                    | El Cedro               | 4699838   | 2228295    | CTM-12        | 1343           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 146-III-D-19 | Spring        | Amagá        | Vereda                    | El Cedro               | 4699594   | 2229389    | CTM-12        | 1694           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Primary   |
| 146-III-D-2  | Spring        | Amagá        | Vereda                    | Travesias              | 4697699   | 2227882    | CTM-12        | 1539           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 146-III-D-20 | Spring        | Amagá        | Vereda                    | El Cedro               | 4699631   | 2229340    | CTM-12        | 1572           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-IV-C-1   | Spring        | Amagá        | Cabecera municipal        | Casco urbano           | 4700771   | 2226594    | CTM-12        | 1343           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 146-IV-C-10  | Spring        | Amagá        | Vereda                    | Piedecuesta            | 4702314   | 2228685    | CTM-12        | 1635           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Primary   |
| 146-IV-C-11  | Spring        | Amagá        | Vereda                    | Nicanor Restrepo       | 4703038   | 2228458    | CTM-12        | 1788           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 146-IV-C-12  | Spring        | Amagá        | Vereda                    | Piedecuesta            | 4702481   | 2227578    | CTM-12        | 1505           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 146-IV-C-13  | Spring        | Amagá        | Vereda                    | Mani El Cardal         | 4702257   | 2228489    | CTM-12        | 1579           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 146-IV-C-2   | Spring        | Amagá        | Vereda                    | Nicanor Restrepo       | 4703736   | 2227891    | CTM-12        | 1810           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 146-IV-C-3   | Spring        | Amagá        | Vereda                    | Guali                  | 4701528   | 2227958    | CTM-12        | 1439           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 146-IV-C-9   | Piezometer    | Amagá        | Vereda                    | Guali                  | 4700531   | 2227208    | CTM-12        | 1327           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-1    | Spring        | Amagá        | Cabecera municipal        | Cabecera municipal     | 4700469   | 2225751    | CTM-12        | 1464           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-2    | Spring        | Amagá        | Corregimiento             | Camilo C               | 4700023   | 2224576    | CTM-12        | 1864           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 166-I-B-4    | Spring        | Amagá        | Vereda                    | Pueblo de los Sánchez  | 4700079   | 2223731    | CTM-12        | 1942           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 166-I-B-5    | Spring        | Amagá        | Vereda                    | Pueblo de los Sánchez  | 4699929   | 2223143    | CTM-12        | 2013           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 166-I-B-9    | Spring        | Amagá        | Vereda                    | Pueblo de los Bolvares | 4697452   | 2226182    | CTM-12        | 1999           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 166-II-A-25  | Spring        | Amagá        | Cabecera municipal        | Cabecera municipal     | 4700947   | 2226230    | CTM-12        | 1385           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-A-10  | Spring        | Amagá        | Vereda                    | Yarumal                | 4704454   | 2224341    | CTM-12        | 1918           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 166-II-A-11  | Spring        | Amagá        | Vereda                    | Nechi                  | 4703615   | 2223584    | CTM-12        | 1698           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 166-II-A-12  | Spring        | Amagá        | Vereda                    | Nechi                  | 4703505   | 2222161    | CTM-12        | 1341           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 166-II-A-13  | Spring        | Amagá        | Vereda                    | Nechi                  | 4703610   | 2222098    | CTM-12        | 1324           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 166-II-A-14  | Spring        | Amagá        | Vereda                    | Yarumal                | 4704321   | 2223333    | CTM-12        | 1836           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Primary   |
| 166-II-A-15  | Spring        | Amagá        | Vereda                    | Piedecuesta            | 4702149   | 2225367    | CTM-12        | 1502           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 166-II-A-17  | Spring        | Amagá        | Vereda                    | Yarumal                | 4705190   | 2223945    | CTM-12        | 1959           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Primary   |
| 166-II-A-2   | Spring        | Amagá        | Vereda                    | La Delgadita           | 4704080   | 2221711    | CTM-12        | 1283           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 166-II-A-26  | Spring        | Amagá        | Vereda                    | El Morro               | 4703165   | 2224407    | CTM-12        | 1636           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-A-27  | Spring        | Amagá        | Cabecera municipal        | Cabecera municipal     | 4700738   | 2226541    | CTM-12        | 1351           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-A-28  | Spring        | Amagá        | Cabecera municipal        | Cabecera municipal     | 4700969   | 2226143    | CTM-12        | 1390           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-A-3   | Spring        | Amagá        | Vereda                    | La Delgadita           | 4704041   | 2222328    | CTM-12        | 1416           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 166-II-A-4   | Spring        | Amagá        | Vereda                    | La Delgadita           | 4704396   | 2222117    | CTM-12        | 1551           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name     | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|----------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-II-A-5   | Spring        | Amagá        | Corregimiento             | Camilo C                   | 4701239    | 2224400     | CTM-12        | 1492           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-A-6   | Spring        | Amagá        | Vereda                    | Las Peñas                  | 4702834    | 2225916     | CTM-12        | 1475           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 166-II-A-7   | Spring        | Amagá        | Vereda                    | Yarumal                    | 4704069    | 2223124     | CTM-12        | 1761           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Secondary |
| 166-II-A-8   | Spring        | Amagá        | Vereda                    | Puebloito de los Sánchez   | 4700503    | 2222421     | CTM-12        | 1634           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 166-II-A-9   | Spring        | Amagá        | Vereda                    | Nechi                      | 4703213    | 2223632     | CTM-12        | 1548           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 166-III-A-21 | Spring        | Andes        | Vereda                    | La Florida                 | 4681399    | 2196915     | CTM-12        | 1652           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-C-1  | Spring        | Andes        | Vereda                    | California                 | 4677508    | 2187958     | CTM-12        | 1348           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-2  | Spring        | Andes        | Vereda                    | La Bodega                  | 4681960    | 2188512     | CTM-12        | 1398           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-C-22 | Spring        | Andes        | Vereda                    | San Carlos                 | 4684223    | 2188783     | CTM-12        | 1561           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-C-23 | Spring        | Andes        | Vereda                    | San Fernando / La Venenosa | 4684029    | 2188406     | CTM-12        | 1442           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-C-3  | Spring        | Andes        | Vereda                    | La Pradera                 | 4680311    | 2186860     | CTM-12        | 1389           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-D-2  | Spring        | Andes        | Vereda                    | Valle Umbria               | 4686234    | 2187941     | CTM-12        | 1960           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-D-26 | Spring        | Andes        | Vereda                    | Valle Umbria               | 4685903    | 2189477     | CTM-12        | 1809           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-D-3  | Spring        | Andes        | Vereda                    | Valle Umbria               | 4685839    | 2189712     | CTM-12        | 1793           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-1    | Spring        | Andes        | Vereda                    | Alto Cañaveral             | 4685313    | 2182546     | CTM-12        | 1940           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-14   | Spring        | Andes        | Vereda                    | San Pedro Abajo            | 4678734    | 2180642     | CTM-12        | 1699           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 186-I-A-15   | Spring        | Andes        | Cabecera municipal        | Cabecera municipal         | 4681322    | 2183445     | CTM-12        | 1345           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 186-I-A-16   | Spring        | Andes        | Cabecera municipal        | Cabecera municipal         | 4680893    | 2183845     | CTM-12        | 1344           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 186-I-A-17   | Spring        | Andes        | Cabecera municipal        | Cabecera municipal         | 4681616    | 2183165     | CTM-12        | 1291           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-A-2    | Spring        | Andes        | Vereda                    | El Líbano                  | 4677670    | 2182727     | CTM-12        | 1780           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 186-I-A-3    | Spring        | Andes        | Vereda                    | La Ermita                  | 4672476    | 2186599     | CTM-12        | 1722           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 186-I-A-4    | Spring        | Andes        | Vereda                    | El Líbano                  | 4678219    | 2182628     | CTM-12        | 1661           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 186-I-A-5    | Spring        | Andes        | Vereda                    | Cascajero                  | 4678645    | 2184944     | CTM-12        | 1630           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 186-I-A-6    | Spring        | Andes        | Vereda                    | Monte Blanco               | 4681840    | 2184697     | CTM-12        | 1306           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-7    | Spring        | Andes        | Vereda                    | San Bartolo                | 4684999    | 2181987     | CTM-12        | 1855           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-8    | Spring        | Andes        | Vereda                    | Monte Blanco               | 4681839    | 2184685     | CTM-12        | 1307           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-1    | Spring        | Andes        | Vereda                    | La Argentina               | 4685504    | 2185624     | CTM-12        | 1812           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-12   | Spring        | Andes        | Vereda                    | Alto Cañaveral             | 4686865    | 2183166     | CTM-12        | 1993           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-2    | Spring        | Andes        | Vereda                    | Alto Cañaveral             | 4685603    | 2184776     | CTM-12        | 1867           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-3    | Spring        | Andes        | Vereda                    | Alto Cañaveral             | 4685608    | 2184786     | CTM-12        | 1867           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-9    | Spring        | Andes        | Vereda                    | Alto Cañaveral             | 4685747    | 2183596     | CTM-12        | 1857           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 146-III-B-1  | Spring        | Angelópolis  | Vereda                    | La Cascajala               | 4698506    | 2236675     | CTM-12        | 1772           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 146-III-B-18 | Spring        | Angelópolis  | Vereda                    | La Cascajala               | 4697530    | 2236712     | CTM-12        | 1668           | Kiu                  | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 146-III-D-21 | Spring        | Angelópolis  | Vereda                    | San Isidro                 | 4699167    | 2234015     | CTM-12        | 2028           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 146-III-D-22 | Spring        | Angelópolis  | Vereda                    | Santa Rita                 | 4700151    | 2232927     | CTM-12        | 1784           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 146-III-D-23 | Spring        | Angelópolis  | Vereda                    | San Isidro                 | 4699186    | 2233609     | CTM-12        | 2043           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 146-III-D-24 | Spring        | Angelópolis  | Vereda                    | San Isidro                 | 4699051    | 2234178     | CTM-12        | 1995           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 146-III-D-25 | Spring        | Angelópolis  | Vereda                    | San Isidro                 | 4699011    | 2234129     | CTM-12        | 2022           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 146-III-D-26 | Spring        | Angelópolis  | Cabecera municipal        | Cabecera municipal         | 4699905    | 2234496     | CTM-12        | 1864           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 146-III-D-27 | Spring        | Angelópolis  | Vereda                    | San Isidro                 | 4699218    | 2233617     | CTM-12        | 2034           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 146-IV-C-14  | Spring        | Angelópolis  | Vereda                    | La Clara                   | 4701721    | 2232377     | CTM-12        | 1763           | TRga                 | Igneous     | N/A                     | N/A          | Low                       | Primary   |

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East coord. | North coord. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|-------------|--------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 146-IV-C-15  | Spring        | Angelópolis  | Vereda                    | La Clara               | 4700991     | 2233635      | CTM-12        | 1944           | Pzev                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 146-IV-C-16  | Spring        | Angelópolis  | Vereda                    | La Clara               | 4701271     | 2233410      | CTM-12        | 1929           | Pzev                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 146-IV-C-17  | Spring        | Angelópolis  | Vereda                    | La Clara               | 4701213     | 2234277      | CTM-12        | 1942           | Qcl                  | Deposits    | Primary                 | Low          | High                      | Primary   |
| 146-IV-C-18  | Spring        | Angelópolis  | Vereda                    | La Clara               | 4702827     | 2233829      | CTM-12        | 2029           | Kivng                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 146-I-A-1    | Spring        | Anzá         | Vereda                    | Los Llanos             | 4677428     | 2260765      | CTM-12        | 2140           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 146-I-A-2    | Hand-dug well | Anzá         | Vereda                    | Higuina                | 4685154     | 2257112      | CTM-12        | 516            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 146-I-A-3    | Hand-dug well | Anzá         | Vereda                    | Higuina                | 4685540     | 2256729      | CTM-12        | 510            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 146-I-C-1    | Spring        | Anzá         | Vereda                    | La Ciénaga             | 4671640     | 2251881      | CTM-12        | 2076           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 146-I-C-2    | Spring        | Anzá         | Vereda                    | Quiuna                 | 4672943     | 2252544      | CTM-12        | 2277           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 146-I-C-3    | Spring        | Anzá         | Vereda                    | El Pedrero             | 4677820     | 2255139      | CTM-12        | 1321           | Kslb                 | Sedimentary | Primary                 | Very low     | Low                       | Secondary |
| 146-I-C-4    | Spring        | Anzá         | Vereda                    | El Pedrero             | 4677335     | 2255138      | CTM-12        | 1411           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 146-I-C-5    | Spring        | Anzá         | Vereda                    | El Gredal              | 4675586     | 2255706      | CTM-12        | 1496           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 146-I-D-1    | Spring        | Anzá         | Vereda                    | Vendiaguál             | 4685600     | 2253365      | CTM-12        | 574            | Ngas                 | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 146-III-B-10 | Spring        | Armenia      | Vereda                    | Arbolitos              | 4688087     | 2237782      | CTM-12        | 1215           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-15 | Spring        | Armenia      | Vereda                    | Palo Blanco            | 4696201     | 2239504      | CTM-12        | 1830           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-III-B-16 | Spring        | Armenia      | Vereda                    | Palo Blanco            | 4696103     | 2239620      | CTM-12        | 1766           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-III-B-19 | Spring        | Armenia      | Vereda                    | Travesías              | 4693117     | 2239463      | CTM-12        | 1770           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 146-III-B-2  | Spring        | Armenia      | Vereda                    | Cartagüello            | 4692734     | 2240396      | CTM-12        | 1647           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-20 | Spring        | Armenia      | Vereda                    | La Quebra              | 4694372     | 2240586      | CTM-12        | 1351           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 146-III-B-21 | Spring        | Armenia      | Cabecera municipal        | Cabecera municipal     | 4691833     | 2238793      | CTM-12        | 1750           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 146-III-B-22 | Spring        | Armenia      | Cabecera municipal        | Cabecera municipal     | 4691540     | 2239361      | CTM-12        | 1765           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 146-III-B-3  | Spring        | Armenia      | Vereda                    | La Horcona             | 4694701     | 2240281      | CTM-12        | 1406           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 146-III-B-4  | Spring        | Armenia      | Vereda                    | Travesías              | 4693073     | 2238885      | CTM-12        | 1708           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-5  | Spring        | Armenia      | Vereda                    | La Horcona             | 4694292     | 2240197      | CTM-12        | 1481           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-6  | Spring        | Armenia      | Vereda                    | La Horcona             | 4694094     | 2239037      | CTM-12        | 1365           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-7  | Spring        | Armenia      | Vereda                    | Palmichal              | 4686653     | 2240554      | CTM-12        | 792            | Kivng                | Igneous     | Primary                 | Low          | Low                       | Secondary |
| 146-II-A-13  | Spring        | Bello        | Vereda                    | Llano de Ovejás        | 4706533     | 2264472      | CTM-12        | 2648           | Ksto                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-14  | Spring        | Bello        | Vereda                    | Llano de Ovejás        | 4706612     | 2264086      | CTM-12        | 2705           | Ksto                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-15  | Spring        | Bello        | Vereda                    | Llano de Ovejás        | 4706717     | 2265740      | CTM-12        | 2591           | Ksto                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-16  | Spring        | Bello        | Vereda                    | Ovejás                 | 4705125     | 2263352      | CTM-12        | 3071           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 165-IV-D-1   | Spring        | Betania      | Vereda                    | Taparó                 | 4670280     | 2189599      | CTM-12        | 1652           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 165-IV-D-2   | Spring        | Betania      | Vereda                    | La Sucúa               | 4670115     | 2193276      | CTM-12        | 1385           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 165-IV-D-3   | Spring        | Betania      | Vereda                    | Pedral arriba          | 4667608     | 2195029      | CTM-12        | 1700           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 165-IV-D-4   | Spring        | Betania      | Vereda                    | La Florida             | 4667970     | 2193886      | CTM-12        | 1790           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 165-IV-D-5   | Spring        | Betania      | Vereda                    | Travesías              | 4669814     | 2194463      | CTM-12        | 1668           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-C-10 | Spring        | Betania      | Vereda                    | La Ladera              | 4674485     | 2192719      | CTM-12        | 1330           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-11 | Spring        | Betania      | Vereda                    | La Libia               | 4676979     | 2191566      | CTM-12        | 1465           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East coord. | North coord. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|-------------|--------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-III-C-12 | Spring        | Betania      | Vereda                    | Taparró                | 4670522     | 2188651      | CTM-12        | 1566           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-III-C-13 | Spring        | Betania      | Vereda                    | Cajones                | 4676248     | 2189311      | CTM-12        | 1668           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-14 | Spring        | Betania      | Vereda                    | La Libia               | 4675607     | 2189894      | CTM-12        | 1735           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-19 | Spring        | Betania      | Vereda                    | La Libia               | 4677223     | 2191913      | CTM-12        | 1359           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-21 | Spring        | Betania      | Vereda                    | La Italia              | 4678690     | 2192038      | CTM-12        | 1317           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-C-24 | Spring        | Betania      | Vereda                    | Santa Ana              | 4670922     | 2191112      | CTM-12        | 1426           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-C-25 | Spring        | Betania      | Vereda                    | Los Aguacates          | 4672257     | 2192175      | CTM-12        | 1386           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-C-26 | Spring        | Betania      | Vereda                    | La Linda               | 4673089     | 2190756      | CTM-12        | 1650           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-C-27 | Spring        | Betania      | Vereda                    | Cañada honda           | 4675954     | 2194487      | CTM-12        | 1109           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-C-28 | Spring        | Betania      | Vereda                    | Cascajosa              | 4670592     | 2194300      | CTM-12        | 1407           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-C-29 | Spring        | Betania      | Vereda                    | Manga Grande           | 4672625     | 2196322      | CTM-12        | 1683           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-4  | Spring        | Betania      | Vereda                    | La Italia              | 4678498     | 2191916      | CTM-12        | 1401           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-5  | Spring        | Betania      | Vereda                    | Media Luna             | 4674008     | 2194969      | CTM-12        | 1450           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-9  | Spring        | Betania      | Vereda                    | La Ladera              | 4675039     | 2192683      | CTM-12        | 1488           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 185-II-B-1   | Spring        | Betania      | Vereda                    | La Rochela             | 4668238     | 2186039      | CTM-12        | 1867           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 145-IV-B-1   | Spring        | Betulia      | Vereda                    | Piñonal                | 4668151     | 2241630      | CTM-12        | 1973           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 145-IV-B-2   | Spring        | Betulia      | Vereda                    | La Iracala             | 4668621     | 2241276      | CTM-12        | 1953           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 145-IV-B-3   | Spring        | Betulia      | Vereda                    | El León                | 4666823     | 2236827      | CTM-12        | 1981           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 145-IV-B-4   | Spring        | Betulia      | Vereda                    | La Quebra              | 4665632     | 2243143      | CTM-12        | 2178           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 145-IV-D-1   | Spring        | Betulia      | Vereda                    | El León                | 4669673     | 2235561      | CTM-12        | 1648           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 146-III-A-1  | Spring        | Betulia      | Vereda                    | Cangrejo               | 4679772     | 2245787      | CTM-12        | 1066           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 146-III-A-2  | Spring        | Betulia      | Vereda                    | La Sucre               | 4675573     | 2238912      | CTM-12        | 1573           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 146-III-C-9  | Spring        | Betulia      | Vereda                    | Santa Rita             | 4676387     | 2235874      | CTM-12        | 2305           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 105-III-D-1  | Spring        | Briceno      | Vereda                    | Laderas                | 4723364     | 2352873      | CTM-12        | 1058           | Plmpt                | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 115-III-A-1  | Spring        | Buriticá     | Vereda                    | La Vega                | 4673452     | 2318566      | CTM-12        | 2011           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 115-III-C-1  | Spring        | Buriticá     | Vereda                    |                        | 4679214     | 2315079      | CTM-12        | 1880           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 115-III-C-2  | Spring        | Buriticá     | Vereda                    | La Cordillera          | 4676290     | 2313894      | CTM-12        | 2262           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 115-III-C-3  | Spring        | Buriticá     | Vereda                    | Tabacal                | 4677417     | 2311416      | CTM-12        | 1572           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 115-III-C-4  | Spring        | Buriticá     | Vereda                    | Tabacal                | 4678106     | 2310893      | CTM-12        | 1385           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-A-1    | Piezometer    | Buriticá     | Vereda                    | Los Asientos           | 4678531     | 2299479      | CTM-12        | 1780           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-10   | Piezometer    | Buriticá     | Vereda                    | Higabira               | 4680526     | 2299669      | CTM-12        | 1006           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-A-11   | Piezometer    | Buriticá     | Vereda                    | Los Asientos           | 4679015     | 2299383      | CTM-12        | 1743           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-12   | Spring        | Buriticá     | Vereda                    | Los Aados              | 4679426     | 2303229      | CTM-12        | 1853           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-A-13   | Spring        | Buriticá     | Vereda                    | Murrapal               | 4678031     | 2298048      | CTM-12        | 1831           | Kslb                 | Sedimentary | Primary                 | Very low     | Low                       | Secondary |
| 130-I-A-14   | Spring        | Buriticá     | Vereda                    | Murrapal               | 4677923     | 2298113      | CTM-12        | 1894           | Kslb                 | Sedimentary | Primary                 | Very low     | Low                       | Secondary |
| 130-I-A-16   | Spring        | Buriticá     | Vereda                    | El Naranjo             | 4679200     | 2299016      | CTM-12        | 1437           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-17   | Spring        | Buriticá     | Vereda                    | La Angelina            | 4684941     | 2298655      | CTM-12        | 644            | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-I-A-18   | Spring        | Buriticá     | Vereda                    | Murrapal               | 4677793     | 2298612      | CTM-12        | 1945           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-I-A-19   | Spring        | Buriticá     | Vereda                    | El Naranjo             | 4679885     | 2298548      | CTM-12        | 1208           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-A-2    | Piezometer    | Buriticá     | Vereda                    | Los Asientos           | 4678989     | 2299724      | CTM-12        | 1639           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |

| FUNIAS code | Type of point | Municipality | Type of population center | Population center name   | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|--------------|---------------------------|--------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-I-A-20  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4679269   | 2299874    | CTM-12        | 1535           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-21  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4677636   | 2299590    | CTM-12        | 2088           | Ists                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-I-A-22  | Spring        | Burticá      | Vereda                    | El Naranjo               | 4679556   | 2298675    | CTM-12        | 1242           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-A-23  | Well          | Burticá      | Vereda                    | Los Asientos             | 4679030   | 2300095    | CTM-12        | 1563           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-24  | Well          | Burticá      | Vereda                    | Los Asientos             | 4679023   | 2300094    | CTM-12        | 1563           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-25  | Spring        | Burticá      | Vereda                    | Murrupal                 | 4677486   | 2299134    | CTM-12        | 2168           | Ists                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-I-A-26  | Piezometer    | Burticá      | Vereda                    | Higabira                 | 4680422   | 2299180    | CTM-12        | 1083           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-A-27  | Spring        | Burticá      | Vereda                    | El Naranjo               | 4679229   | 2299524    | CTM-12        | 1653           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-28  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4679121   | 2299567    | CTM-12        | 1716           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-29  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4679019   | 2299596    | CTM-12        | 1704           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-3   | Piezometer    | Burticá      | Vereda                    | Los Asientos             | 4679259   | 2299699    | CTM-12        | 1610           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-30  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4678772   | 2299653    | CTM-12        | 1751           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-31  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4678920   | 2299632    | CTM-12        | 1669           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-32  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4679007   | 2299914    | CTM-12        | 1615           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-33  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4678904   | 2300161    | CTM-12        | 1549           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-34  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4678932   | 2300161    | CTM-12        | 1548           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-35  | Spring        | Burticá      | Vereda                    | Los Asientos             | 4679013   | 2299547    | CTM-12        | 1729           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-36  | Spring        | Burticá      | Vereda                    | Higabira                 | 4680526   | 2298983    | CTM-12        | 1095           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-A-37  | Spring        | Burticá      | Vereda                    | Higabira                 | 4678740   | 2299871    | CTM-12        | 1751           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Primary   |
| 130-I-A-38  | Spring        | Burticá      | Vereda                    | Higabira                 | 4680921   | 2300856    | CTM-12        | 861            | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-A-39  | Spring        | Burticá      | Vereda                    | Higabira                 | 4679643   | 2298059    | CTM-12        | 1325           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-A-4   | Piezometer    | Burticá      | Vereda                    | Los Asientos             | 4678510   | 2299599    | CTM-12        | 1832           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-40  | Spring        | Burticá      | Vereda                    | Higabira                 | 4679544   | 2298674    | CTM-12        | 1242           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-A-5   | Piezometer    | Burticá      | Vereda                    | El Naranjo               | 4679199   | 2299158    | CTM-12        | 1501           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Secondary |
| 130-I-A-6   | Piezometer    | Burticá      | Vereda                    | Los Asientos             | 4678709   | 2299503    | CTM-12        | 1749           | Pgab                 | Igneous     | Secondary by fracturing | Low          | Medium                    | Primary   |
| 130-I-A-7   | Piezometer    | Burticá      | Vereda                    | Higabira                 | 4679977   | 2298878    | CTM-12        | 1154           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-I-A-8   | Piezometer    | Burticá      | Vereda                    | Higabira                 | 4680421   | 2299174    | CTM-12        | 1083           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-I-A-9   | Piezometer    | Burticá      | Vereda                    | Higabira                 | 4679724   | 2298997    | CTM-12        | 1274           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 129-IV-D-1  | Spring        | Caicedo      | Vereda                    | La García                | 4669015   | 2272643    | CTM-12        | 2410           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 129-IV-D-2  | Spring        | Caicedo      | Vereda                    | La García                | 4669537   | 2271531    | CTM-12        | 2115           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 129-IV-D-3  | Spring        | Caicedo      | Vereda                    | Los Saucos               | 4669463   | 2271167    | CTM-12        | 2024           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 129-IV-D-4  | Spring        | Caicedo      | Vereda                    | Bella Aguada - Los Pinos | 4669978   | 2268273    | CTM-12        | 2217           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 129-IV-D-5  | Spring        | Caicedo      | Vereda                    | Aseí                     | 4669677   | 2267792    | CTM-12        | 1994           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 129-IV-D-6  | Spring        | Caicedo      | Vereda                    | Aseí                     | 4669749   | 2268062    | CTM-12        | 2127           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 145-II-B-1  | Spring        | Caicedo      | Vereda                    | La Noque                 | 4667884   | 2265121    | CTM-12        | 2009           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 145-II-B-2  | Spring        | Caicedo      | Vereda                    | El Tambor                | 4668096   | 2266041    | CTM-12        | 2050           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 146-I-A-4   | Spring        | Caicedo      | Vereda                    | La Manga                 | 4671192   | 2266275    | CTM-12        | 1866           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |

| FUNIAS code | Type of point | Municipality   | Type of population center | Population center name      | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type                   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|----------------|---------------------------|-----------------------------|------------|-------------|---------------|----------------|----------------------|-----------------------------|-------------------------|--------------|---------------------------|-----------|
| 146-IV-C-4  | Spring        | Caldas         | Vereda                    | Salinas                     | 4705140    | 2227430     | CTM-12        | 1872           | TRga                 | Igneous                     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 146-IV-C-5  | Spring        | Caldas         | Vereda                    | Salinas                     | 4704389    | 2227158     | CTM-12        | 1812           | TRga                 | Igneous                     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 146-IV-C-6  | Spring        | Caldas         | Vereda                    | Salinas                     | 4705488    | 2227426     | CTM-12        | 1788           | Qcl                  | Deposits                    | Primary                 | Medium       | High                      | Secondary |
| 146-IV-C-7  | Spring        | Caldas         | Vereda                    | La Chuscala                 | 4706902    | 2228241     | CTM-12        | 1903           | Kivng                | Volcano-sedime <sup>a</sup> | Secondary by fracturing | Very low     | Low                       | Secondary |
| 146-IV-C-8  | Spring        | Caldas         | Vereda                    | La Chuscala                 | 4706857    | 2228337     | CTM-12        | 1931           | Kivng                | Volcano-sedime <sup>a</sup> | Secondary by fracturing | Very low     | Low                       | Secondary |
| 166-II-A-18 | Spring        | Caldas         | Vereda                    | Sinifaná                    | 4706448    | 2221324     | CTM-12        | 1784           | TRga                 | Igneous                     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 166-II-A-19 | Spring        | Caldas         | Vereda                    | Sinifaná                    | 4706142    | 2222614     | CTM-12        | 1909           | TRga                 | Igneous                     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 166-II-A-20 | Spring        | Caldas         | Vereda                    | Sinifaná                    | 4706306    | 2221550     | CTM-12        | 1851           | TRga                 | Igneous                     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 186-II-C-10 | Spring        | Caramanta      | Vereda                    | Olibales                    | 4707093    | 2172279     | CTM-12        | 2173           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-11 | Spring        | Caramanta      | Vereda                    | Peladeros                   | 4707641    | 2171708     | CTM-12        | 2154           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-12 | Spring        | Caramanta      | Vereda                    | Conde                       | 4703437    | 2174269     | CTM-12        | 2083           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-14 | Spring        | Caramanta      | Cabecera municipal        | Cabecera municipal          | 4707141    | 2171961     | CTM-12        | 2147           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Primary   |
| 186-II-C-15 | Spring        | Caramanta      | Cabecera municipal        | Cabecera municipal          | 4706888    | 2171736     | CTM-12        | 2100           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Primary   |
| 186-II-C-16 | Spring        | Caramanta      | Vereda                    | Peladeros                   | 4708429    | 2173038     | CTM-12        | 2118           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Primary   |
| 186-II-C-17 | Spring        | Caramanta      | Vereda                    | Buenos Aires                | 4710223    | 2174393     | CTM-12        | 2118           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Primary   |
| 186-II-C-18 | Spring        | Caramanta      | Vereda                    | Buenos Aires                | 4710042    | 2174489     | CTM-12        | 2075           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Primary   |
| 186-II-C-19 | Spring        | Caramanta      | Vereda                    | La Unión                    | 4710273    | 2172063     | CTM-12        | 2073           | Ngas                 | Sedimentary                 | Primary                 | High         | High                      | Primary   |
| 186-II-C-20 | Spring        | Caramanta      | Vereda                    | La Frisoleira               | 4711265    | 2171234     | CTM-12        | 1875           | Ngas                 | Sedimentary                 | Primary                 | High         | High                      | Primary   |
| 186-II-C-21 | Spring        | Caramanta      | Vereda                    | La Unión                    | 4710792    | 2171733     | CTM-12        | 1978           | Ngas                 | Sedimentary                 | Primary                 | High         | High                      | Primary   |
| 186-II-C-22 | Spring        | Caramanta      | Cabecera municipal        | Cabecera municipal          | 4707241    | 2171773     | CTM-12        | 2135           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Primary   |
| 186-II-C-23 | Spring        | Caramanta      | Cabecera municipal        | Cabecera municipal          | 4707406    | 2171865     | CTM-12        | 2137           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Primary   |
| 186-II-C-7  | Spring        | Caramanta      | Vereda                    | Buenos Aires                | 4709604    | 2173869     | CTM-12        | 2298           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-9  | Spring        | Caramanta      | Vereda                    | Olibales                    | 4707049    | 2172314     | CTM-12        | 2174           | Ngc                  | Sedimentary                 | Primary                 | Medium       | High                      | Secondary |
| 165-III-D-1 | Spring        | Ciudad Bolívar | Vereda                    | Manzanillo                  | 4665335    | 2208586     | CTM-12        | 1485           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-III-D-2 | Spring        | Ciudad Bolívar | Vereda                    | San Miguel                  | 4669939    | 2207923     | CTM-12        | 1430           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-III-D-5 | Spring        | Ciudad Bolívar | Vereda                    | Bolívar Arriba              | 4662466    | 2213024     | CTM-12        | 2035           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Primary   |
| 165-IV-B-1  | Spring        | Ciudad Bolívar | Vereda                    | La Arboleada                | 4669178    | 2199828     | CTM-12        | 1217           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-IV-B-2  | Spring        | Ciudad Bolívar | Vereda                    | La Sucia                    | 4663670    | 2204883     | CTM-12        | 1326           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-IV-B-3  | Spring        | Ciudad Bolívar | Vereda                    | La Arboleada                | 4667128    | 2199206     | CTM-12        | 1322           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-IV-B-4  | Spring        | Ciudad Bolívar | Vereda                    | La Arboleada                | 4666931    | 2197797     | CTM-12        | 1462           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-IV-B-5  | Spring        | Ciudad Bolívar | Vereda                    | La Sucia                    | 4662592    | 2204086     | CTM-12        | 1590           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-IV-B-6  | Spring        | Ciudad Bolívar | Vereda                    | La Carmina                  | 4667026    | 2205693     | CTM-12        | 1251           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 165-IV-B-7  | Spring        | Ciudad Bolívar | Vereda                    | El Ardedero - Farallones    | 4663227    | 2199328     | CTM-12        | 1630           | Qal                  | Deposits                    | Primary                 | High         | Very high                 | Primary   |
| 165-IV-B-8  | Spring        | Ciudad Bolívar | Vereda                    | El Sitencio - Farallones    | 4664729    | 2199502     | CTM-12        | 1446           | Qal                  | Deposits                    | Primary                 | High         | Very high                 | Secondary |
| 165-IV-B-9  | Spring        | Ciudad Bolívar | Vereda                    | Los Billares                | 4666074    | 2202756     | CTM-12        | 1540           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Primary   |
| 166-I-C-2   | Spring        | Ciudad Bolívar | Vereda                    | La Hondura                  | 4672909    | 2211682     | CTM-12        | 1972           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |
| 166-I-C-6   | Spring        | Ciudad Bolívar | Vereda                    | Aguas Frias - Alfonso López | 4672057    | 2211284     | CTM-12        | 2000           | Ksu                  | Sedimentary                 | Primary                 | Very low     | High                      | Secondary |

| FUNIAS code  | Type of point | Municipality   | Type of population center | Population center name       | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|----------------|---------------------------|------------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-III-A-1  | Spring        | Ciudad Bolívar | Vereda                    | La Angostura                 | 4672087    | 2200625     | CTM-12        | 1182           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-A-16 | Spring        | Ciudad Bolívar | Vereda                    | Remolino                     | 4677272    | 2201940     | CTM-12        | 1141           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 145-IV-D-3   | Spring        | Concordia      | Vereda                    | La Comia                     | 4668687    | 2229734     | CTM-12        | 2205           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 145-IV-D-4   | Spring        | Concordia      | Vereda                    | La Comia                     | 4668718    | 2230098     | CTM-12        | 2229           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 145-IV-D-5   | Spring        | Concordia      | Vereda                    | Morelia sector San Pacho     | 4669361    | 2228849     | CTM-12        | 2160           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 146-III-C-10 | Spring        | Concordia      | Vereda                    | Morron                       | 4681140    | 2231718     | CTM-12        | 1403           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 146-III-C-11 | Spring        | Concordia      | Vereda                    | Yarumal                      | 4679312    | 2227880     | CTM-12        | 1961           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 146-III-C-2  | Spring        | Concordia      | Vereda                    | Burgos sector La Arboleda    | 4672565    | 2233616     | CTM-12        | 2200           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 146-III-C-3  | Spring        | Concordia      | Vereda                    | Yarumal                      | 4678091    | 2228553     | CTM-12        | 2049           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 146-III-C-4  | Spring        | Concordia      | Vereda                    | Ventanas                     | 4676859    | 2229079     | CTM-12        | 1729           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 146-III-C-5  | Spring        | Concordia      | Vereda                    | La Cristalina                | 4676381    | 2229434     | CTM-12        | 1409           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 146-III-C-6  | Spring        | Concordia      | Vereda                    | Caunzal                      | 4672647    | 2227750     | CTM-12        | 1820           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 146-III-C-7  | Spring        | Concordia      | Vereda                    | La Cristalina                | 4675361    | 2234692     | CTM-12        | 2090           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-A-1    | Spring        | Concordia      | Vereda                    | El Chocho                    | 4671808    | 2230502     | CTM-12        | 1764           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-I-A-10   | Spring        | Concordia      | Corregimiento             | La Costa                     | 4681429    | 2222324     | CTM-12        | 1514           | Ngc                  | Igneous     | Primary                 | Medium       | High                      | Primary   |
| 166-I-A-12   | Spring        | Concordia      | Vereda                    | El Golpe                     | 4684340    | 2222569     | CTM-12        | 1065           | Ngc                  | Igneous     | Primary                 | Medium       | High                      | Primary   |
| 166-I-A-13   | Spring        | Concordia      | Vereda                    | La Selva                     | 4682939    | 2221308     | CTM-12        | 1398           | Ngc                  | Igneous     | Primary                 | Medium       | High                      | Primary   |
| 166-I-A-14   | Spring        | Concordia      | Vereda                    | La Selva                     | 4682860    | 2221284     | CTM-12        | 1332           | Ngc                  | Igneous     | Primary                 | Medium       | High                      | Secondary |
| 166-I-A-2    | Spring        | Concordia      | Vereda                    | Las Animas sector palo santo | 4676750    | 2223895     | CTM-12        | 1927           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-I-A-3    | Spring        | Concordia      | Vereda                    | San Luis                     | 4675789    | 2225167     | CTM-12        | 2135           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-I-A-4    | Spring        | Concordia      | Vereda                    | Pueblo Rico                  | 4678729    | 2225742     | CTM-12        | 1889           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-A-5    | Spring        | Concordia      | Corregimiento             | El Golpe                     | 4683800    | 2222369     | CTM-12        | 1147           | Ngc                  | Igneous     | Primary                 | Medium       | High                      | Secondary |
| 166-I-A-6    | Spring        | Concordia      | Vereda                    | Pueblo Rico                  | 4679827    | 2223883     | CTM-12        | 1811           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-A-7    | Spring        | Concordia      | Vereda                    | San Luis                     | 4675910    | 2224911     | CTM-12        | 2061           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-I-A-8    | Spring        | Concordia      | Vereda                    | El Cascajo                   | 4679550    | 2221196     | CTM-12        | 1522           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-A-9    | Spring        | Concordia      | Vereda                    | Pueblo Rico                  | 4680206    | 2222282     | CTM-12        | 1804           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-B-17   | Hand-dug well | Concordia      | Corregimiento             | El Golpe                     | 4685572    | 2222530     | CTM-12        | 559            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 146-I-B-10   | Spring        | Ebéjico        | Vereda                    | Quirimara Rodeo              | 4692417    | 2261926     | CTM-12        | 950            | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 146-I-B-11   | Spring        | Ebéjico        | Vereda                    | Quirimara Rodeo              | 4687516    | 2265380     | CTM-12        | 684            | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 146-I-B-12   | Spring        | Ebéjico        | Vereda                    | Guayabal                     | 4690676    | 2265374     | CTM-12        | 1053           | Kidp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 146-I-B-13   | Spring        | Ebéjico        | Vereda                    | Blanquizal                   | 4695407    | 2259945     | CTM-12        | 1332           | Pzes                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-B-2    | Spring        | Ebéjico        | Vereda                    | Blanquizal                   | 4695481    | 2260051     | CTM-12        | 1495           | Pzes                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-B-3    | Spring        | Ebéjico        | Vereda                    | Blanquizal                   | 4695543    | 2260088     | CTM-12        | 1465           | Pzes                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-B-4    | Spring        | Ebéjico        | Vereda                    | Filo de San José             | 4694168    | 2259922     | CTM-12        | 1323           | Pzes                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-B-5    | Spring        | Ebéjico        | Vereda                    | Blanquizal                   | 4695443    | 2260288     | CTM-12        | 1411           | Pzes                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-B-6    | Spring        | Ebéjico        | Vereda                    | Blanquizal                   | 4695789    | 2258796     | CTM-12        | 1502           | Pzes                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-B-7    | Spring        | Ebéjico        | Vereda                    | El Socorro                   | 4694729    | 2257249     | CTM-12        | 1339           | Pzes                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-B-8    | Spring        | Ebéjico        | Vereda                    | La Holanda                   | 4694052    | 2258615     | CTM-12        | 1210           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |

| FUNIAS code | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 146-I-D-2   | Spring        | Ebéjico      | Vereda                    | El Palón               | 4691588    | 2253490     | CTM-12        | 1569           | Kíca                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 146-I-D-3   | Spring        | Ebéjico      | Vereda                    | Charrascal             | 4691618    | 2254536     | CTM-12        | 1559           | Kíca                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 146-I-D-4   | Spring        | Ebéjico      | Vereda                    | La Clara               | 4694933    | 2251935     | CTM-12        | 1784           | Kídp                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Primary   |
| 146-I-D-5   | Spring        | Ebéjico      | Vereda                    | La Aguada              | 4699284    | 2251257     | CTM-12        | 2704           | Kívgg                | Igneous     | Primary                 | Low          | Low                       | Secondary |
| 146-I-D-7   | Spring        | Ebéjico      | Vereda                    | Charrascal             | 4692066    | 2256410     | CTM-12        | 1466           | Kíca                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-D-8   | Spring        | Ebéjico      | Vereda                    | Charrascal             | 4692789    | 2256141     | CTM-12        | 1353           | Kíca                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-I-D-9   | Spring        | Ebéjico      | Vereda                    | La Comunidad           | 4694769    | 2254813     | CTM-12        | 1478           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-D-1   | Spring        | Fredonia     | Corregimiento             | Puente Iglesias        | 4700030    | 2208598     | CTM-12        | 924            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-D-17  | Spring        | Fredonia     | Vereda                    | La Mina                | 4697310    | 2212689     | CTM-12        | 1718           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-18  | Spring        | Fredonia     | Vereda                    | La Mina                | 4696523    | 2213570     | CTM-12        | 1802           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-2   | Spring        | Fredonia     | Vereda                    | Cadenas                | 4697159    | 2210808     | CTM-12        | 1320           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-3   | Spring        | Fredonia     | Vereda                    | Buenos Aires           | 4699528    | 2212932     | CTM-12        | 2037           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-4   | Spring        | Fredonia     | Vereda                    | Buenos Aires           | 4699428    | 2212820     | CTM-12        | 1957           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-5   | Spring        | Fredonia     | Vereda                    | Buenos Aires           | 4700193    | 2212544     | CTM-12        | 1815           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-6   | Spring        | Fredonia     | Vereda                    | Morron                 | 4695546    | 2209379     | CTM-12        | 747            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-A-16 | Spring        | Fredonia     | Vereda                    | Jonas                  | 4702925    | 2219279     | CTM-12        | 1156           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 166-II-A-21 | Spring        | Fredonia     | Vereda                    | El Cerro               | 4702166    | 2217325     | CTM-12        | 1476           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 166-II-C-1  | Spring        | Fredonia     | Vereda                    | Combia Grande          | 4703725    | 2212200     | CTM-12        | 1933           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-10 | Spring        | Fredonia     | Vereda                    | Murrupal               | 4701181    | 2211300     | CTM-12        | 1627           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-11 | Spring        | Fredonia     | Vereda                    | El Zancudo             | 4706092    | 2209565     | CTM-12        | 1494           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-12 | Spring        | Fredonia     | Vereda                    | Sabalatas              | 4704470    | 2215463     | CTM-12        | 1551           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-13 | Spring        | Fredonia     | Cabecera municipal        | Cabecera municipal     | 4703173    | 2214389     | CTM-12        | 1810           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-14 | Spring        | Fredonia     | Vereda                    | El Zancudo             | 4705264    | 2209875     | CTM-12        | 1830           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-15 | Spring        | Fredonia     | Vereda                    | El Zancudo             | 4706024    | 2209412     | CTM-12        | 1506           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-16 | Spring        | Fredonia     | Vereda                    | Aguacatal              | 4706993    | 2210484     | CTM-12        | 1400           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 166-II-C-17 | Spring        | Fredonia     | Vereda                    | Marsella               | 4702251    | 2206992     | CTM-12        | 1363           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-18 | Spring        | Fredonia     | Vereda                    | Murrupal               | 4702096    | 2211189     | CTM-12        | 1707           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-19 | Spring        | Fredonia     | Vereda                    | Combia Grande          | 4702905    | 2211653     | CTM-12        | 1827           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-2  | Spring        | Fredonia     | Vereda                    | Combia Grande          | 4703072    | 2212007     | CTM-12        | 1847           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-20 | Spring        | Fredonia     | Vereda                    | Combia Chiquita        | 4703134    | 2212839     | CTM-12        | 1821           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-21 | Spring        | Fredonia     | Vereda                    | El Zancudo             | 4705183    | 2209804     | CTM-12        | 1877           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-22 | Spring        | Fredonia     | Vereda                    | Marsella               | 4704633    | 2207031     | CTM-12        | 1645           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-23 | Spring        | Fredonia     | Vereda                    | Hoyo Frio              | 4704179    | 2207754     | CTM-12        | 1940           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-24 | Spring        | Fredonia     | Vereda                    | Marsella               | 4702325    | 2207787     | CTM-12        | 1491           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-25 | Spring        | Fredonia     | Vereda                    | Sabalatas              | 4703910    | 2214779     | CTM-12        | 1748           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-26 | Spring        | Fredonia     | Vereda                    | Travesías              | 4706069    | 2215183     | CTM-12        | 1791           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 166-II-C-27 | Spring        | Fredonia     | Vereda                    | Combia Grande          | 4703544    | 2211055     | CTM-12        | 1846           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-28 | Spring        | Fredonia     | Vereda                    | El Zancudo             | 4705764    | 2209443     | CTM-12        | 1553           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-29 | Spring        | Fredonia     | Vereda                    | El Calvario            | 4704910    | 2207829     | CTM-12        | 1658           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-II-C-3  | Spring        | Fredonia     | Vereda                    | Murrupal               | 4702204    | 2211193     | CTM-12        | 1707           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-II-C-31 | Hand-dug well | Fredonia     | Vereda                    | Combia Grande          | 4702825    | 2211676     | CTM-12        | 1808           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-II-C-32 | Hand-dug well | Fredonia     | Vereda                    | Combia Chiquita        | 4703863    | 2213453     | CTM-12        | 2003           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |



| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-II-C-33  | Gallery       | Fredonia     | Cabecera municipal        | Cabecera municipal     | 4704091    | 2213606     | CTM-12        | 1874           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 166-II-C-34  | Spring        | Fredonia     | Vereda                    | Cambia Grande          | 4702801    | 2211688     | CTM-12        | 1806           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-II-C-35  | Spring        | Fredonia     | Vereda                    | Cambia Chiquita        | 4703813    | 2213409     | CTM-12        | 1986           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-36  | Spring        | Fredonia     | Vereda                    | El Zancudo             | 4705748    | 2209410     | CTM-12        | 1557           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-4   | Spring        | Fredonia     | Vereda                    | Buenos Aires           | 4701617    | 2213536     | CTM-12        | 1909           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-5   | Spring        | Fredonia     | Vereda                    | La Maria               | 4707036    | 2207723     | CTM-12        | 1305           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-II-C-6   | Spring        | Fredonia     | Vereda                    | Murrupal               | 4701434    | 2211254     | CTM-12        | 1675           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-7   | Spring        | Fredonia     | Vereda                    | Cambia Grande          | 4703804    | 2212072     | CTM-12        | 1978           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-8   | Spring        | Fredonia     | Vereda                    | Marsella               | 4702227    | 2207434     | CTM-12        | 1444           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-II-C-9   | Spring        | Fredonia     | Vereda                    | Marsella               | 4702310    | 2207100     | CTM-12        | 1407           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-27 | Hand-dug well | Fredonia     | Vereda                    | Puente Iglesias        | 4700247    | 2203065     | CTM-12        | 599            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 166-III-B-28 | Hand-dug well | Fredonia     | Vereda                    | Puente Iglesias        | 4700247    | 2203074     | CTM-12        | 600            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-A-10  | Well          | Fredonia     | Vereda                    |                        | 4702907    | 2204836     | CTM-12        | 1144           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-A-11  | Hand-dug well | Fredonia     | Vereda                    | Puente Iglesias        | 4703918    | 2201234     | CTM-12        | 602            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-A-12  | Spring        | Fredonia     | Vereda                    | Puente Iglesias        | 4702084    | 2204229     | CTM-12        | 767            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-A-13  | Spring        | Fredonia     | Vereda                    | Marsella               | 4700613    | 2205570     | CTM-12        | 812            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 166-IV-A-6   | Spring        | Fredonia     | Vereda                    | Marsella               | 4704515    | 2205246     | CTM-12        | 1342           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-IV-A-7   | Spring        | Fredonia     | Vereda                    | Marsella               | 4703916    | 2206086     | CTM-12        | 1463           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 130-I-A-15   | Spring        | Giraldó      | Vereda                    | Tinajitas              | 4677341    | 2298480     | CTM-12        | 2243           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 146-I-D-10   | Spring        | Heliconia    | Vereda                    | Monte dentro           | 4697358    | 2248904     | CTM-12        | 1951           | Ksdh                 | Igneous     | N/A                     | N/A          | Medium                    | Secondary |
| 146-I-D-6    | Spring        | Heliconia    | Vereda                    | La Pradera             | 4693232    | 2248733     | CTM-12        | 1963           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-11 | Spring        | Heliconia    | Vereda                    | Pueblito               | 4700069    | 2240706     | CTM-12        | 1867           | Kisqg                | Sedimentary | Primary                 | Low          | Low                       | Secondary |
| 146-III-B-12 | Spring        | Heliconia    | Vereda                    | Joly - Tablazo         | 4696629    | 2245024     | CTM-12        | 1422           | Ktiu                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-III-B-13 | Spring        | Heliconia    | Vereda                    | Alto del Corral        | 4691718    | 2244656     | CTM-12        | 1306           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-14 | Spring        | Heliconia    | Vereda                    | Guamal                 | 4696706    | 2259720     | CTM-12        | 1878           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Primary   |
| 146-III-B-17 | Spring        | Heliconia    | Vereda                    | Pueblito               | 4699220    | 2259866     | CTM-12        | 1711           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 146-III-B-23 | Spring        | Heliconia    | Vereda                    | Morritos               | 4699805    | 2245053     | CTM-12        | 2096           | Kivag                | Igneous     | Primary                 | Low          | Low                       | Secondary |
| 146-III-B-24 | Spring        | Heliconia    | Vereda                    | Pueblo Viejo           | 4700164    | 2259734     | CTM-12        | 1922           | Ksdh                 | Igneous     | N/A                     | N/A          | Medium                    | Secondary |
| 146-III-B-25 | Spring        | Heliconia    | Cabecera municipal        | Cabecera municipal     | 4696891    | 2243588     | CTM-12        | 1615           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 146-III-B-8  | Spring        | Heliconia    | Vereda                    | Alto del Corral        | 4694025    | 2243878     | CTM-12        | 1788           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-III-B-9  | Spring        | Heliconia    | Vereda                    | Alto del Corral        | 4693221    | 2244649     | CTM-12        | 1782           | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 146-IV-A-1   | Spring        | Heliconia    | Vereda                    | Pueblito               | 4700914    | 2240855     | CTM-12        | 2143           | Kivag                | Igneous     | Primary                 | Low          | Low                       | Primary   |
| 146-IV-A-2   | Spring        | Heliconia    | Vereda                    | Chuscal                | 4701165    | 2240814     | CTM-12        | 2178           | Kivag                | Igneous     | Primary                 | Low          | Low                       | Primary   |
| 146-IV-A-3   | Spring        | Heliconia    | Vereda                    | Pueblito               | 4700974    | 2240743     | CTM-12        | 2178           | Kivag                | Igneous     | Primary                 | Low          | Low                       | Secondary |
| 146-IV-A-4   | Spring        | Heliconia    | Vereda                    | Morritos               | 4700930    | 2244784     | CTM-12        | 2224           | Kivag                | Igneous     | Primary                 | Low          | Low                       | Primary   |
| 146-IV-A-5   | Spring        | Heliconia    | Vereda                    | Pueblito               | 4700898    | 2241157     | CTM-12        | 2164           | Kivag                | Igneous     | Primary                 | Low          | Low                       | Primary   |
| 166-III-A-10 | Spring        | Hispania     | Vereda                    | El Silencio            | 4678958    | 2200315     | CTM-12        | 960            | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 166-III-A-17 | Spring        | Hispania     | Vereda                    | Zarzagueta             | 4680345    | 2201793     | CTM-12        | 1336           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-18 | Spring        | Hispania     | Vereda                    | Zarzagueta             | 4680561    | 2203539     | CTM-12        | 1400           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-2  | Spring        | Hispania     | Cabecera municipal        | Cabecera municipal     | 4677941    | 2199551     | CTM-12        | 1016           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-III-A-22 | Spring        | Hispania     | Vereda                    | ELllanete              | 4681379    | 2198310     | CTM-12        | 1766           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-23 | Spring        | Hispania     | Vereda                    | La Palmira             | 4675283    | 2199192     | CTM-12        | 1200           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-A-24 | Spring        | Hispania     | Vereda                    | La Seca                | 4676897    | 2197276     | CTM-12        | 1203           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-A-25 | Spring        | Hispania     | Cabecera municipal        | Cabecera municipal     | 4677810    | 2199431     | CTM-12        | 1067           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-III-A-3  | Spring        | Hispania     | Vereda                    | Zarzagueta             | 4678302    | 2203741     | CTM-12        | 788            | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Primary   |
| 166-III-A-4  | Spring        | Hispania     | Vereda                    | ELSilencio             | 4680793    | 2200460     | CTM-12        | 1215           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-5  | Spring        | Hispania     | Vereda                    | ELllanete              | 4680940    | 2197751     | CTM-12        | 1638           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-6  | Spring        | Hispania     | Vereda                    | Cortaderal             | 4674298    | 2199188     | CTM-12        | 1349           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-A-7  | Spring        | Hispania     | Vereda                    | Cortaderal             | 4675992    | 2200275     | CTM-12        | 1169           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-A-8  | Spring        | Hispania     | Vereda                    | Cortaderal             | 4674751    | 2198075     | CTM-12        | 1507           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-A-9  | Spring        | Hispania     | Cabecera municipal        | Cabecera municipal     | 4678162    | 2199550     | CTM-12        | 1003           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-C-15 | Spring        | Hispania     | Vereda                    | La Florida             | 4680123    | 2196348     | CTM-12        | 1307           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-C-16 | Spring        | Hispania     | Vereda                    | La Armenia             | 4675335    | 2196052     | CTM-12        | 1355           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-20 | Spring        | Hispania     | Vereda                    | Mina Vieja             | 4677256    | 2195059     | CTM-12        | 1049           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-III-C-6  | Spring        | Hispania     | Vereda                    | Mina Vieja             | 4676835    | 2195168     | CTM-12        | 1139           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-7  | Spring        | Hispania     | Vereda                    | Mina Vieja             | 4676819    | 2195028     | CTM-12        | 1097           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-III-C-8  | Spring        | Hispania     | Vereda                    | Mina Vieja             | 4676770    | 2195267     | CTM-12        | 1190           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 104-IV-A-1   | Spring        | Ituango      | Vereda                    | Tinajas                | 4709043    | 2359556     | CTM-12        | 2074           | Pzin                 | Metamorphic | Secondary by fracturing | Medium       | Medium                    | Secondary |
| 186-I-A-10   | Spring        | Jardín       | Vereda                    | San Bartolo            | 4683502    | 2180726     | CTM-12        | 1619           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-11   | Spring        | Jardín       | Vereda                    | San Bartolo            | 4683480    | 2180755     | CTM-12        | 1623           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-12   | Spring        | Jardín       | Vereda                    | Caramanta              | 4682683    | 2178437     | CTM-12        | 1752           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-13   | Spring        | Jardín       | Vereda                    | ELTapado               | 4684746    | 2178764     | CTM-12        | 1841           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-A-9    | Spring        | Jardín       | Vereda                    | Caramanta              | 4682408    | 2178765     | CTM-12        | 1759           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-13   | Hand-dug well | Jardín       | Cabecera municipal        | Cabecera municipal     | 4688012    | 2177238     | CTM-12        | 1809           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-14   | Spring        | Jardín       | Vereda                    | La Salada              | 4689620    | 2179189     | CTM-12        | 1980           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-15   | Spring        | Jardín       | Vereda                    | La Selva               | 4689892    | 2179705     | CTM-12        | 1951           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-16   | Spring        | Jardín       | Cabecera municipal        | Cabecera municipal     | 4688266    | 2177041     | CTM-12        | 1824           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-5    | Spring        | Jardín       | Vereda                    | La Linda               | 4686697    | 2178502     | CTM-12        | 1804           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-6    | Spring        | Jardín       | Vereda                    | Morro Amarillo         | 4685998    | 2180370     | CTM-12        | 1880           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-7    | Spring        | Jardín       | Vereda                    | Quebrada Bonita        | 4689713    | 2176644     | CTM-12        | 2022           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-B-8    | Spring        | Jardín       | Vereda                    | La Linda               | 4687276    | 2178481     | CTM-12        | 1815           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-C-1    | Spring        | Jardín       | Vereda                    | Macanas                | 4684724    | 2169053     | CTM-12        | 2119           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-C-2    | Spring        | Jardín       | Vereda                    | Gibraltar              | 4684447    | 2173222     | CTM-12        | 1987           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-D-1    | Spring        | Jardín       | Vereda                    | Gibraltar              | 4685396    | 2172759     | CTM-12        | 2157           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-D-2    | Spring        | Jardín       | Vereda                    | La Herrera             | 4688485    | 2176162     | CTM-12        | 1846           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-D-3    | Spring        | Jardín       | Vereda                    | La Herrera             | 4688947    | 2175804     | CTM-12        | 1969           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-D-4    | Spring        | Jardín       | Vereda                    | La Herrera             | 4689180    | 2171741     | CTM-12        | 2619           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-I-D-5    | Spring        | Jardín       | Vereda                    | La Herrera             | 4688468    | 2175571     | CTM-12        | 1935           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-D-6    | Spring        | Jardín       | Vereda                    | Quebrada Bonita        | 4688573    | 2176264     | CTM-12        | 1883           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-1  | Spring        | Jericó       | Vereda                    | La Sola                | 4691993    | 2200818     | CTM-12        | 1700           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-B-10 | Spring        | Jericó       | Vereda                    | ELCastillo             | 4693231    | 2201723     | CTM-12        | 1169           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-B-11 | Spring        | Jericó       | Vereda                    | ELCastillo             | 4693527    | 2201410     | CTM-12        | 1285           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|----------|--------------|---------------------------|-----------|
| 166-III-B-12 | Spring        | Jericó       | Vereda                    | Guacamayal             | 4692053    | 2199851     | CTM-12        | 2031           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-13 | Spring        | Jericó       | Vereda                    | La Pradera             | 4689071    | 2197824     | CTM-12        | 2201           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-15 | Spring        | Jericó       | Vereda                    | Cauca                  | 4697357    | 2200381     | CTM-12        | 898            | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-III-B-16 | Spring        | Jericó       | Vereda                    | Palenquito             | 4694003    | 2198864     | CTM-12        | 1922           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-17 | Spring        | Jericó       | Vereda                    | Cauca                  | 4696595    | 2204896     | CTM-12        | 609            | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-III-B-18 | Spring        | Jericó       | Vereda                    | La Viña                | 4695613    | 2197518     | CTM-12        | 1733           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-19 | Spring        | Jericó       | Vereda                    | La Hermosa             | 4697137    | 2197864     | CTM-12        | 1803           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-2  | Spring        | Jericó       | Vereda                    | La Pradera             | 4690256    | 2198179     | CTM-12        | 2056           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-20 | Spring        | Jericó       | Vereda                    | Guacamayal             | 4692621    | 2199639     | CTM-12        | 1974           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-21 | Spring        | Jericó       | Vereda                    | Palenque               | 4694773    | 2197937     | CTM-12        | 1844           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-22 | Spring        | Jericó       | Vereda                    | Vallecitos             | 4699005    | 2197458     | CTM-12        | 2026           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-3  | Spring        | Jericó       | Vereda                    | La Pradera             | 4690277    | 2198127     | CTM-12        | 2048           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-4  | Spring        | Jericó       | Vereda                    | La Pradera             | 4690514    | 2198321     | CTM-12        | 2088           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-5  | Spring        | Jericó       | Vereda                    | Vallecitos             | 4698506    | 2197527     | CTM-12        | 2023           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-6  | Spring        | Jericó       | Vereda                    | Cauca                  | 4695566    | 2204016     | CTM-12        | 756            | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-III-B-7  | Spring        | Jericó       | Vereda                    | Cauca                  | 4695584    | 2203989     | CTM-12        | 750            | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-III-B-8  | Spring        | Jericó       | Vereda                    | La Sola                | 4692385    | 2200855     | CTM-12        | 1519           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-B-9  | Spring        | Jericó       | Cabecera municipal        | Cabecera municipal     | 4692311    | 2198906     | CTM-12        | 1974           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-1  | Spring        | Jericó       | Vereda                    | Volcán Colorado        | 4688886    | 2195906     | CTM-12        | 2019           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-10 | Spring        | Jericó       | Vereda                    | La Selva               | 4689089    | 2191955     | CTM-12        | 2075           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-11 | Spring        | Jericó       | Vereda                    | La Estrella            | 4691796    | 2195273     | CTM-12        | 2025           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-12 | Spring        | Jericó       | Vereda                    | La Estrella            | 4693086    | 2195893     | CTM-12        | 2017           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-13 | Spring        | Jericó       | Vereda                    | La Estrella            | 4692093    | 2194953     | CTM-12        | 2029           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-14 | Spring        | Jericó       | Vereda                    | La Estrella            | 4693269    | 2195259     | CTM-12        | 2130           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-15 | Spring        | Jericó       | Vereda                    | Cestillala             | 4694489    | 2195294     | CTM-12        | 2110           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-16 | Spring        | Jericó       | Vereda                    | La Selva               | 4690019    | 2194909     | CTM-12        | 1865           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-17 | Spring        | Jericó       | Vereda                    | Vallecitos             | 4699151    | 2196369     | CTM-12        | 2009           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-18 | Spring        | Jericó       | Vereda                    | La Estrella            | 4691708    | 2194310     | CTM-12        | 2197           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-4  | Spring        | Jericó       | Vereda                    | La Estrella            | 4692537    | 2194265     | CTM-12        | 2178           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-5  | Spring        | Jericó       | Vereda                    | Volcán Colorado        | 4688795    | 2195793     | CTM-12        | 2045           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-6  | Spring        | Jericó       | Vereda                    | La Selva               | 4689751    | 2194254     | CTM-12        | 1884           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-7  | Spring        | Jericó       | Vereda                    | Cestillala             | 4694079    | 2196523     | CTM-12        | 1841           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-8  | Spring        | Jericó       | Vereda                    | La Aguada              | 4688204    | 2195337     | CTM-12        | 2187           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-III-D-9  | Spring        | Jericó       | Vereda                    | La Estrella            | 4692746    | 2195559     | CTM-12        | 2043           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-IV-A-1   | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4713661    | 2197021     | CTM-12        | 1203           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-IV-A-2   | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4712343    | 2199248     | CTM-12        | 868            | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-IV-A-3   | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4712108    | 2199655     | CTM-12        | 852            | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-IV-A-4   | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4712596    | 2196843     | CTM-12        | 955            | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-IV-A-5   | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4712914    | 2196638     | CTM-12        | 1050           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-IV-A-9   | Spring        | La Pintada   | Cabecera municipal        | La Pintada             | 4712177    | 2198852     | CTM-12        | 879            | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-IV-C-1   | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4710824    | 2193809     | CTM-12        | 604            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |

| FUNIAS code | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-IV-C-10 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711989    | 2192803     | CTM-12        | 615            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-11 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711417    | 2192977     | CTM-12        | 617            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-12 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4710067    | 2194302     | CTM-12        | 610            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-13 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711214    | 2194550     | CTM-12        | 701            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-14 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4712700    | 2195178     | CTM-12        | 865            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-15 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4709501    | 2193822     | CTM-12        | 609            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-16 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4713302    | 2195467     | CTM-12        | 942            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-17 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4714370    | 2193914     | CTM-12        | 1039           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-18 | Hand-dug well | La Pintada   | Cabecera municipal        | Casco urbano           | 4711440    | 2193164     | CTM-12        | 620            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-19 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711271    | 2193137     | CTM-12        | 612            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-2  | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711452    | 2193037     | CTM-12        | 620            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-20 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711116    | 2193753     | CTM-12        | 606            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-21 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711306    | 2193793     | CTM-12        | 615            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-22 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4710066    | 2194898     | CTM-12        | 611            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-23 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4710759    | 2193863     | CTM-12        | 601            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-24 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711222    | 2194550     | CTM-12        | 701            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-25 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711445    | 2193041     | CTM-12        | 619            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-26 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711183    | 2193264     | CTM-12        | 609            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-27 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4709112    | 2194021     | CTM-12        | 626            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-28 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4709187    | 2193886     | CTM-12        | 611            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-29 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4709500    | 2194105     | CTM-12        | 619            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-3  | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711641    | 2193161     | CTM-12        | 619            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-30 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4710988    | 2193113     | CTM-12        | 633            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-31 | Hand-dug well | La Pintada   | Cabecera municipal        | Casco urbano           | 4711714    | 2192813     | CTM-12        | 619            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-32 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711530    | 2194103     | CTM-12        | 666            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-33 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711795    | 2192688     | CTM-12        | 620            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-34 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711993    | 2192453     | CTM-12        | 621            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-35 | Hand-dug well | La Pintada   | Vereda                    | La Bocana              | 4712532    | 2189846     | CTM-12        | 618            | Kidc                 | Igneous     | Secondary by fracturing | Medium       | Low                       | Secondary |
| 166-IV-C-36 | Hand-dug well | La Pintada   | Vereda                    | La Bocana              | 4712163    | 2187089     | CTM-12        | 639            | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 166-IV-C-37 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4712031    | 2192388     | CTM-12        | 617            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-38 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711983    | 2192496     | CTM-12        | 622            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-39 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711910    | 2192531     | CTM-12        | 619            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-4  | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711811    | 2192669     | CTM-12        | 620            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-40 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711913    | 2192922     | CTM-12        | 618            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-41 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711942    | 2192988     | CTM-12        | 617            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |

| FUNIAS code | Type of point | Municipality | Type of population center | Population center name | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|--------------|---------------------------|------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-IV-C-42 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711821   | 2193056    | CTM-12        | 616            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-43 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711767   | 2192729    | CTM-12        | 620            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-44 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4709147   | 2194182    | CTM-12        | 601            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-45 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4712608   | 2195227    | CTM-12        | 848            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-46 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4712656   | 2195222    | CTM-12        | 856            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-47 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711134   | 2193706    | CTM-12        | 607            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-48 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711195   | 2193702    | CTM-12        | 609            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 166-IV-C-49 | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4710900   | 2192698    | CTM-12        | 688            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 166-IV-C-5  | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711577   | 2193360    | CTM-12        | 622            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 166-IV-C-50 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4714311   | 2193843    | CTM-12        | 989            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-51 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4714688   | 2193838    | CTM-12        | 1077           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-52 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4713756   | 2195591    | CTM-12        | 1232           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-53 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4714584   | 2194364    | CTM-12        | 1180           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-54 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4713694   | 2196020    | CTM-12        | 1225           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-55 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4714597   | 2194776    | CTM-12        | 1298           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-56 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4714577   | 2195420    | CTM-12        | 1397           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-57 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4713740   | 2192601    | CTM-12        | 809            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-58 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711651   | 2194935    | CTM-12        | 796            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-59 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4714216   | 2192350    | CTM-12        | 801            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-6  | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711900   | 2192620    | CTM-12        | 617            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-60 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4713852   | 2192477    | CTM-12        | 726            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-7  | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4712045   | 2192707    | CTM-12        | 611            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-8  | Hand-dug well | La Pintada   | Vereda                    | Rafael Uribe Uribe     | 4711988   | 2192613    | CTM-12        | 622            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-80 | Well          | La Pintada   | Vereda                    | Las Vegas              | 4709597   | 2194615    | CTM-12        | 606            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-82 | Hand-dug well | La Pintada   | Vereda                    | Vereda                 | 4711843   | 2193094    | CTM-12        | 616            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-IV-C-83 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711576   | 2192927    | CTM-12        | 616            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-84 | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711561   | 2192884    | CTM-12        | 621            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-85 | Spring        | La Pintada   | Vereda                    | Las Mellizas           | 4710462   | 2193182    | CTM-12        | 653            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 166-IV-C-86 | Spring        | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711842   | 2193487    | CTM-12        | 617            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 166-IV-C-9  | Hand-dug well | La Pintada   | Cabecera municipal        | Cabecera municipal     | 4711643   | 2193530    | CTM-12        | 608            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-B-1   | Spring        | Liborina     | Vereda                    | Granadillos            | 4695544   | 2304426    | CTM-12        | 1879           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 130-I-B-2   | Spring        | Liborina     | Vereda                    | Estancias              | 4695137   | 2297093    | CTM-12        | 1518           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 130-I-B-3   | Spring        | Liborina     | Vereda                    | Danzante               | 4691303   | 2297114    | CTM-12        | 1043           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 130-I-B-4   | Spring        | Liborina     | Vereda                    | ElSocorro              | 4697421   | 2298671    | CTM-12        | 2401           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-B-5   | Spring        | Liborina     | Vereda                    | Danzante               | 4692279   | 2297947    | CTM-12        | 1368           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |

| FUNIAS code | Type of point | Municipality | Type of population center | Population center name | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|--------------|---------------------------|------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-I-B-6   | Spring        | Liborina     | Vereda                    | Montenegro             | 4690984   | 2303398    | CTM-12        | 1999           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 146-II-A-1  | Spring        | Medellin     | Vereda                    | Potrero - Miseranga    | 4701382   | 2260691    | CTM-12        | 1797           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-10 | Spring        | Medellin     | Vereda                    | La Aldea               | 4701396   | 2259761    | CTM-12        | 1773           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-12 | Spring        | Medellin     | Vereda                    | Urquita                | 4703187   | 2262437    | CTM-12        | 2548           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-2  | Spring        | Medellin     | Vereda                    | Potrero - Miseranga    | 4701385   | 2260697    | CTM-12        | 1797           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-3  | Spring        | Medellin     | Vereda                    | Potrero - Miseranga    | 4701269   | 2260785    | CTM-12        | 1754           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-4  | Spring        | Medellin     | Vereda                    | Potrero - Miseranga    | 4701339   | 2260611    | CTM-12        | 1836           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-5  | Spring        | Medellin     | Vereda                    | Potrero - Miseranga    | 4700634   | 2261121    | CTM-12        | 1606           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-6  | Spring        | Medellin     | Vereda                    | La Aldea               | 4702050   | 2259676    | CTM-12        | 1905           | Qcl                  | Deposits    | Primary                 | Medium       | High                      | Secondary |
| 146-II-A-7  | Spring        | Medellin     | Vereda                    | Urquita                | 4701255   | 2262682    | CTM-12        | 1875           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 146-II-A-8  | Spring        | Medellin     | Vereda                    | La Aldea               | 4701506   | 2259963    | CTM-12        | 1844           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 146-II-A-9  | Spring        | Medellin     | Vereda                    | La Volcana - Guayabal  | 4702994   | 2259231    | CTM-12        | 1881           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 167-I-D-1   | Spring        | Montebello   | Vereda                    | El Carmelo             | 4723964   | 2213357    | CTM-12        | 2107           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 167-I-D-10  | Spring        | Montebello   | Vereda                    | La Quebra              | 4721293   | 2210895    | CTM-12        | 1909           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 167-I-D-11  | Spring        | Montebello   | Vereda                    | La Quebra              | 4721421   | 2210818    | CTM-12        | 2000           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 167-I-D-13  | Gallery       | Montebello   | Cabecera municipal        | Cabecera municipal     | 4720516   | 2215692    | CTM-12        | 2392           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 167-I-D-14  | Spring        | Montebello   | Vereda                    | San Antonio            | 4719324   | 2211135    | CTM-12        | 1480           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 167-I-D-15  | Spring        | Montebello   | Vereda                    | La Quebra              | 4721750   | 2211110    | CTM-12        | 2095           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 167-I-D-16  | Spring        | Montebello   | Vereda                    | Corrado                | 4721642   | 2213481    | CTM-12        | 2469           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 167-I-D-17  | Spring        | Montebello   | Vereda                    | El Obispo              | 4720571   | 2215250    | CTM-12        | 2294           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 167-I-D-2   | Spring        | Montebello   | Vereda                    | El Carmelo             | 4722986   | 2212805    | CTM-12        | 2150           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 167-I-D-3   | Spring        | Montebello   | Vereda                    | Piedra Galana          | 4719766   | 2210852    | CTM-12        | 1519           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 167-I-D-4   | Spring        | Montebello   | Vereda                    | San Antonio            | 4719343   | 2211145    | CTM-12        | 1475           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 167-I-D-5   | Spring        | Montebello   | Vereda                    | El Aguacate            | 4722384   | 2210132    | CTM-12        | 1966           | Kiu                  | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 167-I-D-6   | Spring        | Montebello   | Vereda                    | Palmitas               | 4719469   | 2209147    | CTM-12        | 1373           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 167-I-D-7   | Spring        | Montebello   | Vereda                    | Palmitas               | 4719451   | 2209028    | CTM-12        | 1349           | Kiu                  | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 167-I-D-8   | Spring        | Montebello   | Vereda                    | El Gavilán             | 4725366   | 2213120    | CTM-12        | 1505           | TRab                 | Igneous     | Secondary by fracturing | Medium       | Medium                    | Secondary |
| 167-I-D-9   | Spring        | Montebello   | Vereda                    | La Merced              | 4723064   | 2209013    | CTM-12        | 1606           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 130-I-D-1   | Hand-dug well | Olaya        | Vereda                    | Quebrada Seca          | 4690294   | 2288067    | CTM-12        | 473            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-I-D-11  | Hand-dug well | Olaya        | Vereda                    | El Guayabo             | 4689963   | 2288386    | CTM-12        | 472            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-I-D-12  | Spring        | Olaya        | Vereda                    | Comun Cominal          | 4696991   | 2291366    | CTM-12        | 2022           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Primary   |
| 130-I-D-13  | Spring        | Olaya        | Vereda                    | Comun Cominal          | 4696999   | 2291166    | CTM-12        | 1960           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Primary   |
| 130-I-D-14  | Spring        | Olaya        | Vereda                    | La Playa               | 4695777   | 2290024    | CTM-12        | 1883           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 130-I-D-15  | Spring        | Olaya        | Vereda                    | La Colchona            | 4694444   | 2291102    | CTM-12        | 2022           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 130-I-D-16  | Spring        | Olaya        | Vereda                    | La Colchona            | 4694865   | 2290242    | CTM-12        | 1797           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |

| FUNIAS code   | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-I-D-17    | Spring        | Olaya        | Vereda                    | Quebrada Seca          | 4690902    | 2287358     | CTM-12        | 503            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-D-18    | Spring        | Olaya        | Vereda                    | El Pencil              | 4689193    | 2291214     | CTM-12        | 538            | Pza                  | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 130-I-D-2     | Hand-dug well | Olaya        | Corregimiento             | Sucre                  | 4689944    | 2288391     | CTM-12        | 477            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-D-3     | Hand-dug well | Olaya        | Vereda                    | Quebrada Seca          | 4690619    | 2286898     | CTM-12        | 467            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-I-D-4     | Spring        | Olaya        | Vereda                    | El Pencil              | 4691968    | 2294752     | CTM-12        | 1520           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 130-I-D-5     | Spring        | Olaya        | Vereda                    | El Pencil              | 4691964    | 2294751     | CTM-12        | 1520           | Pzev                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Primary   |
| 130-I-D-6     | Spring        | Olaya        | Vereda                    | El Guayabo             | 4692130    | 2288774     | CTM-12        | 688            | Ksdh                 | Igneous     | N/A                     | N/A          | Medium                    | Secondary |
| 130-III-B-1   | Hand-dug well | Olaya        | Vereda                    | Quebrada Seca          | 4691266    | 2282388     | CTM-12        | 483            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-2   | Hand-dug well | Olaya        | Vereda                    | Quebrada Seca          | 4691414    | 2281440     | CTM-12        | 496            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-210 | Spring        | Olaya        | Vereda                    | Quebrada Seca          | 4692872    | 2283894     | CTM-12        | 533            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-3   | Hand-dug well | Olaya        | Vereda                    | La Florida             | 4691612    | 2284220     | CTM-12        | 494            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-31  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691430    | 2283813     | CTM-12        | 476            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-32  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691451    | 2283748     | CTM-12        | 478            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-33  | Hand-dug well | Olaya        | Vereda                    | No information         | 4691466    | 2283874     | CTM-12        | 477            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-34  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691411    | 2283678     | CTM-12        | 484            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-35  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691522    | 2283851     | CTM-12        | 483            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-36  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691502    | 2283904     | CTM-12        | 474            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-39  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691409    | 2283918     | CTM-12        | 477            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-40  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691659    | 2284044     | CTM-12        | 489            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-41  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691552    | 2284224     | CTM-12        | 492            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-42  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691617    | 2284215     | CTM-12        | 495            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-43  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691778    | 2284209     | CTM-12        | 490            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-44  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691813    | 2284246     | CTM-12        | 493            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-46  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691688    | 2284129     | CTM-12        | 489            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-47  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691670    | 2284065     | CTM-12        | 487            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-48  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691863    | 2284181     | CTM-12        | 491            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-49  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691818    | 2284086     | CTM-12        | 490            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-50  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691969    | 2283900     | CTM-12        | 493            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-51  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691994    | 2284268     | CTM-12        | 491            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-52  | Hand-dug well | Olaya        | Vereda                    | Parcelación La Florida | 4691987    | 2284251     | CTM-12        | 491            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-55  | Hand-dug well | Olaya        | Vereda                    | Quebrada Seca          | 4691582    | 2285759     | CTM-12        | 523            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-56  | Hand-dug well | Olaya        | Vereda                    | Quebrada Seca          | 4690942    | 2285319     | CTM-12        | 472            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-III-A-11  | Spring        | Pueblorrico  | Vereda                    | Santa Barbara          | 4684961    | 2200721     | CTM-12        | 1830           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-12  | Spring        | Pueblorrico  | Vereda                    | La Gómez               | 4684123    | 2202525     | CTM-12        | 1328           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-13  | Spring        | Pueblorrico  | Vereda                    | California             | 4684714    | 2199277     | CTM-12        | 2093           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-14  | Spring        | Pueblorrico  | Vereda                    | California             | 4684005    | 2199273     | CTM-12        | 1792           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |

| FUNIAS code   | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-III-A-15  | Spring        | Pueblorrico  | Vereda                    | Sinai                  | 4682469    | 2204443     | CTM-12        | 1838           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-19  | Spring        | Pueblorrico  | Vereda                    | Sinai                  | 4683350    | 2204230     | CTM-12        | 1578           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-26  | Spring        | Pueblorrico  | Vereda                    | California             | 4684599    | 2198906     | CTM-12        | 1953           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-A-27  | Spring        | Pueblorrico  | Vereda                    | California             | 4684312    | 2199466     | CTM-12        | 1926           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-A-28  | Spring        | Pueblorrico  | Vereda                    | Alto de San Francisco  | 4684454    | 2198407     | CTM-12        | 1811           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-23  | Spring        | Pueblorrico  | Vereda                    | El Cedrón              | 4686806    | 2201986     | CTM-12        | 1642           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-B-29  | Spring        | Pueblorrico  | Vereda                    | El Cedrón              | 4686424    | 2201401     | CTM-12        | 1632           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-30  | Spring        | Pueblorrico  | Vereda                    | Patudal                | 4686619    | 2198438     | CTM-12        | 1956           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-31  | Spring        | Pueblorrico  | Vereda                    | El Cedrón              | 4687510    | 2199219     | CTM-12        | 2113           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-32  | Spring        | Pueblorrico  | Vereda                    | El Cedrón              | 4687883    | 2198581     | CTM-12        | 2283           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-C-17  | Spring        | Pueblorrico  | Vereda                    | Lourdes                | 4684311    | 2196018     | CTM-12        | 1824           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-C-18  | Spring        | Pueblorrico  | Vereda                    | La Pica                | 4685175    | 2194129     | CTM-12        | 2140           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 115-III-D-1   | Spring        | Sabanalarga  | Vereda                    | El Madero              | 4688614    | 2310711     | CTM-12        | 1486           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 115-III-D-2   | Spring        | Sabanalarga  | Vereda                    | La Ermita              | 4688502    | 2312260     | CTM-12        | 1114           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 145-IV-D-2    | Spring        | Salgar       | Vereda                    | El León                | 4669929    | 2227171     | CTM-12        | 1915           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 165-II-B-1    | Spring        | Salgar       | Vereda                    | La Amagaceña           | 4667983    | 2222761     | CTM-12        | 1957           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 165-II-B-2    | Spring        | Salgar       | Vereda                    | La Clara Arriba        | 4666776    | 2224168     | CTM-12        | 1989           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 165-II-D-3    | Spring        | Salgar       | Vereda                    | La Humareda            | 4668147    | 2216328     | CTM-12        | 2017           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 165-II-D-4    | Spring        | Salgar       | Vereda                    | Cajon Largo            | 4666661    | 2216043     | CTM-12        | 1656           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Primary   |
| 166-I-A-11    | Spring        | Salgar       | Vereda                    | Montañita              | 4671826    | 2217225     | CTM-12        | 1352           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-I-C-1     | Spring        | Salgar       | Vereda                    | Morritos               | 4677789    | 2214385     | CTM-12        | 1785           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-C-10    | Spring        | Salgar       | Vereda                    | El Junco               | 4677984    | 2213595     | CTM-12        | 1363           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-C-11    | Spring        | Salgar       | Vereda                    | Montañita              | 4671800    | 2216377     | CTM-12        | 1518           | Ksu                  | Sedimentary | Primary                 | Very low     | High                      | Secondary |
| 166-I-C-12    | Spring        | Salgar       | Vereda                    | La Chuchita            | 4677425    | 2208153     | CTM-12        | 847            | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Secondary |
| 166-I-C-7     | Hand-dug well | Salgar       | Vereda                    | Peñalisa               | 4683263    | 2215191     | CTM-12        | 730            | Ngc                  | Igneous     | Primary                 | Medium       | High                      | Secondary |
| 166-I-C-8     | Spring        | Salgar       | Vereda                    | La Siberia             | 4675884    | 2211346     | CTM-12        | 1692           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Primary   |
| 166-I-C-9     | Spring        | Salgar       | Vereda                    | La Siberia             | 4675586    | 2210865     | CTM-12        | 1717           | Kivb                 | Igneous     | Primary                 | Medium       | Low                       | Primary   |
| 115-III-D-3   | Spring        | San Andrés   | Vereda                    | Llanadas               | 4695908    | 2309644     | CTM-12        | 2821           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 115-IV-A-1    | Spring        | San Andrés   | Vereda                    | La Chorrera            | 4708301    | 2323752     | CTM-12        | 2463           | Pz (es+ev)           | Metamorphic | Secondary by fracturing | High         | Null                      | Secondary |
| 115-IV-A-2    | Spring        | San Andrés   | Vereda                    | Montaña Adentro        | 4703555    | 2322481     | CTM-12        | 1996           | Pz (es+ev)           | Metamorphic | Secondary by fracturing | High         | Null                      | Secondary |
| 115-IV-A-3    | Spring        | San Andrés   | Vereda                    | Montaña Adentro        | 4702606    | 2322506     | CTM-12        | 2060           | Pzin                 | Metamorphic | Secondary by fracturing | Low          | Medium                    | Secondary |
| 115-IV-A-5    | Spring        | San Andrés   | Vereda                    | Cruces                 | 4711139    | 2319975     | CTM-12        | 2796           | Ksta                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-III-D-1   | Hand-dug well | San Jerónimo | Vereda                    | Llanos de Aguirre      | 4698570    | 2273574     | CTM-12        | 892            | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-D-11  | Hand-dug well | San Jerónimo | Vereda                    | San Jerónimo           | 4696212    | 2274350     | CTM-12        | 600            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-110 | Hand-dug well | San Jerónimo | Vereda                    | San Jerónimo           | 4694456    | 2273288     | CTM-12        | 548            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-111 | Hand-dug well | San Jerónimo | Vereda                    | San Jerónimo           | 4694395    | 2273379     | CTM-12        | 549            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-114 | Hand-dug well | San Jerónimo | Vereda                    | San Jerónimo           | 4694768    | 2273148     | CTM-12        | 557            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-115 | Hand-dug well | San Jerónimo | Vereda                    | San Jerónimo           | 4694801    | 2273115     | CTM-12        | 561            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-116 | Hand-dug well | San Jerónimo | Vereda                    | San Jerónimo           | 4694701    | 2273166     | CTM-12        | 557            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-117 | Hand-dug well | San Jerónimo | Vereda                    | San Jerónimo           | 4694640    | 2273137     | CTM-12        | 563            | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |



| FUNIAS code   | Type of point | Municipality | Type of population center | Population center name | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|--------------|---------------------------|------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-D-120 | Hand-dug well | San Jerónimo | Vereda                    |                        | 4695331   | 2273306    | CTM-12        | 563            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-121 | Hand-dug well | San Jerónimo | Vereda                    |                        | 4695656   | 2273782    | CTM-12        | 589            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-123 | Spring        | San Jerónimo | Vereda                    | Llanos de San Juan     | 4698112   | 2267067    | CTM-12        | 970            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-124 | Spring        | San Jerónimo | Vereda                    | Loma Hermosa           | 4698151   | 2267859    | CTM-12        | 960            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-125 | Spring        | San Jerónimo | Vereda                    | Loma Hermosa           | 4694238   | 2270929    | CTM-12        | 770            | Pgal                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 130-III-D-126 | Spring        | San Jerónimo | Vereda                    | Loma Hermosa           | 4696618   | 2269270    | CTM-12        | 1137           | Kivag                | Igneous     | Primary                 | Low          | Low                       | Secondary |
| 130-III-D-127 | Spring        | San Jerónimo | Vereda                    | El Mestizo             | 4700319   | 2275861    | CTM-12        | 1533           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-D-128 | Spring        | San Jerónimo | Vereda                    | El Mestizo             | 4699485   | 2275837    | CTM-12        | 1123           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-D-130 | Hand-dug well | San Jerónimo | Vereda                    | Estancias              | 4699496   | 2268705    | CTM-12        | 915            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-131 | Hand-dug well | San Jerónimo | Vereda                    | Llanos de Aguirre      | 4697946   | 2274045    | CTM-12        | 796            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-2   | Hand-dug well | San Jerónimo | Vereda                    | Rio Verde              | 4698609   | 2272734    | CTM-12        | 865            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-21  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697468   | 2271823    | CTM-12        | 727            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-22  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697407   | 2271850    | CTM-12        | 732            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-23  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698132   | 2272715    | CTM-12        | 846            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-24  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698297   | 2273831    | CTM-12        | 842            | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-D-25  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697856   | 2272726    | CTM-12        | 823            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-26  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698947   | 2272183    | CTM-12        | 827            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-27  | Hand-dug well | San Jerónimo | Vereda                    | Tafetanes Alto         | 4695994   | 2274323    | CTM-12        | 591            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-29  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698616   | 2273737    | CTM-12        | 854            | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-D-3   | Hand-dug well | San Jerónimo | Vereda                    | Rio Verde              | 4697474   | 2271822    | CTM-12        | 727            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-30  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698322   | 2273508    | CTM-12        | 846            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-31  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697985   | 2272550    | CTM-12        | 824            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-32  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697882   | 2272518    | CTM-12        | 817            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-33  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698043   | 2272815    | CTM-12        | 837            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-34  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697855   | 2272397    | CTM-12        | 815            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-D-35  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697859   | 2272691    | CTM-12        | 822            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-D-36  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698064   | 2272582    | CTM-12        | 836            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-37  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697892   | 2272419    | CTM-12        | 818            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-38  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698044   | 2272692    | CTM-12        | 841            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-39  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4698404   | 2272734    | CTM-12        | 848            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-40  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697968   | 2273132    | CTM-12        | 851            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-41  | Hand-dug well | San Jerónimo | Vereda                    | No information         | 4697571   | 2272755    | CTM-12        | 803            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-6   | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4694942   | 2273013    | CTM-12        | 566            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-69  | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4697389   | 2272814    | CTM-12        | 790            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-9   | Hand-dug well | San Jerónimo | Vereda                    | Llano de Aguirre       | 4696718   | 2274667    | CTM-12        | 616            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |

| FUNIAS code | Type of point | Municipality           | Type of population center | Population center name  | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|------------------------|---------------------------|-------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-IV-C-1  | Spring        | San Jerónimo           | Vereda                    | Los Cedros              | 4700808    | 2275902     | CTM-12        | 1654           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-C-10 | Spring        | San Jerónimo           | Vereda                    | Buenos Aires Parte Baja | 4704554    | 2267693     | CTM-12        | 2280           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-C-11 | Spring        | San Jerónimo           | Vereda                    | El Chocho               | 4704529    | 2275991     | CTM-12        | 2141           | Ksta                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-C-2  | Spring        | San Jerónimo           | Vereda                    | El Chocho               | 4705079    | 2275319     | CTM-12        | 1780           | Ksta                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-C-28 | Spring        | San Jerónimo           | Vereda                    | La Clarita              | 4705973    | 2267210     | CTM-12        | 2603           | Kida                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-C-3  | Spring        | San Jerónimo           | Vereda                    | El Chocho               | 4704094    | 2275193     | CTM-12        | 1792           | Ksta                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-C-4  | Spring        | San Jerónimo           | Vereda                    | Buenos Aires Parte Baja | 4704623    | 2267667     | CTM-12        | 2302           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-C-5  | Spring        | San Jerónimo           | Vereda                    | El Mestizo              | 4700734    | 2275732     | CTM-12        | 1597           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-C-6  | Spring        | San Jerónimo           | Vereda                    | El Ruano                | 4706208    | 2273536     | CTM-12        | 2608           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-C-7  | Spring        | San Jerónimo           | Vereda                    | Buenos Aires Parte Alta | 4705288    | 2268278     | CTM-12        | 2346           | Kida                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-C-8  | Spring        | San Jerónimo           | Vereda                    | El Chocho               | 4704165    | 2275218     | CTM-12        | 1793           | Ksta                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-C-9  | Spring        | San Jerónimo           | Vereda                    | Buenos Aires Parte Alta | 4704690    | 2267962     | CTM-12        | 2274           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 146-I-B-9   | Spring        | San Jerónimo           | Vereda                    | Loma Hermosa            | 4698156    | 2265909     | CTM-12        | 1096           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 146-II-A-11 | Spring        | San Jerónimo           | Vereda                    | Monte Frio              | 4703222    | 2266190     | CTM-12        | 1620           | Ksta                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 115-IV-A-4  | Spring        | San José de la Montaña | Vereda                    | Cambure                 | 4706097    | 2318813     | CTM-12        | 2543           | Ksta                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 115-IV-C-1  | Spring        | San José de la Montaña | Vereda                    | Cambure                 | 4702106    | 2313657     | CTM-12        | 2921           | Pz (es+ev)           | Metamorphic | Secondary by fracturing | High         | Null                      | Secondary |
| 130-IV-C-12 | Spring        | San Pedro              | Vereda                    | Pantaniello             | 4708973    | 2269976     | CTM-12        | 2526           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-13 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4708497    | 2273779     | CTM-12        | 2603           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-14 | Spring        | San Pedro              | Vereda                    | Espirito Santo          | 4708521    | 2271088     | CTM-12        | 2541           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-15 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4708994    | 2274666     | CTM-12        | 2723           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-16 | Spring        | San Pedro              | Vereda                    | Llano de Ovejas         | 4711412    | 2268514     | CTM-12        | 2532           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-IV-C-17 | Spring        | San Pedro              | Vereda                    | Llano de Ovejas         | 4711240    | 2268371     | CTM-12        | 2552           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-IV-C-18 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4709118    | 2271823     | CTM-12        | 2516           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-19 | Spring        | San Pedro              | Vereda                    | Llano de Ovejas         | 4711203    | 2268781     | CTM-12        | 2518           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-20 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4709995    | 2274292     | CTM-12        | 2780           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 130-IV-C-21 | Spring        | San Pedro              | Vereda                    | La Cuchilla             | 4710398    | 2267975     | CTM-12        | 2556           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-IV-C-22 | Spring        | San Pedro              | Vereda                    | Pantaniello             | 4708775    | 2269495     | CTM-12        | 2495           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-23 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4708757    | 2274889     | CTM-12        | 2738           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 130-IV-C-24 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4708718    | 2274740     | CTM-12        | 2717           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-25 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4710829    | 2273570     | CTM-12        | 2705           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-26 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4710791    | 2273654     | CTM-12        | 2710           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-27 | Spring        | San Pedro              | Vereda                    | La Lana                 | 4708715    | 2274811     | CTM-12        | 2710           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 130-IV-C-29 | Spring        | San Pedro              | Vereda                    | Pantaniello             | 4707905    | 2270053     | CTM-12        | 2504           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-30 | Spring        | San Pedro              | Vereda                    | El Tambo                | 4711043    | 2271304     | CTM-12        | 2549           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-31 | Spring        | San Pedro              | Vereda                    | El Tambo                | 4713211    | 2270398     | CTM-12        | 2588           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 130-IV-C-32 | Spring        | San Pedro              | Vereda                    | El Tambo                | 4713034    | 2269098     | CTM-12        | 2560           | Ksto                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 166-II-A-1  | Well          | Santa Bárbara          | Vereda                    | La Quebra               | 4709557    | 2218036     | CTM-12        | 2301           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 166-II-A-22 | Spring        | Santa Bárbara          | Vereda                    | Zarcitos                | 4713639    | 2218985     | CTM-12        | 2313           | TReC                 | Metamorphic | Secondary by fracturing | Medium       | Medium                    | Primary   |

| FUNIAS code   | Type of point | Municipality          | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|-----------------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-II-A-23   | Spring        | Santa Bárbara         | Vereda                    | Versalles              | 4712332    | 2219788     | CTM-12        | 2560           | PzaAM                | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 166-II-A-24   | Spring        | Santa Bárbara         | Vereda                    | Versalles              | 4712819    | 2218489     | CTM-12        | 2263           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 166-II-A-29   | Spring        | Santa Bárbara         | Corregimiento             | Versalles              | 4713327    | 2218481     | CTM-12        | 2225           | TReC                 | Metamorphic | Secondary by fracturing | Medium       | Medium                    | Secondary |
| 166-II-C-30   | Spring        | Santa Bárbara         | Vereda                    | Las Mercedes           | 4711621    | 2212131     | CTM-12        | 1734           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-II-C-37   | Spring        | Santa Bárbara         | Vereda                    | Las Mercedes           | 4713350    | 2214112     | CTM-12        | 1658           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-II-C-38   | Spring        | Santa Bárbara         | Vereda                    | Las Mercedes           | 4711715    | 2212192     | CTM-12        | 1731           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-II-C-39   | Spring        | Santa Bárbara         | Vereda                    | Las Mercedes           | 4710947    | 2210941     | CTM-12        | 1447           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-II-C-40   | Spring        | Santa Bárbara         | Vereda                    | Alto de los Gómez      | 4713527    | 2211787     | CTM-12        | 1794           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-II-C-41   | Spring        | Santa Bárbara         | Vereda                    | El Vergel              | 4714705    | 2211133     | CTM-12        | 1775           | Kcdu                 | Igneous     | Secondary by fracturing | Medium       | Medium                    | Primary   |
| 166-II-C-42   | Spring        | Santa Bárbara         | Cabecera municipal        | Cabecera municipal     | 4715231    | 2208286     | CTM-12        | 1757           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-IV-A-14   | Spring        | Santa Bárbara         | Vereda                    | Bellavista             | 4714568    | 2202302     | CTM-12        | 1505           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 166-IV-A-15   | Spring        | Santa Bárbara         | Vereda                    | Cordoncillal           | 4715085    | 2202825     | CTM-12        | 1444           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 166-IV-A-8    | Spring        | Santa Bárbara         | Vereda                    | Poblanco               | 4711710    | 2206278     | CTM-12        | 1404           | Pzes                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 167-I-D-12    | Spring        | Santa Bárbara         | Vereda                    | Atanasio               | 4716835    | 2206696     | CTM-12        | 1647           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 167-I-D-18    | Spring        | Santa Bárbara         | Vereda                    | Corozal                | 4716208    | 2206950     | CTM-12        | 1669           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 167-I-D-19    | Spring        | Santa Bárbara         | Vereda                    | Corozal                | 4715771    | 2206701     | CTM-12        | 1443           | Kigr                 | Igneous     | Secondary by fracturing | Very low     | Null                      | Secondary |
| 167-III-B-1   | Spring        | Santa Bárbara         | Vereda                    | La Esperanza           | 4715927    | 2202856     | CTM-12        | 1111           | Kivag                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 167-III-D-2   | Spring        | Santa Bárbara         | Vereda                    | El Buey                | 4715671    | 2192369     | CTM-12        | 980            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 130-I-C-1     | Spring        | Santa Fe de Antioquia | Vereda                    | Catívo                 | 4682685    | 2292713     | CTM-12        | 1598           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-C-2     | Spring        | Santa Fe de Antioquia | Vereda                    | Tonusco Ariba          | 4672556    | 2290200     | CTM-12        | 2292           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-C-3     | Spring        | Santa Fe de Antioquia | Vereda                    | El Tunal               | 4682458    | 2291332     | CTM-12        | 1588           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-C-4     | Spring        | Santa Fe de Antioquia | Vereda                    | El Tunal               | 4683210    | 2289239     | CTM-12        | 1317           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-I-C-5     | Spring        | Santa Fe de Antioquia | Vereda                    | El Tunal               | 4685483    | 2287990     | CTM-12        | 934            | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-III-A-1   | Hand-dug well | Santa Fe de Antioquia | Vereda                    | km 2                   | 4685371    | 2283772     | CTM-12        | 605            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-A-2   | Spring        | Santa Fe de Antioquia | Vereda                    | Chaparral              | 4679662    | 2281068     | CTM-12        | 1581           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-A-3   | Spring        | Santa Fe de Antioquia | Vereda                    | Coloradas              | 4675148    | 2279886     | CTM-12        | 1938           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-A-4   | Spring        | Santa Fe de Antioquia | Vereda                    | El Pedregal            | 4682255    | 2278003     | CTM-12        | 1303           | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Primary   |
| 130-III-A-5   | Spring        | Santa Fe de Antioquia | Vereda                    | Nuqui                  | 4675242    | 2277639     | CTM-12        | 2027           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-A-6   | Spring        | Santa Fe de Antioquia | Vereda                    | Coloradas              | 4675141    | 2278662     | CTM-12        | 2011           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 130-III-B-10  | Well          | Santa Fe de Antioquia | Vereda                    | Obregón                | 4687627    | 2277447     | CTM-12        | 482            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-100 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito | 4688545    | 2280539     | CTM-12        | 528            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-101 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito | 4689066    | 2280105     | CTM-12        | 522            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-102 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Bajío               | 4689232    | 2279577     | CTM-12        | 491            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-103 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Bajío               | 4689094    | 2279314     | CTM-12        | 498            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-104 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Bajío               | 4689236    | 2279262     | CTM-12        | 475            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |

| FUNIAS code   | Type of point | Municipality          | Type of population center | Population center name               | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|-----------------------|---------------------------|--------------------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-B-106 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689942    | 2280734     | CTM-12        | 494            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-107 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                              | 4688279    | 2280196     | CTM-12        | 515            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-108 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689667    | 2280648     | CTM-12        | 517            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-109 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689770    | 2280778     | CTM-12        | 504            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-111 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Paso Real                            | 4688050    | 2281178     | CTM-12        | 533            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-110 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689772    | 2280889     | CTM-12        | 515            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-111 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689711    | 2280857     | CTM-12        | 519            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-112 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4688522    | 2280944     | CTM-12        | 534            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-113 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689699    | 2280582     | CTM-12        | 519            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-114 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689893    | 2280782     | CTM-12        | 497            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-115 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689781    | 2280768     | CTM-12        | 505            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-117 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689581    | 2280741     | CTM-12        | 505            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-118 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689611    | 2280682     | CTM-12        | 512            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-119 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689553    | 2280898     | CTM-12        | 505            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-12  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Los Almendros                        | 4688054    | 2276997     | CTM-12        | 483            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-120 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Al lado de pan gordito               | 4689457    | 2281033     | CTM-12        | 491            | Pza                  | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 130-III-B-121 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Entrando a la parcelación pangordito | 4688833    | 2280635     | CTM-12        | 532            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-122 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Springs                  | 4689390    | 2280505     | CTM-12        | 510            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-123 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Bajío                             | 4689384    | 2279508     | CTM-12        | 477            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-124 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Bajío                             | 4689367    | 2279608     | CTM-12        | 480            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-125 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Bajío                             | 4689155    | 2279198     | CTM-12        | 474            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-126 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4688691    | 2280631     | CTM-12        | 534            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-128 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Espinal                           | 4687952    | 2279197     | CTM-12        | 507            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-129 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Pangordito               | 4689809    | 2280324     | CTM-12        | 479            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-13  | Well          | Santa Fe de Antioquia | Vereda                    | km 2                                 | 4686669    | 2284835     | CTM-12        | 656            | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 130-III-B-130 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687415    | 2276919     | CTM-12        | 480            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-131 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687517    | 2276993     | CTM-12        | 484            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-132 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687709    | 2276913     | CTM-12        | 484            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-133 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687679    | 2277014     | CTM-12        | 480            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-134 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687715    | 2276740     | CTM-12        | 480            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-135 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687702    | 2276692     | CTM-12        | 480            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-136 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687780    | 2277140     | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-137 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687819    | 2277406     | CTM-12        | 484            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-138 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones      | 4687791    | 2277489     | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |

| FUNIAS code   | Type of point | Municipality          | Type of population center | Population center name          | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type | Porosity | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|-----------------------|---------------------------|---------------------------------|------------|-------------|---------------|----------------|----------------------|-----------|----------|--------------|---------------------------|-----------|
| 130-III-B-139 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones | 4687929    | 2277999     | CTM-12        | 478            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-14  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Los Almendros                   | 4687859    | 2278066     | CTM-12        | 479            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-140 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones | 4687844    | 2277784     | CTM-12        | 478            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-141 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones | 4687782    | 2277561     | CTM-12        | 481            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-142 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones | 4687901    | 2277473     | CTM-12        | 482            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-143 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687673    | 2277103     | CTM-12        | 487            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-144 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687602    | 2277202     | CTM-12        | 482            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-145 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687519    | 2277199     | CTM-12        | 473            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-146 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687471    | 2277199     | CTM-12        | 481            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-147 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687436    | 2277195     | CTM-12        | 482            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-148 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687517    | 2277152     | CTM-12        | 478            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-149 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687383    | 2277193     | CTM-12        | 485            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-15  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Paso Real                       | 4688521    | 2280083     | CTM-12        | 517            | Qt                   | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-150 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687412    | 2277078     | CTM-12        | 481            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-151 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687454    | 2277347     | CTM-12        | 483            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-152 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687618    | 2277451     | CTM-12        | 482            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-153 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687590    | 2277359     | CTM-12        | 478            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-154 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La India                 | 4687418    | 2277600     | CTM-12        | 481            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-155 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687655    | 2277557     | CTM-12        | 488            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-156 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687549    | 2277573     | CTM-12        | 484            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-157 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687553    | 2277552     | CTM-12        | 483            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-158 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687714    | 2277705     | CTM-12        | 485            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-159 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687572    | 2277797     | CTM-12        | 487            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-16  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | km 2                            | 4686132    | 2283684     | CTM-12        | 589            | Qt                   | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-160 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687654    | 2277428     | CTM-12        | 481            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-161 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                  | 4687644    | 2277912     | CTM-12        | 477            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-162 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                  | 4687838    | 2277943     | CTM-12        | 478            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-163 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Melonera              | 4687835    | 2278060     | CTM-12        | 484            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-164 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687837    | 2278065     | CTM-12        | 484            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-165 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La Isla                  | 4687659    | 2278153     | CTM-12        | 484            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-166 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector El Paso                  | 4687887    | 2278769     | CTM-12        | 480            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-167 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                         | 4687150    | 2279283     | CTM-12        | 512            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-168 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                         | 4687147    | 2279081     | CTM-12        | 508            | Qal                  | Deposits  | Primary  | High         | Very high                 | Secondary |
| 130-III-B-17  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Paso Real                       | 4687907    | 2283385     | CTM-12        | 569            | Qt                   | Deposits  | Primary  | High         | Very high                 | Secondary |

| FUNIAS code   | Type of point | Municipality          | Type of population center | Population center name         | East coord. | North coord. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|-----------------------|---------------------------|--------------------------------|-------------|--------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-B-170 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687591     | 2279211      | CTM-12        | 514            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-171 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687346     | 2281720      | CTM-12        | 543            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-172 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687518     | 2281370      | CTM-12        | 540            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-173 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687724     | 2280098      | CTM-12        | 529            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-174 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687924     | 2279593      | CTM-12        | 512            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-175 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687941     | 2279273      | CTM-12        | 517            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-176 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Halcones           | 4688048     | 2277006      | CTM-12        | 483            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-177 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687878     | 2279130      | CTM-12        | 506            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-178 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Espinal                        | 4687980     | 2279128      | CTM-12        | 508            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-179 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Camino a Santa Fe de Antioquia | 4687450     | 2276653      | CTM-12        | 479            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-18  | Well          | Santa Fe de Antioquia | Vereda                    | Obregón                        | 4687588     | 2277417      | CTM-12        | 480            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-182 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Camino a Santa Fe de Antioquia | 4687324     | 2276587      | CTM-12        | 478            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-183 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4687332     | 2276775      | CTM-12        | 485            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-184 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                        | 4688523     | 2280077      | CTM-12        | 518            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-185 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4687901     | 2283379      | CTM-12        | 568            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-19  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                        | 4687272     | 2277347      | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-20  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Paso Real                      | 4687928     | 2281675      | CTM-12        | 547            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-21  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Paso Real                      | 4688328     | 2278877      | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-218 | Spring        | Santa Fe de Antioquia | Vereda                    | Paso Real                      | 4690031     | 2285675      | CTM-12        | 497            | Pza                  | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 130-III-B-59  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | km 2                           | 4686131     | 2283877      | CTM-12        | 605            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-6   | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Los Almendros                  | 4687805     | 2278057      | CTM-12        | 485            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-61  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Las Estancias                  | 4687949     | 2281720      | CTM-12        | 548            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-62  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Las Estancias                  | 4687933     | 2281677      | CTM-12        | 547            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-63  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688137     | 2281536      | CTM-12        | 549            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-64  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Al frente de Paigordito        | 4688059     | 2281176      | CTM-12        | 533            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-65  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688287     | 2281217      | CTM-12        | 534            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-66  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Abajo del Portón de Santa Fe   | 4688312     | 2281107      | CTM-12        | 535            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-67  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688161     | 2280998      | CTM-12        | 533            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-68  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688230     | 2280729      | CTM-12        | 535            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-69  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688383     | 2280509      | CTM-12        | 528            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-7   | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                        | 4687267     | 2277351      | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-70  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688282     | 2280389      | CTM-12        | 525            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-72  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688266     | 2280348      | CTM-12        | 519            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-75  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688192     | 2279895      | CTM-12        | 513            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-74  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                 | 4688245     | 2279845      | CTM-12        | 511            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |

| FUNIAS code  | Type of point | Municipality          | Type of population center | Population center name | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|-----------------------|---------------------------|------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-B-75 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Urbanización Molinares | 4688219   | 2279721    | CTM-12        | 504            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-76 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Urbanización Molinares | 4688340   | 2279862    | CTM-12        | 508            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-77 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688368   | 2279831    | CTM-12        | 510            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-78 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688364   | 2279651    | CTM-12        | 507            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-79 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688371   | 2279519    | CTM-12        | 503            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-8  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Espinal             | 4687583   | 2279214    | CTM-12        | 514            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-80 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector La India        | 4687313   | 2277526    | CTM-12        | 483            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-81 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688330   | 2278820    | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-83 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688297   | 2278831    | CTM-12        | 482            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-84 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688251   | 2278870    | CTM-12        | 479            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-85 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688290   | 2278919    | CTM-12        | 482            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-86 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                | 4688431   | 2278746    | CTM-12        | 480            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-87 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                | 4688443   | 2278749    | CTM-12        | 480            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-88 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                | 4688472   | 2279112    | CTM-12        | 497            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-89 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                | 4688568   | 2279115    | CTM-12        | 497            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-9  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Paso Real              | 4688517   | 2280078    | CTM-12        | 517            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-90 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                | 4688518   | 2279347    | CTM-12        | 500            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-91 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                | 4688473   | 2279396    | CTM-12        | 502            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-92 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688489   | 2279512    | CTM-12        | 504            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-95 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688443   | 2279850    | CTM-12        | 512            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-96 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | El Paso                | 4688515   | 2280636    | CTM-12        | 529            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-97 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688355   | 2281290    | CTM-12        | 538            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-98 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4687647   | 2282048    | CTM-12        | 550            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-99 | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information         | 4688104   | 2282534    | CTM-12        | 558            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-C-1  | Spring        | Santa Fe de Antioquia | Vereda                    | El Pescado             | 4677575   | 2275910    | CTM-12        | 1652           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-C-10 | Spring        | Santa Fe de Antioquia | Vereda                    | La Tolda               | 4678732   | 2274758    | CTM-12        | 1975           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-C-11 | Spring        | Santa Fe de Antioquia | Vereda                    | Sabanas                | 4677452   | 2273062    | CTM-12        | 1968           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-C-2  | Spring        | Santa Fe de Antioquia | Vereda                    | Cordillera             | 4677192   | 2276235    | CTM-12        | 1650           | Ksib                 | Sedimentary | Primary                 | Very low     | Low                       | Secondary |
| 130-III-C-3  | Spring        | Santa Fe de Antioquia | Vereda                    | Laureles               | 4674303   | 2276238    | CTM-12        | 2215           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-C-4  | Spring        | Santa Fe de Antioquia | Vereda                    | El Filo                | 4676103   | 2270379    | CTM-12        | 2248           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-C-5  | Spring        | Santa Fe de Antioquia | Vereda                    | Moraditas              | 4678295   | 2269857    | CTM-12        | 1651           | Ksib                 | Sedimentary | Primary                 | Very low     | Low                       | Secondary |
| 130-III-C-6  | Spring        | Santa Fe de Antioquia | Vereda                    | El Filo                | 4675158   | 2269119    | CTM-12        | 2150           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-C-7  | Spring        | Santa Fe de Antioquia | Vereda                    | Alta Vista             | 4675978   | 2268027    | CTM-12        | 1886           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-C-8  | Spring        | Santa Fe de Antioquia | Vereda                    | La Tolda               | 4679242   | 2275165    | CTM-12        | 1996           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |

| FUNIAS code   | Type of point | Municipality          | Type of population center | Population center name          | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|-----------------------|---------------------------|---------------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-C-9   | Spring        | Santa Fe de Antioquia | Vereda                    | La Tolda                        | 4679228   | 2275136    | CTM-12        | 1998           | Kivb                 | Igneous     | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-D-42  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | La Noque                        | 4688192   | 2267979    | CTM-12        | 496            | Kica                 | Metamorphic | Secondary by fracturing | Low          | Low                       | Secondary |
| 130-III-D-43  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | La Noque                        | 4687466   | 2270931    | CTM-12        | 490            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-44  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687535   | 2275331    | CTM-12        | 502            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-45  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687499   | 2275204    | CTM-12        | 499            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-46  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687672   | 2275353    | CTM-12        | 484            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-47  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687728   | 2275114    | CTM-12        | 491            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-48  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687751   | 2274975    | CTM-12        | 489            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-49  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687565   | 2275162    | CTM-12        | 490            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-50  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687721   | 2274686    | CTM-12        | 498            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-51  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687540   | 2274936    | CTM-12        | 490            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-52  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687467   | 2274854    | CTM-12        | 501            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-53  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | La Noque                        | 4687445   | 2270867    | CTM-12        | 498            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-54  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | La Noque                        | 4687377   | 2270899    | CTM-12        | 498            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-55  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | La USA                          | 4687591   | 2273172    | CTM-12        | 494            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-56  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687210   | 2274317    | CTM-12        | 516            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-57  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Obregón                         | 4687320   | 2275337    | CTM-12        | 517            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-58  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Parcelación Las Magnolias       | 4687821   | 2276165    | CTM-12        | 471            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-59  | Well          | Santa Fe de Antioquia | Vereda                    | Parcelación Las Magnolias       | 4687568   | 2276062    | CTM-12        | 491            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-61  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Sector Parcelación Los Halcones | 4687815   | 2276489    | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-65  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | No information                  | 4687376   | 2276475    | CTM-12        | 483            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-66  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Camino a Santa Fe de Antioquia  | 4687407   | 2276419    | CTM-12        | 481            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-67  | Hand-dug well | Santa Fe de Antioquia | Vereda                    | Camino a Santa Fe de Antioquia  | 4687320   | 2276405    | CTM-12        | 483            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 146-I-B-1     | Hand-dug well | Santa Fe de Antioquia | Vereda                    | La Noque                        | 4686692   | 2266075    | CTM-12        | 509            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-I-D-10    | Spring        | Sopetrán              | Vereda                    | Los Aguacates                   | 4697905   | 2289480    | CTM-12        | 2069           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-D-7     | Spring        | Sopetrán              | Vereda                    | Los Aguacates                   | 4698309   | 2288985    | CTM-12        | 2328           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-I-D-8     | Spring        | Sopetrán              | Vereda                    | Los Aguacates                   | 4698854   | 2288876    | CTM-12        | 2423           | Pzin                 | Metamorphic | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-I-D-9     | Spring        | Sopetrán              | Vereda                    | Los Aguacates                   | 4697451   | 2288441    | CTM-12        | 2174           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-II-C-1    | Spring        | Sopetrán              | Vereda                    | La Isleta                       | 4701294   | 2286933    | CTM-12        | 2359           | Pzin                 | Metamorphic | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-III-B-105 | Hand-dug well | Sopetrán              | Vereda                    | Guaymaral                       | 4690958   | 2277110    | CTM-12        | 494            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-116 | Hand-dug well | Sopetrán              | Vereda                    | Guaymaral                       | 4690914   | 2277165    | CTM-12        | 501            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-127 | Hand-dug well | Sopetrán              | Vereda                    | Guaymaral                       | 4690869   | 2277171    | CTM-12        | 507            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-169 | Hand-dug well | Sopetrán              | Vereda                    | Guaymaral                       | 4691303   | 2276586    | CTM-12        | 499            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-180 | Hand-dug well | Sopetrán              | Vereda                    | El Rodeo                        | 4691890   | 2278436    | CTM-12        | 526            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-181 | Hand-dug well | Sopetrán              | Vereda                    | Guaymaral                       | 4691397   | 2276625    | CTM-12        | 495            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |



| FUNIAS code   | Type of point | Municipality | Type of population center | Population center name | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|--------------|---------------------------|------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-B-186 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691200   | 2276708    | CTM-12        | 496            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-B-187 | Spring        | Sopetrán     | Vereda                    | El Rodeo               | 4691536   | 2278732    | CTM-12        | 511            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-188 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691307   | 2276759    | CTM-12        | 499            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-189 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691360   | 2276728    | CTM-12        | 496            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-190 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691366   | 2276726    | CTM-12        | 496            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-191 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691209   | 2276713    | CTM-12        | 496            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Primary   |
| 130-III-B-192 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691270   | 2276631    | CTM-12        | 497            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-B-193 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691271   | 2276735    | CTM-12        | 499            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-194 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691171   | 2276771    | CTM-12        | 501            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-B-195 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691228   | 2276849    | CTM-12        | 495            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-196 | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo               | 4692967   | 2278005    | CTM-12        | 547            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-197 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691154   | 2276858    | CTM-12        | 498            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-198 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691156   | 2276793    | CTM-12        | 501            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-B-199 | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo               | 4691196   | 2276612    | CTM-12        | 507            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-B-200 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691307   | 2276668    | CTM-12        | 500            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-201 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691375   | 2276679    | CTM-12        | 496            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 130-III-B-202 | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral              | 4691139   | 2276847    | CTM-12        | 498            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-203 | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo               | 4691867   | 2277895    | CTM-12        | 526            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-204 | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo               | 4693937   | 2277750    | CTM-12        | 588            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-205 | Hand-dug well | Sopetrán     | Vereda                    | Córdoba                | 4693516   | 2279052    | CTM-12        | 562            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-206 | Hand-dug well | Sopetrán     | Vereda                    | Córdoba                | 4693867   | 2278999    | CTM-12        | 579            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-207 | Hand-dug well | Sopetrán     | Vereda                    | Córdoba                | 4693824   | 2279228    | CTM-12        | 568            | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 130-III-B-208 | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo               | 4690865   | 2278357    | CTM-12        | 497            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-209 | Spring        | Sopetrán     | Vereda                    | Rojas                  | 4697874   | 2276677    | CTM-12        | 1020           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-B-211 | Spring        | Sopetrán     | Vereda                    | Montegrande            | 4700308   | 2281284    | CTM-12        | 1773           | Pzin                 | Metamorphic | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-III-B-212 | Spring        | Sopetrán     | Vereda                    | Potrero                | 4698373   | 2281125    | CTM-12        | 1081           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-B-213 | Spring        | Sopetrán     | Vereda                    | El Pomar               | 4699905   | 2283790    | CTM-12        | 1797           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-B-214 | Spring        | Sopetrán     | Vereda                    | Otrabanda              | 4697151   | 2277335    | CTM-12        | 798            | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-215 | Spring        | Sopetrán     | Vereda                    | Rojas                  | 4698489   | 2277554    | CTM-12        | 1082           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-III-B-216 | Well          | Sopetrán     | Vereda                    | Los Almendros          | 4690868   | 2277428    | CTM-12        | 488            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-217 | Spring        | Sopetrán     | Vereda                    | La Aguada              | 4698622   | 2277142    | CTM-12        | 1209           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Primary   |
| 130-III-B-219 | Spring        | Sopetrán     | Vereda                    | La Aguada              | 4699733   | 2280140    | CTM-12        | 1578           | Pzin                 | Metamorphic | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-III-B-22  | Hand-dug well | Sopetrán     | Vereda                    | Los Almendros          | 4690066   | 2278442    | CTM-12        | 482            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-220 | Spring        | Sopetrán     | Vereda                    | La Miranda             | 4695346   | 2278632    | CTM-12        | 689            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-B-221 | Spring        | Sopetrán     | Vereda                    | El Mestizo             | 4699817   | 2276742    | CTM-12        | 1250           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |

| FUNIAS code   | Type of point | Municipality | Type of population center | Population center name    | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|--------------|---------------------------|---------------------------|------------|-------------|---------------|----------------|----------------------|-------------|----------|--------------|---------------------------|-----------|
| 130-III-B-222 | Spring        | Sopetrán     | Cabecera municipal        | Cabecera municipal        | 4696216    | 2277053     | CTM-12        | 757            | Ngas                 | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 130-III-B-23  | Well          | Sopetrán     | Vereda                    | El Rodeo                  | 4691628    | 2278521     | CTM-12        | 519            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-24  | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo                  | 4690366    | 2278381     | CTM-12        | 481            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-25  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4691134    | 2277028     | CTM-12        | 496            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-26  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Tierra Mítica | 4689420    | 2278285     | CTM-12        | 493            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-27  | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo                  | 4691670    | 2276790     | CTM-12        | 507            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-28  | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo                  | 4693994    | 2277632     | CTM-12        | 586            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-29  | Hand-dug well | Sopetrán     | Vereda                    | Rodeo parte baja          | 4691011    | 2280494     | CTM-12        | 483            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-30  | Hand-dug well | Sopetrán     | Vereda                    | La Miranda                | 4695119    | 2278423     | CTM-12        | 663            | Pgam                 | Sedimentary | Primary  | Medium       | Medium                    | Secondary |
| 130-III-B-37  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4691045    | 2277107     | CTM-12        | 494            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-38  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4691066    | 2277130     | CTM-12        | 491            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-4   | Hand-dug well | Sopetrán     | Vereda                    | Guaimaral                 | 4691127    | 2277021     | CTM-12        | 496            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-45  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4691085    | 2277150     | CTM-12        | 489            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-5   | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo                  | 4694490    | 2277400     | CTM-12        | 625            | Qt                   | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-53  | Hand-dug well | Sopetrán     | Vereda                    | La Miranda                | 4695148    | 2278409     | CTM-12        | 664            | Pgam                 | Sedimentary | Primary  | Medium       | Medium                    | Secondary |
| 130-III-B-54  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4690924    | 2277168     | CTM-12        | 499            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-57  | Hand-dug well | Sopetrán     | Vereda                    | Agua Mala (casco urbano)  | 4695223    | 2277627     | CTM-12        | 657            | Qt                   | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-58  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4690856    | 2277053     | CTM-12        | 505            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-60  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4690965    | 2277056     | CTM-12        | 496            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-71  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4690994    | 2277070     | CTM-12        | 496            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-82  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4691047    | 2277127     | CTM-12        | 493            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-93  | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo                  | 4691753    | 2278471     | CTM-12        | 519            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-B-94  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                 | 4691015    | 2277168     | CTM-12        | 498            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-D-10  | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Alto            | 4696394    | 2274386     | CTM-12        | 608            | Ngas                 | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 130-III-D-100 | Hand-dug well | Sopetrán     | Vereda                    | Ahuymal                   | 4693119    | 2274607     | CTM-12        | 525            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-D-101 | Hand-dug well | Sopetrán     | Vereda                    | Ahuymal                   | 4691819    | 2275653     | CTM-12        | 513            | Pgam                 | Sedimentary | Primary  | Medium       | Medium                    | Secondary |
| 130-III-D-102 | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Bajo            | 4693259    | 2274419     | CTM-12        | 526            | Pgai                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 130-III-D-103 | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Bajo            | 4693731    | 2274286     | CTM-12        | 532            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-D-104 | Hand-dug well | Sopetrán     | Vereda                    | Ahuymal                   | 4693533    | 2274108     | CTM-12        | 532            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-D-105 | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Bajo            | 4693664    | 2273913     | CTM-12        | 535            | Qal                  | Deposits    | Primary  | High         | Very high                 | Secondary |
| 130-III-D-106 | Hand-dug well | Sopetrán     | Vereda                    | Piedras Verdes            | 4694338    | 2273349     | CTM-12        | 548            | Pgai                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 130-III-D-107 | Hand-dug well | Sopetrán     | Vereda                    | Piedras Verdes            | 4694300    | 2273389     | CTM-12        | 548            | Pgai                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 130-III-D-108 | Hand-dug well | Sopetrán     | Vereda                    | Piedras Verdes            | 4694168    | 2273481     | CTM-12        | 540            | Pgai                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 130-III-D-109 | Hand-dug well | Sopetrán     | Vereda                    | Piedras Verdes            | 4694260    | 2273399     | CTM-12        | 547            | Pgai                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 130-III-D-112 | Hand-dug well | Sopetrán     | Vereda                    | Piedras Verdes            | 4694291    | 2273339     | CTM-12        | 542            | Pgai                 | Sedimentary | Primary  | High         | High                      | Primary   |

| FUNIAS code   | Type of point | Municipality | Type of population center | Population center name      | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|---------------|---------------|--------------|---------------------------|-----------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-D-113 | Hand-dug well | Sopetrán     | Vereda                    | Al frente de Piedras Verdes | 4694296    | 2273252     | CTM-12        | 549            | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 130-III-D-118 | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Bajo              | 4695215    | 2273297     | CTM-12        | 568            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-119 | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Bajo              | 4695263    | 2273311     | CTM-12        | 563            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-12  | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Alto              | 4696109    | 2274408     | CTM-12        | 594            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-122 | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Medio             | 4695490    | 2273693     | CTM-12        | 580            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-129 | Spring        | Sopetrán     | Vereda                    | Tafetanes                   | 4697528    | 2275517     | CTM-12        | 725            | Ngas                 | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 130-III-D-13  | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Alto              | 4696096    | 2274439     | CTM-12        | 595            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-132 | Spring        | Sopetrán     | Vereda                    | Llano de Montaña            | 4696489    | 2276279     | CTM-12        | 810            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 130-III-D-14  | Hand-dug well | Sopetrán     | Vereda                    | Bosques de Occidente        | 4695840    | 2275118     | CTM-12        | 655            | Ngas                 | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 130-III-D-15  | Hand-dug well | Sopetrán     | Vereda                    | Ahuymal                     | 4692093    | 2275494     | CTM-12        | 511            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-16  | Hand-dug well | Sopetrán     | Vereda                    | No information              | 4692315    | 2275445     | CTM-12        | 509            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-17  | Hand-dug well | Sopetrán     | Vereda                    | Llano de Montaña            | 4695218    | 2275335     | CTM-12        | 687            | Ngas                 | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 130-III-D-18  | Hand-dug well | Sopetrán     | Vereda                    | No information              | 4693847    | 2273748     | CTM-12        | 546            | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 130-III-D-19  | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo                    | 4691825    | 2276407     | CTM-12        | 507            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-20  | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Bajo              | 4693928    | 2273702     | CTM-12        | 549            | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 130-III-D-28  | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Alto              | 4696224    | 2274431     | CTM-12        | 602            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-4   | Hand-dug well | Sopetrán     | Vereda                    | La Puerta                   | 4692629    | 2275219     | CTM-12        | 516            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-5   | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes                   | 4696393    | 2274393     | CTM-12        | 608            | Ngas                 | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 130-III-D-60  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                   | 4691404    | 2276422     | CTM-12        | 499            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-62  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                   | 4691373    | 2276524     | CTM-12        | 495            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-63  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                   | 4691293    | 2276513     | CTM-12        | 502            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-64  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                   | 4691305    | 2276509     | CTM-12        | 503            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-68  | Hand-dug well | Sopetrán     | Vereda                    | San Nicolás                 | 4687971    | 2273988     | CTM-12        | 493            | Ksts                 | Igneous     | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-III-D-7   | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Alto              | 4696464    | 2274503     | CTM-12        | 606            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-70  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                   | 4691147    | 2276525     | CTM-12        | 508            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-71  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación La vid 2        | 4691293    | 2276409     | CTM-12        | 510            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-72  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación La vid 2        | 4691316    | 2276462     | CTM-12        | 502            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-73  | Hand-dug well | Sopetrán     | Vereda                    | Guaymaral                   | 4691419    | 2276376     | CTM-12        | 503            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-74  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal        | 4692707    | 2275186     | CTM-12        | 521            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-75  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal        | 4692847    | 2275092     | CTM-12        | 517            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-76  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal        | 4692806    | 2275070     | CTM-12        | 519            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-77  | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo                    | 4692059    | 2276352     | CTM-12        | 519            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-78  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal        | 4692874    | 2275150     | CTM-12        | 513            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-79  | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal        | 4692663    | 2275023     | CTM-12        | 526            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-8   | Hand-dug well | Sopetrán     | Vereda                    | Tafetanes Alto              | 4696488    | 2274546     | CTM-12        | 605            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 130-III-D-80 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692789    | 2275152     | CTM-12        | 512            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-81 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692652    | 2275050     | CTM-12        | 525            | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Secondary |
| 130-III-D-82 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692640    | 2275140     | CTM-12        | 517            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-83 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692673    | 2275193     | CTM-12        | 521            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-84 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692662    | 2275131     | CTM-12        | 516            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-85 | Hand-dug well | Sopetrán     | Vereda                    | El Rodeo               | 4692345    | 2275710     | CTM-12        | 512            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-86 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692620    | 2275215     | CTM-12        | 516            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-87 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692508    | 2275279     | CTM-12        | 514            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-88 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692367    | 2275470     | CTM-12        | 512            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-89 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692282    | 2275528     | CTM-12        | 501            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-90 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692416    | 2275385     | CTM-12        | 518            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-91 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692347    | 2275344     | CTM-12        | 511            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-92 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692452    | 2275353     | CTM-12        | 516            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-93 | Hand-dug well | Sopetrán     | Vereda                    | Guayamaral             | 4692574    | 2275279     | CTM-12        | 511            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-94 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692553    | 2275200     | CTM-12        | 513            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-95 | Hand-dug well | Sopetrán     | Vereda                    | Parcelación Ahuyamal   | 4692615    | 2275169     | CTM-12        | 516            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-96 | Hand-dug well | Sopetrán     | Vereda                    | Ahuyamal               | 4692944    | 2274802     | CTM-12        | 520            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-97 | Hand-dug well | Sopetrán     | Vereda                    | Ahuyamal               | 4693102    | 2274679     | CTM-12        | 532            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-98 | Hand-dug well | Sopetrán     | Vereda                    | Ahuyamal               | 4693200    | 2274504     | CTM-12        | 531            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-III-D-99 | Hand-dug well | Sopetrán     | Vereda                    | Ahuyamal               | 4693165    | 2274600     | CTM-12        | 525            | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 130-IV-A-1   | Spring        | Sopetrán     | Vereda                    | La Isleta              | 4701480    | 2286264     | CTM-12        | 2492           | Pzin                 | Metamorphic | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-A-2   | Spring        | Sopetrán     | Vereda                    | El Mestizo             | 4701488    | 2277133     | CTM-12        | 1780           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-A-3   | Spring        | Sopetrán     | Vereda                    | Montegrande            | 4703487    | 2281375     | CTM-12        | 2308           | Pzin                 | Metamorphic | Secondary by fracturing | Very low     | Medium                    | Secondary |
| 130-IV-A-4   | Spring        | Sopetrán     | Vereda                    | Chachafruto            | 4701984    | 2278399     | CTM-12        | 1582           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-A-5   | Spring        | Sopetrán     | Vereda                    | La Aguada              | 4700623    | 2279641     | CTM-12        | 1559           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-A-6   | Spring        | Sopetrán     | Vereda                    | Chachafruto            | 4701689    | 2278821     | CTM-12        | 1503           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-A-7   | Spring        | Sopetrán     | Vereda                    | Rojas                  | 4701216    | 2278101     | CTM-12        | 1597           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 130-IV-A-8   | Spring        | Sopetrán     | Vereda                    | Malpaso                | 4701918    | 2277866     | CTM-12        | 1721           | Pzes                 | Metamorphic | Secondary by fracturing | Very low     | Low                       | Secondary |
| 166-III-D-19 | Spring        | Támesis      | Vereda                    | Río Frio               | 4697118    | 2191186     | CTM-12        | 2232           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-D-20 | Spring        | Támesis      | Vereda                    | La Alacena             | 4699586    | 2191727     | CTM-12        | 1764           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-D-21 | Spring        | Támesis      | Vereda                    | La Alacena             | 4700423    | 2190262     | CTM-12        | 1485           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-D-22 | Spring        | Támesis      | Vereda                    | Río Frio               | 4695457    | 2187096     | CTM-12        | 2381           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-D-23 | Spring        | Támesis      | Vereda                    | Río Frio               | 4694464    | 2188120     | CTM-12        | 2196           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-D-24 | Spring        | Támesis      | Vereda                    | La Alacena             | 4700127    | 2190582     | CTM-12        | 1635           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-D-25 | Spring        | Támesis      | Vereda                    | La Alacena             | 4697957    | 2189326     | CTM-12        | 2049           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-D-27 | Spring        | Támesis      | Vereda                    | San Luis               | 4698886    | 2187899     | CTM-12        | 1579           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |

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|--------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 166-III-D-28 | Spring        | Támesis      | Vereda                    | San Luis               | 4698608    | 2188039     | CTM-12        | 1630           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 166-IV-C-75  | Spring        | Támesis      | Vereda                    | La Virgen              | 4701070    | 2194438     | CTM-12        | 1438           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-76  | Spring        | Támesis      | Vereda                    | La Alacena             | 4700917    | 2190668     | CTM-12        | 1385           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-77  | Spring        | Támesis      | Vereda                    | Santa Teresa           | 4701092    | 2192679     | CTM-12        | 1369           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-78  | Spring        | Támesis      | Vereda                    | El Tambor              | 4701178    | 2190148     | CTM-12        | 1296           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-79  | Spring        | Támesis      | Vereda                    | El Líbano              | 4701024    | 2191189     | CTM-12        | 1296           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-87  | Spring        | Támesis      | Vereda                    | Santa Teresa           | 4700636    | 2193274     | CTM-12        | 1586           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-88  | Spring        | Támesis      | Vereda                    | Santa Teresa           | 4700510    | 2193290     | CTM-12        | 1627           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-89  | Spring        | Támesis      | Vereda                    | Santa Teresa           | 4700895    | 2193349     | CTM-12        | 1550           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-10   | Spring        | Támesis      | Vereda                    | El Tacón               | 4691108    | 2185081     | CTM-12        | 2261           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-11   | Spring        | Támesis      | Vereda                    | La Mesa                | 4700024    | 2186202     | CTM-12        | 1502           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 186-I-B-17   | Spring        | Támesis      | Vereda                    | San Luis               | 4699151    | 2186085     | CTM-12        | 1647           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 186-I-B-18   | Spring        | Támesis      | Cabecera municipal        | Cabecera municipal     | 4698929    | 2184675     | CTM-12        | 1693           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-I-B-19   | Spring        | Támesis      | Cabecera municipal        | Cabecera municipal     | 4699556    | 2184747     | CTM-12        | 1640           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 186-I-B-20   | Spring        | Támesis      | Vereda                    | El Encanto             | 4699905    | 2185271     | CTM-12        | 1584           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 186-I-B-21   | Spring        | Támesis      | Cabecera municipal        | Cabecera municipal     | 4699713    | 2184782     | CTM-12        | 1614           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 186-I-B-4    | Spring        | Támesis      | Vereda                    | Otrabanda              | 4697651    | 2183663     | CTM-12        | 2347           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Primary   |
| 186-II-A-10  | Spring        | Támesis      | Vereda                    | San Pedro              | 4701286    | 2181635     | CTM-12        | 1189           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Primary   |
| 186-II-A-8   | Spring        | Támesis      | Vereda                    | El Encanto             | 4701156    | 2185853     | CTM-12        | 1294           | Qt                   | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 186-II-A-9   | Spring        | Támesis      | Vereda                    | Nudillales             | 4702356    | 2181140     | CTM-12        | 1395           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-C-3    | Spring        | Tarso        | Vereda                    | La Dolores             | 4683976    | 2207650     | CTM-12        | 1095           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-C-4    | Spring        | Tarso        | Vereda                    | Morron                 | 4682696    | 2206787     | CTM-12        | 1476           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-C-5    | Spring        | Tarso        | Vereda                    | La Dolores             | 4683837    | 2208644     | CTM-12        | 1126           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-19   | Spring        | Tarso        | Vereda                    | Mulatico               | 4685809    | 2207408     | CTM-12        | 1476           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-I-D-20   | Spring        | Tarso        | Vereda                    | El Hoyo (parte alta)   | 4689046    | 2206871     | CTM-12        | 1343           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-I-D-7    | Spring        | Tarso        | Vereda                    | Cannan                 | 4692353    | 2207852     | CTM-12        | 695            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-D-8    | Spring        | Tarso        | Vereda                    | Mulatico               | 4685877    | 2207351     | CTM-12        | 1496           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-D-9    | Spring        | Tarso        | Vereda                    | Mulatico               | 4686096    | 2208523     | CTM-12        | 1214           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-20 | Spring        | Tarso        | Vereda                    | La Arboleada           | 4685235    | 2204464     | CTM-12        | 1600           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-A-29 | Spring        | Tarso        | Vereda                    | La Arboleada           | 4685307    | 2203455     | CTM-12        | 1572           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-A-30 | Spring        | Tarso        | Vereda                    | La Arboleada           | 4685422    | 2203995     | CTM-12        | 1631           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-14 | Spring        | Tarso        | Vereda                    | El Castillo            | 4690660    | 2202939     | CTM-12        | 1213           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-B-24 | Spring        | Tarso        | Vereda                    | Cannan                 | 4690044    | 2203468     | CTM-12        | 1260           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-B-25 | Spring        | Tarso        | Vereda                    | Cannan                 | 4690762    | 2204431     | CTM-12        | 1112           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-B-26 | Spring        | Tarso        | Vereda                    | El Cedron              | 4686612    | 2203103     | CTM-12        | 1712           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-III-B-33 | Spring        | Tarso        | Vereda                    | Tacamacho              | 4686937    | 2205443     | CTM-12        | 1563           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-34 | Spring        | Tarso        | Vereda                    | La Germania            | 4687147    | 2204157     | CTM-12        | 1776           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-35 | Spring        | Tarso        | Vereda                    | La Linda               | 4686651    | 2203738     | CTM-12        | 1755           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-III-B-36 | Spring        | Tarso        | Vereda                    | La Linda               | 4686162    | 2203859     | CTM-12        | 1700           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Primary   |
| 146-III-C-8  | Spring        | Titiribi     | Vereda                    | El Morro               | 4684722    | 2229658     | CTM-12        | 805            | Ngc                  | Igneous     | Primary                 | Medium       | High                      | Secondary |
| 146-III-D-10 | Spring        | Titiribi     | Vereda                    | Otramina               | 4690570    | 2229192     | CTM-12        | 1553           | Qcl                  | Deposits    | Primary                 | Low          | High                      | Secondary |
| 146-III-D-11 | Spring        | Titiribi     | Vereda                    | El Corcovado           | 4691745    | 2226908     | CTM-12        | 1791           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 146-III-D-12 | Spring        | Titiribi     | Vereda                    | Sitio Viejo            | 4690579    | 2230497     | CTM-12        | 1335           | Kíca                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |

| FUNIAS code  | Type of point | Municipality | Type of population center | Population center name | East coor. | North coor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|--------------|---------------|--------------|---------------------------|------------------------|------------|-------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 146-III-D-13 | Spring        | Tiiribí      | Vereda                    | El Corcovado           | 4693197    | 2227073     | CTM-12        | 1674           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 146-III-D-14 | Spring        | Tiiribí      | Vereda                    | Sitio Viejo            | 4691067    | 2229407     | CTM-12        | 1379           | Qcl                  | Deposits    | Primary                 | Low          | High                      | Secondary |
| 146-III-D-15 | Spring        | Tiiribí      | Vereda                    | El Corcovado           | 4692292    | 2228317     | CTM-12        | 1661           | Kica                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 146-III-D-16 | Spring        | Tiiribí      | Vereda                    | El Corcovado           | 4692206    | 2228238     | CTM-12        | 1650           | Kica                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 146-III-D-28 | Spring        | Tiiribí      | Vereda                    | Otramina               | 4688139    | 2228875     | CTM-12        | 2030           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 146-III-D-29 | Spring        | Tiiribí      | Vereda                    | Otramina               | 4688762    | 2228627     | CTM-12        | 2024           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 146-III-D-3  | Spring        | Tiiribí      | Vereda                    | El Corcovado           | 4692137    | 2226837     | CTM-12        | 1699           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 146-III-D-30 | Spring        | Tiiribí      | Cabecera municipal        | Cabecera municipal     | 4690936    | 2228546     | CTM-12        | 1569           | Qcl                  | Deposits    | Primary                 | Low          | High                      | Secondary |
| 146-III-D-31 | Spring        | Tiiribí      | Vereda                    | El Retiro              | 4690275    | 2228123     | CTM-12        | 1749           | Qcl                  | Deposits    | Primary                 | Low          | High                      | Secondary |
| 146-III-D-4  | Spring        | Tiiribí      | Vereda                    | Otramina               | 4688663    | 2229914     | CTM-12        | 1754           | Kica                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Primary   |
| 146-III-D-5  | Spring        | Tiiribí      | Vereda                    | Otramina               | 4688355    | 2230168     | CTM-12        | 1856           | Kivng                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 146-III-D-6  | Spring        | Tiiribí      | Vereda                    | Los Micos              | 4693317    | 2229127     | CTM-12        | 1644           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 146-III-D-7  | Spring        | Tiiribí      | Vereda                    | La Peña                | 4694151    | 2227758     | CTM-12        | 1755           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Primary   |
| 146-III-D-8  | Spring        | Tiiribí      | Vereda                    | El Corcovado           | 4692515    | 2226862     | CTM-12        | 1670           | Pgam                 | Sedimentary | Primary                 | Medium       | Medium                    | Primary   |
| 146-III-D-9  | Spring        | Tiiribí      | Vereda                    | Sitio Viejo            | 4690743    | 2229385     | CTM-12        | 1467           | Qcl                  | Deposits    | Primary                 | Low          | High                      | Secondary |
| 166-I-B-10   | Spring        | Tiiribí      | Vereda                    | El Porvenir            | 4691915    | 2224933     | CTM-12        | 1459           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-11   | Spring        | Tiiribí      | Vereda                    | La Meseta              | 4689993    | 2224130     | CTM-12        | 1564           | Kivng                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-I-B-18   | Spring        | Tiiribí      | Vereda                    | La Meseta              | 4689510    | 2226519     | CTM-12        | 1978           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 166-I-B-19   | Spring        | Tiiribí      | Vereda                    | La Meseta              | 4689895    | 2224589     | CTM-12        | 1761           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-6    | Spring        | Tiiribí      | Vereda                    | El Porvenir            | 4695280    | 2225477     | CTM-12        | 1144           | Qal                  | Deposits    | Primary                 | High         | Very high                 | Secondary |
| 166-I-B-7    | Spring        | Tiiribí      | Vereda                    | La Meseta              | 4689502    | 2226528     | CTM-12        | 1982           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-8    | Spring        | Tiiribí      | Vereda                    | El Porvenir            | 4692132    | 2226543     | CTM-12        | 1656           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 116-I-B-1    | Spring        | Valdivia     | Vereda                    | Ventanas               | 4726261    | 2341256     | CTM-12        | 2087           | Pzev                 | Metamorphic | Secondary by fracturing | Medium       | Low                       | Secondary |
| 166-IV-C-61  | Spring        | Valparaiso   | Vereda                    | La Bocana              | 4709187    | 2187091     | CTM-12        | 796            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-62  | Spring        | Valparaiso   | Vereda                    | La Fabiana             | 4707708    | 2187291     | CTM-12        | 977            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-63  | Spring        | Valparaiso   | Vereda                    | La Fabiana             | 4707322    | 2186948     | CTM-12        | 909            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-64  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707586    | 2189510     | CTM-12        | 919            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-65  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707433    | 2189125     | CTM-12        | 946            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-66  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707317    | 2188974     | CTM-12        | 946            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-67  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707577    | 2187266     | CTM-12        | 986            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-68  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707009    | 2188324     | CTM-12        | 956            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-69  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707609    | 2188319     | CTM-12        | 1002           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-70  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707649    | 2188677     | CTM-12        | 1006           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-IV-C-71  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707296    | 2189842     | CTM-12        | 900            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-72  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707436    | 2187177     | CTM-12        | 964            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-73  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707423    | 2187200     | CTM-12        | 965            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-74  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4708115    | 2191043     | CTM-12        | 764            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-IV-C-81  | Spring        | Valparaiso   | Vereda                    | Itima                  | 4707450    | 2189432     | CTM-12        | 934            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-A-1   | Spring        | Valparaiso   | Vereda                    | Machonta               | 4713678    | 2178456     | CTM-12        | 772            | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 186-II-A-11  | Spring        | Valparaiso   | Vereda                    | Las Sardinas           | 4709158    | 2180034     | CTM-12        | 1295           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-A-12  | Spring        | Valparaiso   | Vereda                    | El Bosque              | 4707338    | 2178698     | CTM-12        | 1460           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-A-13  | Spring        | Valparaiso   | Vereda                    | Machonta               | 4710554    | 2178607     | CTM-12        | 1454           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |

| FUNIAS code | Type of point | Municipality | Type of population center | Population center name | East cor. | North cor. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity                | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|--------------|---------------------------|------------------------|-----------|------------|---------------|----------------|----------------------|-------------|-------------------------|--------------|---------------------------|-----------|
| 186-II-A-14 | Spring        | Valparaiso   | Vereda                    | Santa Ana              | 4709343   | 2177260    | CTM-12        | 1748           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-A-15 | Well          | Valparaiso   | Vereda                    | La Barca               | 4713620   | 2183353    | CTM-12        | 658            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-A-16 | Hand-dug well | Valparaiso   | Vereda                    | Sabaleras - La Virgen  | 4708515   | 2179784    | CTM-12        | 1284           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-A-17 | Hand-dug well | Valparaiso   | Vereda                    | Villanueva             | 4709486   | 2179252    | CTM-12        | 1380           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-18 | Hand-dug well | Valparaiso   | Vereda                    | Las Sardinias          | 4709192   | 2181073    | CTM-12        | 1121           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-19 | Hand-dug well | Valparaiso   | Vereda                    | Las Sardinias          | 4708793   | 2181250    | CTM-12        | 1111           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-2  | Spring        | Valparaiso   | Vereda                    | La Barca               | 4712361   | 2183927    | CTM-12        | 969            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-20 | Spring        | Valparaiso   | Vereda                    | La Fabiana             | 4706626   | 2184312    | CTM-12        | 934            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-A-21 | Spring        | Valparaiso   | Vereda                    | La Meseta              | 4707479   | 2179886    | CTM-12        | 1336           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-22 | Spring        | Valparaiso   | Vereda                    | Playa Rica             | 4704254   | 2178321    | CTM-12        | 1257           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-23 | Spring        | Valparaiso   | Vereda                    | El Bosque              | 4707450   | 2178711    | CTM-12        | 1497           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-24 | Spring        | Valparaiso   | Vereda                    | Santa Ana              | 4709200   | 2178772    | CTM-12        | 1411           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-II-A-25 | Spring        | Valparaiso   | Vereda                    | Santa Ana              | 4709195   | 2178766    | CTM-12        | 1414           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-II-A-26 | Spring        | Valparaiso   | Vereda                    | Santa Ana              | 4709444   | 2178579    | CTM-12        | 1442           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-II-A-27 | Spring        | Valparaiso   | Vereda                    | Machonta               | 4710909   | 2177759    | CTM-12        | 1341           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-28 | Spring        | Valparaiso   | Vereda                    | Palmichal              | 4709399   | 2178812    | CTM-12        | 1391           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-II-A-29 | Spring        | Valparaiso   | Vereda                    | El Bosque              | 4708152   | 2178948    | CTM-12        | 1460           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-3  | Spring        | Valparaiso   | Vereda                    | La Barca               | 4712948   | 2184823    | CTM-12        | 986            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-30 | Spring        | Valparaiso   | Vereda                    | Playa Rica             | 4705985   | 2178295    | CTM-12        | 1466           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-A-31 | Spring        | Valparaiso   | Vereda                    | Playa Rica             | 4704779   | 2178263    | CTM-12        | 1312           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-32 | Spring        | Valparaiso   | Vereda                    | Las Sardinias          | 4708928   | 2180939    | CTM-12        | 1136           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 186-II-A-4  | Spring        | Valparaiso   | Vereda                    | Santa Ana              | 4708973   | 2176936    | CTM-12        | 1910           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 186-II-A-5  | Spring        | Valparaiso   | Vereda                    | La Placita             | 4707327   | 2177726    | CTM-12        | 1662           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-A-6  | Spring        | Valparaiso   | Vereda                    | La Placita             | 4707785   | 2177110    | CTM-12        | 1997           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-A-7  | Spring        | Valparaiso   | Vereda                    | Machonta               | 4710931   | 2179115    | CTM-12        | 1160           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-C-1  | Spring        | Valparaiso   | Vereda                    | El Guayabo             | 4704377   | 2176378    | CTM-12        | 1861           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-C-13 | Spring        | Valparaiso   | Vereda                    | El Libano              | 4708354   | 2176178    | CTM-12        | 2060           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-2  | Spring        | Valparaiso   | Vereda                    | Mallarino              | 4705699   | 2176088    | CTM-12        | 2127           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-3  | Spring        | Valparaiso   | Vereda                    | El Guayabo             | 4704510   | 2176022    | CTM-12        | 1937           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 186-II-C-4  | Spring        | Valparaiso   | Vereda                    | Mallarino              | 4706533   | 2175350    | CTM-12        | 2355           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-5  | Spring        | Valparaiso   | Vereda                    | Mallarino              | 4705586   | 2175428    | CTM-12        | 2271           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 186-II-C-6  | Spring        | Valparaiso   | Vereda                    | Mallarino              | 4706158   | 2174545    | CTM-12        | 2562           | Ngpa                 | Igneous     | N/A                     | N/A          | Null                      | Secondary |
| 186-II-C-8  | Spring        | Valparaiso   | Vereda                    | El Libano              | 4708341   | 2176245    | CTM-12        | 2093           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-B-12  | Spring        | Venezia      | Vereda                    | Cerro Tusa             | 4695767   | 2217094    | CTM-12        | 1532           | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Primary   |
| 166-I-B-13  | Spring        | Venezia      | Corregimiento             | Bolombolo              | 4691208   | 2220224    | CTM-12        | 1282           | Pgai                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-14  | Spring        | Venezia      | Vereda                    | Cerro Tusa             | 4691205   | 2218344    | CTM-12        | 1161           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-15  | Spring        | Venezia      | Corregimiento             | Bolombolo              | 4688306   | 2218587    | CTM-12        | 744            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-16  | Spring        | Venezia      | Vereda                    | La Amalia              | 4697729   | 2216770    | CTM-12        | 1440           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Secondary |
| 166-I-B-20  | Hand-dug well | Venezia      | Corregimiento             | Bolombolo              | 4685891   | 2218392    | CTM-12        | 566            | Ngc                  | Sedimentary | Primary                 | Medium       | High                      | Secondary |
| 166-I-B-21  | Hand-dug well | Venezia      | Cabecera municipal        | Cabecera municipal     | 4697170   | 2217863    | CTM-12        | 1335           | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |
| 166-I-B-22  | Spring        | Venezia      | Corregimiento             | Bolombolo              | 4688815   | 2217252    | CTM-12        | 871            | Kivng                | Igneous     | Secondary by fracturing | Very low     | Low                       | Primary   |
| 166-I-B-23  | Spring        | Venezia      | Corregimiento             | Bolombolo              | 4688530   | 2218869    | CTM-12        | 789            | Ngas                 | Sedimentary | Primary                 | High         | High                      | Primary   |

| FUNIAS code | Type of point | Municipality | Type of population center | Population center name | East coord. | North coord. | Coord. system | masl dimension | Geological unit code | Rock type   | Porosity | Permeability | Hydrogeological potential | Source    |
|-------------|---------------|--------------|---------------------------|------------------------|-------------|--------------|---------------|----------------|----------------------|-------------|----------|--------------|---------------------------|-----------|
| 166-I-B-24  | Spring        | Venecia      | Vereda                    | Cerro Tusa             | 4692703     | 2218606      | CTM-12        | 1373           | Ngas                 | Sedimentary | Primary  | High         | High                      | Primary   |
| 166-I-B-25  | Spring        | Venecia      | Vereda                    | El Ventadero           | 4696346     | 2217551      | CTM-12        | 1351           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Primary   |
| 166-I-B-3   | Spring        | Venecia      | Corregimiento             | Bolombolo              | 4693757     | 2219523      | CTM-12        | 1156           | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-I-D-10  | Spring        | Venecia      | Vereda                    | Villa Silvia           | 4696049     | 2215657      | CTM-12        | 1560           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-I-D-11  | Spring        | Venecia      | Vereda                    | Miraflores             | 4698406     | 2214344      | CTM-12        | 2096           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-I-D-12  | Spring        | Venecia      | Vereda                    | El Rincon              | 4699203     | 2215558      | CTM-12        | 1645           | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-I-D-13  | Spring        | Venecia      | Vereda                    | El Rincon              | 4696407     | 2215965      | CTM-12        | 1730           | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-I-D-14  | Spring        | Venecia      | Vereda                    | Villa Silvia           | 4697074     | 2214918      | CTM-12        | 1677           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-I-D-15  | Spring        | Venecia      | Vereda                    | El Vergel              | 4688595     | 2216029      | CTM-12        | 1760           | Ngc                  | Sedimentary | Primary  | Medium       | High                      | Secondary |
| 166-I-D-16  | Spring        | Venecia      | Vereda                    | Cerro Tusa             | 4699563     | 2215777      | CTM-12        | 785            | Ngas                 | Sedimentary | Primary  | High         | High                      | Secondary |
| 166-I-D-21  | Spring        | Venecia      | Vereda                    | El Rincon              | 4698942     | 2216001      | CTM-12        | 1738           | Ngas                 | Sedimentary | Primary  | High         | High                      | Primary   |
| 166-I-D-22  | Spring        | Venecia      | Vereda                    | La Amalia              | 4697657     | 2216314      | CTM-12        | 1636           | Ngas                 | Sedimentary | Primary  | High         | High                      | Primary   |
| 166-I-D-23  | Spring        | Venecia      | Vereda                    | La Amalia              | 4697657     | 2216314      | CTM-12        | 1504           | Ngas                 | Sedimentary | Primary  | High         | High                      | Primary   |

### Data in kmz

Figure 1. Distribution of the tropical dry forest in Colombia at a scale of 1:100 000

Figure 2. Location of the hydrogeological systems of Antioquia that present progress in their knowledge

Figure 3. Geological map of the study area

Figure 5. Representation of the superposition of water points and hydrogeological potential adjustment