

## SUPPLEMENTARY DATA

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Table S1. Synthesis of groundwater points inventory information

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
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	4699394	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	Pueblito de los Sánchez	4700079	2223731	CTM-12	1942	Kidp	Igneous	Secondary by fracturing	Very low	Medium	Secondary
166-I-B-5	Spring	Amagá	Vereda	Pueblito de los Sánchez	4699929	2223143	CTM-12	2013	Kidp	Igneous	Secondary by fracturing	Very low	Medium	Secondary
166-I-B-9	Spring	Amagá	Vereda	Pueblito de los Bolívares	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	1531	TRga	Igneous	N/A	N/A	Low	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-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	Pueblito 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 Libano	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 Libano	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

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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	Kivqg	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	Vendiagual	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	Travesias	4693117	2239463	CTM-12	1770	Kica	Metamorphic	Secondary by fracturing	Low	Low	Primary
146-III-B-2	Spring	Armenia	Vereda	Cartagüeño	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	1531	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	Travesias	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	Kivqg	Igneous	Primary	Low	Low	Secondary
146-II-A-13	Spring	Bello	Vereda	Llano de Ovejas	4706533	2264472	CTM-12	2648	Ksto	Igneous	Secondary by fracturing	Very low	Null	Secondary
146-II-A-14	Spring	Bello	Vereda	Llano de Ovejas	4706612	2264086	CTM-12	2705	Ksto	Igneous	Secondary by fracturing	Very low	Null	Secondary
146-II-A-15	Spring	Bello	Vereda	Llano de Ovejas	4706717	2265740	CTM-12	2591	Ksto	Igneous	Secondary by fracturing	Very low	Null	Secondary
146-II-A-16	Spring	Bello	Vereda	Ovejas	4705125	2263352	CTM-12	3071	Pzes	Metamorphic	Secondary by fracturing	Very low	Low	Secondary
165-IV-D-1	Spring	Betania	Vereda	Tapartó	4670280	2189599	CTM-12	1652	Ksu	Sedimentary	Primary	Very low	High	Secondary
165-IV-D-2	Spring	Betania	Vereda	La Sucia	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	Travesias	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

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166-III-C-12	Spring	Betania	Vereda	Tapartó	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 Quiebra	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	Briceño	Vereda	Laderas	4723364	2352873	CTM-12	1058	Pūmpt	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	Higabra	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 Arados	4679426	2303229	CTM-12	1853	Kivb	Igneous	Secondary by fracturing	Very low	Low	Secondary
130-I-A-13	Spring	Buriticá	Vereda	Murrupal	4678031	2298048	CTM-12	1831	Kslb	Sedimentary	Primary	Very low	Low	Secondary
130-I-A-14	Spring	Buriticá	Vereda	Murrupal	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	Murrupal	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 coord.	North coord.	Coord. system	masl dimension	Geological unit code	Rock type	Porosity	Permeability	Hydrogeological potential	Source
130-I-A-20	Spring	Buriticá	Vereda	Los Asientos	4679269	2299874	CTM-12	1535	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-21	Spring	Buriticá	Vereda	Los Asientos	4677636	2299590	CTM-12	2088	Ksts	Igneous	Secondary by fracturing	Very low	Medium	Secondary
130-I-A-22	Spring	Buriticá	Vereda	El Naranjo	4679556	2298675	CTM-12	1242	Qal	Deposits	Primary	High	Very high	Secondary
130-I-A-23	Well	Buriticá	Vereda	Los Asientos	4679030	2300095	CTM-12	1563	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-24	Well	Buriticá	Vereda	Los Asientos	4679023	2300094	CTM-12	1563	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-25	Spring	Buriticá	Vereda	Murrupal	4677486	2299134	CTM-12	2168	Ksts	Igneous	Secondary by fracturing	Very low	Medium	Secondary
130-I-A-26	Piezometer	Buriticá	Vereda	Higabra	4680422	2299180	CTM-12	1083	Qal	Deposits	Primary	High	Very high	Secondary
130-I-A-27	Spring	Buriticá	Vereda	El Naranjo	4679229	2299524	CTM-12	1653	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-28	Spring	Buriticá	Vereda	Los Asientos	4679121	2299567	CTM-12	1716	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-29	Spring	Buriticá	Vereda	Los Asientos	4679019	2299596	CTM-12	1704	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-3	Piezometer	Buriticá	Vereda	Los Asientos	4679259	2299699	CTM-12	1610	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-30	Spring	Buriticá	Vereda	Los Asientos	4678772	2299653	CTM-12	1751	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-31	Spring	Buriticá	Vereda	Los Asientos	4678920	2299632	CTM-12	1669	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-32	Spring	Buriticá	Vereda	Los Asientos	4679007	2299914	CTM-12	1615	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-33	Spring	Buriticá	Vereda	Los Asientos	4678904	2300161	CTM-12	1549	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-34	Spring	Buriticá	Vereda	Los Asientos	4678932	2300161	CTM-12	1548	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-35	Spring	Buriticá	Vereda	Los Asientos	4679013	2299547	CTM-12	1729	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-36	Spring	Buriticá	Vereda	Higabra	4680526	2298983	CTM-12	1095	Qal	Deposits	Primary	High	Very high	Secondary
130-I-A-37	Spring	Buriticá	Vereda		4678740	2299871	CTM-12	1751	Pgab	Igneous	Secondary by fracturing	Low	Medium	Primary
130-I-A-38	Spring	Buriticá	Vereda	Higabra	4680921	2300856	CTM-12	861	Kivb	Igneous	Secondary by fracturing	Very low	Low	Secondary
130-I-A-39	Spring	Buriticá	Vereda	Higabra	4679643	2298059	CTM-12	1325	Qal	Deposits	Primary	High	Very high	Secondary
130-I-A-4	Piezometer	Buriticá	Vereda	Los Asientos	4678510	2299599	CTM-12	1832	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-40	Spring	Buriticá	Vereda	Higabra	4679544	2298674	CTM-12	1242	Qal	Deposits	Primary	High	Very high	Secondary
130-I-A-5	Piezometer	Buriticá	Vereda	El Naranjo	4679199	2299158	CTM-12	1501	Pgab	Igneous	Secondary by fracturing	Low	Medium	Secondary
130-I-A-6	Piezometer	Buriticá	Vereda	Los Asientos	4678709	2299503	CTM-12	1749	Pgab	Igneous	Secondary by fracturing	Low	Medium	Primary
130-I-A-7	Piezometer	Buriticá	Vereda	Higabra	4679977	2298878	CTM-12	1154	Qal	Deposits	Primary	High	Very high	Primary
130-I-A-8	Piezometer	Buriticá	Vereda	Higabra	4680421	2299174	CTM-12	1083	Qal	Deposits	Primary	High	Very high	Secondary
130-I-A-9	Piezometer	Buriticá	Vereda	Higabra	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 Sauces	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	Asesi	4669677	2267792	CTM-12	1994	Ksu	Sedimentary	Primary	Very low	High	Primary
129-IV-D-6	Spring	Caicedo	Vereda	Asesi	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

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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	Kivqg	Volcano-sedime*	Secondary by fracturing	Very low	Low	Secondary
146-IV-C-8	Spring	Caldas	Vereda	La Chuscala	4706857	2228337	CTM-12	1931	Kivqg	Volcano-sedime*	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 Frisolera	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-II-D-1	Spring	Ciudad Bolívar	Vereda	Manzanillo	4665335	2208586	CTM-12	1485	Ksu	Sedimentary	Primary	Very low	High	Secondary
165-II-D-2	Spring	Ciudad Bolívar	Vereda	San Miguel	4669939	2207923	CTM-12	1430	Ksu	Sedimentary	Primary	Very low	High	Secondary
165-II-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 Arboleda	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 Arboleda	4667128	2199206	CTM-12	1322	Ksu	Sedimentary	Primary	Very low	High	Secondary
165-IV-B-4	Spring	Ciudad Bolívar	Vereda	La Arboleda	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 Silencio - 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

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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-1	Spring	Concordia	Vereda	Morron	4681140	2231718	CTM-12	1403	Kivb	Igneous	Primary	Medium	Low	Secondary
146-III-C-10	Spring	Concordia	Vereda	Yarumal	4679312	2227880	CTM-12	1961	Kivb	Igneous	Primary	Medium	Low	Secondary
146-III-C-11	Spring	Concordia	Vereda	Burgos sector La Arboleda	4672565	2233616	CTM-12	2200	Ksu	Sedimentary	Primary	Very low	High	Secondary
146-III-C-2	Spring	Concordia	Vereda	Yarumal	4678091	2228533	CTM-12	2049	Kivb	Igneous	Primary	Medium	Low	Secondary
146-III-C-3	Spring	Concordia	Vereda	Ventanas	4676859	2229079	CTM-12	1729	Kivb	Igneous	Primary	Medium	Low	Secondary
146-III-C-4	Spring	Concordia	Vereda	La Cristalina	4676381	2229434	CTM-12	1409	Kivb	Igneous	Primary	Medium	Low	Secondary
146-III-C-5	Spring	Concordia	Vereda	Caunzal	4672647	2227750	CTM-12	1820	Ksu	Sedimentary	Primary	Very low	High	Secondary
146-III-C-6	Spring	Concordia	Vereda	La Cristalina	4675361	2234692	CTM-12	2090	Kivb	Igneous	Primary	Medium	Low	Secondary
146-III-C-7	Spring	Concordia	Vereda	El Chocho	4671808	2230502	CTM-12	1764	Ksu	Sedimentary	Primary	Very low	High	Primary
166-I-A-1	Spring	Concordia	Vereda	La Costa	4681429	2222234	CTM-12	1514	Ngc	Igneous	Primary	Medium	High	Primary
166-I-A-10	Spring	Concordia	Corregimiento	El Golpe	4684340	2225269	CTM-12	1065	Ngc	Igneous	Primary	Medium	High	Primary
166-I-A-12	Spring	Concordia	Vereda	La Selva	4682939	2221308	CTM-12	1398	Ngc	Igneous	Primary	Medium	High	Primary
166-I-A-13	Spring	Concordia	Vereda	La Selva	4682860	2221284	CTM-12	1332	Ngc	Igneous	Primary	Medium	High	Secondary
166-I-A-14	Spring	Concordia	Vereda	Las Animas sector palo santo	4676750	2223895	CTM-12	1927	Ksu	Sedimentary	Primary	Very low	High	Secondary
166-I-A-2	Spring	Concordia	Vereda	San Luis	4675789	2225167	CTM-12	2135	Ksu	Sedimentary	Primary	Very low	High	Secondary
166-I-A-3	Spring	Concordia	Vereda	Pueblo Rico	4678729	2225742	CTM-12	1889	Kivb	Igneous	Primary	Medium	Low	Secondary
166-I-A-4	Spring	Concordia	Corregimiento	El Golpe	4683800	2223369	CTM-12	1147	Ngc	Igneous	Primary	Medium	High	Secondary
166-I-A-5	Spring	Concordia	Vereda	Pueblo Rico	4679827	2223883	CTM-12	1811	Kivb	Igneous	Primary	Medium	Low	Secondary
166-I-A-6	Spring	Concordia	Vereda	San Luis	4675910	2224911	CTM-12	2061	Ksu	Sedimentary	Primary	Very low	High	Primary
166-I-A-7	Spring	Concordia	Vereda	El Cascajo	4679550	2221196	CTM-12	1522	Kivb	Igneous	Primary	Medium	Low	Secondary
166-I-A-8	Spring	Concordia	Vereda	Pueblo Rico	4680206	2222282	CTM-12	1804	Kivb	Igneous	Primary	Medium	Low	Secondary
166-I-A-9	Spring	Concordia	Vereda	Pueblo Rico	4679190	2222425	CTM-12	1542	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	1532	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

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146-I-D-2	Spring	Ebéjico	Vereda	El Palón	4691588	2253490	CTM-12	1569	Kica	Metamorphic	Secondary by fracturing	Low	Low	Primary
146-I-D-3	Spring	Ebéjico	Vereda	Charrascal	4691618	2254536	CTM-12	1559	Kica	Metamorphic	Secondary by fracturing	Low	Low	Primary
146-I-D-4	Spring	Ebéjico	Vereda	La Clara	4694933	2251935	CTM-12	1784	Kidp	Igneous	Secondary by fracturing	Very low	Medium	Primary
146-I-D-5	Spring	Ebéjico	Vereda	La Aguada	4699284	2251257	CTM-12	2704	Kivqg	Igneous	Primary	Low	Low	Secondary
146-I-D-7	Spring	Ebéjico	Vereda	Charrascal	4692066	2256410	CTM-12	1466	Kica	Metamorphic	Secondary by fracturing	Low	Low	Secondary
146-I-D-8	Spring	Ebéjico	Vereda	Charrascal	4692789	2256141	CTM-12	1353	Kica	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	Sabaletas	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	Sabaletas	4703910	2214779	CTM-12	1748	Ngas	Sedimentary	Primary	High	High	Secondary
166-II-C-26	Spring	Fredonia	Vereda	Travesias	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 coord.	North coord.	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	Combia Grande	4702801	2211688	CTM-12	1806	Ngc	Sedimentary	Primary	Medium	High	Primary
166-II-C-35	Spring	Fredonia	Vereda	Combia 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 María	4707036	2207723	CTM-12	1305	Ngas	Sedimentary	Primary	High	High	Secondary
166-II-C-6	Spring	Fredonia	Vereda	Murrapal	4701434	2211254	CTM-12	1675	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-II-C-7	Spring	Fredonia	Vereda	Combia 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	Giraldo	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	Kiu	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	2239720	CTM-12	1878	Kigr	Igneous	Secondary by fracturing	Very low	Null	Primary
146-III-B-17	Spring	Heliconia	Vereda	Pueblito	4699220	2239866	CTM-12	1711	Pgai	Sedimentary	Primary	High	High	Secondary
146-III-B-23	Spring	Heliconia	Vereda	Morritos	4699805	2245053	CTM-12	2096	Kivqg	Igneous	Primary	Low	Low	Secondary
146-III-B-24	Spring	Heliconia	Vereda	Pueblo Viejo	4700164	2239734	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	Primary
146-IV-A-1	Spring	Heliconia	Vereda	Pueblito	4700914	2240855	CTM-12	2143	Kivqg	Igneous	Primary	Low	Low	Primary
146-IV-A-2	Spring	Heliconia	Vereda	Chuscal	4701165	2240814	CTM-12	2178	Kivqg	Igneous	Primary	Low	Low	Secondary
146-IV-A-3	Spring	Heliconia	Vereda	Pueblito	4700974	2240743	CTM-12	2178	Kivqg	Igneous	Primary	Low	Low	Primary
146-IV-A-4	Spring	Heliconia	Vereda	Morritos	4700930	2244784	CTM-12	2224	Kivqg	Igneous	Primary	Low	Low	Primary
146-IV-A-5	Spring	Heliconia	Vereda	Pueblito	4700898	2241157	CTM-12	2164	Kivqg	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	Zarzagüeta	4680345	2201793	CTM-12	1336	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-III-A-18	Spring	Hispania	Vereda	Zarzagüeta	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 coord.	North coord.	Coord. system	masl dimension	Geological unit code	Rock type	Porosity	Permeability	Hydrogeological potential	Source
166-III-A-22	Spring	Hispania	Vereda	El Llanete	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	Zarzagüeta	4678302	2203741	CTM-12	788	Kigr	Igneous	Secondary by fracturing	Very low	Null	Primary
166-III-A-4	Spring	Hispania	Vereda	El Silencio	4680793	2200460	CTM-12	1215	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-III-A-5	Spring	Hispania	Vereda	El Llanete	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	El Tapado	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	El Castillo	4693231	2201723	CTM-12	1169	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-III-B-11	Spring	Jericó	Vereda	El Castillo	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 coord.	North coord.	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 coord.	North coord.	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

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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		4709597	2194615	CTM-12	606	Qal	Deposits	Primary	High	Very high	Secondary
166-IV-C-82	Hand-dug well	La Pintada	Vereda	Las Vegas	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	El Socorro	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

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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 Quiebra	4721293	2210895	CTM-12	1909	Pzes	Metamorphic	Secondary by fracturing	Medium	Low	Secondary
167-I-D-11	Spring	Montebello	Vereda	La Quiebra	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 Quiebra	4721750	2211110	CTM-12	2095	Pzes	Metamorphic	Secondary by fracturing	Medium	Low	Secondary
167-I-D-16	Spring	Montebello	Vereda	Cortado	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

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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 Pencal	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 Pencal	4691968	2294752	CTM-12	1520	Pzev	Metamorphic	Secondary by fracturing	Low	Low	Primary
130-I-D-5	Spring	Olaya	Vereda	El Pencal	4691964	2294751	CTM-12	1520	Pzev	Metamorphic	Secondary by fracturing	Low	Low	Secondary
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 coord.	North coord.	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		4696212	2274350	CTM-12	600	Pgam	Sedimentary	Primary	Medium	Medium	Secondary
130-III-D-110	Hand-dug well	San Jerónimo	Vereda		4694456	2273288	CTM-12	548	Qal	Deposits	Primary	High	Very high	Secondary
130-III-D-111	Hand-dug well	San Jerónimo	Vereda		4694395	2273379	CTM-12	549	Qal	Deposits	Primary	High	Very high	Secondary
130-III-D-114	Hand-dug well	San Jerónimo	Vereda		4694768	2273148	CTM-12	557	Qal	Deposits	Primary	High	Very high	Secondary
130-III-D-115	Hand-dug well	San Jerónimo	Vereda		4694801	2273115	CTM-12	561	Qal	Deposits	Primary	High	Very high	Secondary
130-III-D-116	Hand-dug well	San Jerónimo	Vereda		4694701	2273166	CTM-12	557	Qal	Deposits	Primary	High	Very high	Secondary
130-III-D-117	Hand-dug well	San Jerónimo	Vereda		4694640	2273137	CTM-12	563	Pgai	Sedimentary	Primary	High	High	Secondary



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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	Pgai	Sedimentary	Primary	High	High	Secondary
130-III-D-126	Spring	San Jerónimo	Vereda	Loma Hermosa	4696618	2269270	CTM-12	1137	Kivqg	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		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		4696718	2274667	CTM-12	616	Qal	Deposits	Primary	High	Very high	Secondary

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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	Pantanillo	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	Espiritu 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	Pantanillo	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	Pantanillo	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 Queibra	4709557	2218036	CTM-12	2301	Kivqg	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 coord.	North coord.	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	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Primary
166-II-C-37	Spring	Santa Bárbara	Vereda	Las Mercedes	4713350	2214112	CTM-12	1658	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Primary
166-II-C-38	Spring	Santa Bárbara	Vereda	Las Mercedes	4711715	2212192	CTM-12	1731	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Primary
166-II-C-39	Spring	Santa Bárbara	Vereda	Las Mercedes	4710947	2210941	CTM-12	1447	Kivqg	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	Kivqg	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	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Primary
166-IV-A-14	Spring	Santa Bárbara	Vereda	Bellavista	4714568	2202302	CTM-12	1505	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Secondary
166-IV-A-15	Spring	Santa Bárbara	Vereda	Cordoncillal	4715085	2202825	CTM-12	1444	Kivqg	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	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Secondary
167-I-D-18	Spring	Santa Bárbara	Vereda	Corozal	4716208	2206950	CTM-12	1669	Kivqg	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	Kivqg	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	Cativo	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 Arriba	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 coord.	North coord.	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-11	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 pan gordito	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 Springes	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 coord.	North coord.	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	4687639	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	4687130	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

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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 Pangordito	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-73	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 coor.	North coor.	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	Kslb	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	Kslb	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

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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



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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	Monte grande	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		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

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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 Mitica	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 Mirandita	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	Ahuyamal	4693119	2274607	CTM-12	525	Qal	Deposits	Primary	High	Very high	Secondary
130-III-D-101	Hand-dug well	Sopetrán	Vereda	Ahuyamal	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	Ahuyamal	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 coord.	North coord.	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	Ahuyamal	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 coord.	North coord.	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	2275030	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	2275333	CTM-12	516	Qal	Deposits	Primary	High	Very high	Secondary
130-III-D-93	Hand-dug well	Sopetrán	Vereda	Guaymaral	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	Rio 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	Rio Frio	4695457	2187096	CTM-12	2381	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-III-D-23	Spring	Támesis	Vereda	Rio 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 Arboleda	4685235	2204464	CTM-12	1600	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-III-A-29	Spring	Tarso	Vereda	La Arboleda	4685307	2203455	CTM-12	1572	Ngc	Sedimentary	Primary	Medium	High	Primary
166-III-A-30	Spring	Tarso	Vereda	La Arboleda	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	Tacamochó	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	4686631	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	Titiribí	Vereda	El Morro	4684722	2229658	CTM-12	805	Ngc	Igneous	Primary	Medium	High	Secondary
146-III-D-10	Spring	Titiribí	Vereda	Otramina	4690570	2229192	CTM-12	1553	Qcl	Deposits	Primary	Low	High	Secondary
146-III-D-11	Spring	Titiribí	Vereda	El Corcovado	4691745	2226908	CTM-12	1791	Pgai	Sedimentary	Primary	High	High	Secondary
146-III-D-12	Spring	Titiribí	Vereda	Sitio Viejo	4690579	2230497	CTM-12	1335	Kica	Metamorphic	Secondary by fracturing	Medium	Low	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
146-III-D-13	Spring	Titiribi	Vereda	El Corcovado	4693197	2227073	CTM-12	1674	Ngpa	Igneous	N/A	N/A	Null	Secondary
146-III-D-14	Spring	Titiribi	Vereda	Sitio Viejo	4691067	2229407	CTM-12	1379	Qcl	Deposits	Primary	Low	High	Secondary
146-III-D-15	Spring	Titiribi	Vereda	El Corcovado	4692292	2228317	CTM-12	1661	Kica	Metamorphic	Secondary by fracturing	Medium	Low	Secondary
146-III-D-16	Spring	Titiribi	Vereda	El Corcovado	4692206	2228238	CTM-12	1650	Kica	Metamorphic	Secondary by fracturing	Medium	Low	Secondary
146-III-D-28	Spring	Titiribi	Vereda	Otramina	4688139	2228875	CTM-12	2030	Pgai	Sedimentary	Primary	High	High	Secondary
146-III-D-29	Spring	Titiribi	Vereda	Otramina	4688762	2228627	CTM-12	2024	Pgai	Sedimentary	Primary	High	High	Secondary
146-III-D-3	Spring	Titiribi	Vereda	El Corcovado	4692137	2226837	CTM-12	1699	Ngas	Sedimentary	Primary	High	High	Secondary
146-III-D-30	Spring	Titiribi	Cabecera municipal	Cabecera municipal	4690936	2228546	CTM-12	1569	Qcl	Deposits	Primary	Low	High	Secondary
146-III-D-31	Spring	Titiribi	Vereda	El Retiro	4690275	2228123	CTM-12	1749	Qcl	Deposits	Primary	Low	High	Secondary
146-III-D-4	Spring	Titiribi	Vereda	Otramina	4688663	2229914	CTM-12	1754	Kica	Metamorphic	Secondary by fracturing	Medium	Low	Primary
146-III-D-5	Spring	Titiribi	Vereda	Otramina	4688355	2230168	CTM-12	1856	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Primary
146-III-D-6	Spring	Titiribi	Vereda	Los Micos	4693317	2229127	CTM-12	1644	Ngpa	Igneous	N/A	N/A	Null	Secondary
146-III-D-7	Spring	Titiribi	Vereda	La Peña	4694151	2227758	CTM-12	1755	Ngpa	Igneous	N/A	N/A	Null	Primary
146-III-D-8	Spring	Titiribi	Vereda	El Corcovado	4692515	2226862	CTM-12	1670	Pgam	Sedimentary	Primary	Medium	Medium	Primary
146-III-D-9	Spring	Titiribi	Vereda	Sitio Viejo	4690743	2229385	CTM-12	1467	Qcl	Deposits	Primary	Low	High	Secondary
166-I-B-10	Spring	Titiribi	Vereda	El Porvenir	4691915	2224933	CTM-12	1459	Pgai	Sedimentary	Primary	High	High	Secondary
166-I-B-11	Spring	Titiribi	Vereda	La Meseta	4689993	2224130	CTM-12	1564	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Primary
166-I-B-18	Spring	Titiribi	Vereda	La Meseta	4689510	2226519	CTM-12	1978	Pgai	Sedimentary	Primary	High	High	Primary
166-I-B-19	Spring	Titiribi	Vereda	La Meseta	4689895	2224589	CTM-12	1761	Pgai	Sedimentary	Primary	High	High	Secondary
166-I-B-6	Spring	Titiribi	Vereda	El Porvenir	4695280	2225477	CTM-12	1144	Qal	Deposits	Primary	High	Very high	Secondary
166-I-B-7	Spring	Titiribi	Vereda	La Meseta	4689502	2226528	CTM-12	1982	Pgai	Sedimentary	Primary	High	High	Secondary
166-I-B-8	Spring	Titiribi	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 coord.	North coord.	Coord. system	masl dimension	Geological unit code	Rock type	Porosity	Permeability	Hydrogeological potential	Source
186-II-A-14	Spring	Valparaíso	Vereda	Santa Ana	4709343	2177260	CTM-12	1748	Ngc	Sedimentary	Primary	Medium	High	Secondary
186-II-A-15	Well	Valparaíso	Vereda	La Barca	4713620	2183353	CTM-12	658	Ngas	Sedimentary	Primary	High	High	Secondary
186-II-A-16	Hand-dug well	Valparaíso	Vereda	Sabaletas - La Virgen	4708515	2179784	CTM-12	1284	Ngas	Sedimentary	Primary	High	High	Secondary
186-II-A-17	Hand-dug well	Valparaíso	Vereda	Villanueva	4709486	2179252	CTM-12	1380	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-18	Hand-dug well	Valparaíso	Vereda	Las Sardinias	4709192	2181073	CTM-12	1121	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-19	Hand-dug well	Valparaíso	Vereda	Las Sardinias	4708793	2181250	CTM-12	1111	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-2	Spring	Valparaíso	Vereda	La Barca	4712361	2183927	CTM-12	969	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-20	Spring	Valparaíso	Vereda	La Fabiana	4706626	2184312	CTM-12	934	Ngas	Sedimentary	Primary	High	High	Secondary
186-II-A-21	Spring	Valparaíso	Vereda	La Meseta	4707479	2179886	CTM-12	1336	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-22	Spring	Valparaíso	Vereda	Playa Rica	4704254	2178321	CTM-12	1257	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-23	Spring	Valparaíso	Vereda	El Bosque	4707450	2178711	CTM-12	1497	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-24	Spring	Valparaíso	Vereda	Santa Ana	4709200	2178772	CTM-12	1411	Ngc	Sedimentary	Primary	Medium	High	Primary
186-II-A-25	Spring	Valparaíso	Vereda	Santa Ana	4709195	2178766	CTM-12	1414	Ngc	Sedimentary	Primary	Medium	High	Primary
186-II-A-26	Spring	Valparaíso	Vereda	Santa Ana	4709444	2178579	CTM-12	1442	Ngc	Sedimentary	Primary	Medium	High	Primary
186-II-A-27	Spring	Valparaíso	Vereda	Machonta	4710909	2177759	CTM-12	1341	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-28	Spring	Valparaíso	Vereda	Palmichal	4709399	2178812	CTM-12	1391	Ngc	Sedimentary	Primary	Medium	High	Primary
186-II-A-29	Spring	Valparaíso	Vereda	El Bosque	4708152	2178948	CTM-12	1460	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-3	Spring	Valparaíso	Vereda	La Barca	4712948	2184823	CTM-12	986	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-30	Spring	Valparaíso	Vereda	Playa Rica	4705985	2178295	CTM-12	1466	Ngas	Sedimentary	Primary	High	High	Secondary
186-II-A-31	Spring	Valparaíso	Vereda	Playa Rica	4704779	2178263	CTM-12	1312	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-32	Spring	Valparaíso	Vereda	Las Sardinias	4708928	2180939	CTM-12	1136	Ngas	Sedimentary	Primary	High	High	Primary
186-II-A-4	Spring	Valparaíso	Vereda	Santa Ana	4708973	2176936	CTM-12	1910	Ngc	Sedimentary	Primary	Medium	High	Primary
186-II-A-5	Spring	Valparaíso	Vereda	La Placita	4707327	2177726	CTM-12	1662	Ngc	Sedimentary	Primary	Medium	High	Secondary
186-II-A-6	Spring	Valparaíso	Vereda	La Placita	4707785	2177110	CTM-12	1997	Ngc	Sedimentary	Primary	Medium	High	Secondary
186-II-A-7	Spring	Valparaíso	Vereda	Machonta	4710931	2179115	CTM-12	1160	Ngas	Sedimentary	Primary	High	High	Secondary
186-II-C-1	Spring	Valparaíso	Vereda	El Guayabo	4704377	2176378	CTM-12	1861	Ngas	Sedimentary	Primary	High	High	Secondary
186-II-C-13	Spring	Valparaíso	Vereda	El Líbano	4708354	2176178	CTM-12	2060	Ngc	Sedimentary	Primary	Medium	High	Secondary
186-II-C-2	Spring	Valparaíso	Vereda	Mallarino	4705699	2176088	CTM-12	2127	Ngc	Sedimentary	Primary	Medium	High	Secondary
186-II-C-3	Spring	Valparaíso	Vereda	El Guayabo	4704510	2176022	CTM-12	1937	Ngas	Sedimentary	Primary	High	High	Secondary
186-II-C-4	Spring	Valparaíso	Vereda	Mallarino	4706533	2175350	CTM-12	2355	Ngc	Sedimentary	Primary	Medium	High	Secondary
186-II-C-5	Spring	Valparaíso	Vereda	Mallarino	4705586	2175428	CTM-12	2271	Ngc	Sedimentary	Primary	Medium	High	Secondary
186-II-C-6	Spring	Valparaíso	Vereda	Mallarino	4706158	2174545	CTM-12	2562	Ngpa	Igneous	N/A	N/A	Null	Secondary
186-II-C-8	Spring	Valparaíso	Vereda	El Líbano	4708341	2176245	CTM-12	2093	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-I-B-12	Spring	Venecia	Vereda	Cerro Tusa	4695767	2217094	CTM-12	1532	Ngc	Sedimentary	Primary	Medium	High	Primary
166-I-B-13	Spring	Venecia	Corregimiento	Bolombolo	4691208	2220224	CTM-12	1282	Pgai	Sedimentary	Primary	High	High	Secondary
166-I-B-14	Spring	Venecia	Vereda	Cerro Tusa	4691205	2218344	CTM-12	1161	Ngas	Sedimentary	Primary	High	High	Secondary
166-I-B-15	Spring	Venecia	Corregimiento	Bolombolo	4688306	2218587	CTM-12	744	Ngas	Sedimentary	Primary	High	High	Secondary
166-I-B-16	Spring	Venecia	Vereda	La Amalia	4697729	2216770	CTM-12	1440	Ngas	Sedimentary	Primary	High	High	Secondary
166-I-B-20	Hand-dug well	Venecia	Corregimiento	Bolombolo	4685891	2218392	CTM-12	566	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-I-B-21	Hand-dug well	Venecia	Cabecera municipal	Cabecera municipal	4697170	2217863	CTM-12	1335	Ngas	Sedimentary	Primary	High	High	Primary
166-I-B-22	Spring	Venecia	Corregimiento	Bolombolo	4688815	2217252	CTM-12	871	Kivqg	Igneous	Secondary by fracturing	Very low	Low	Primary
166-I-B-23	Spring	Venecia	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 Ventiadero	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	4698983	2216016	CTM-12	1645	Ngas	Sedimentary	Primary	High	High	Secondary
166-I-D-13	Spring	Venecia	Vereda	El Rincon	4699203	2215558	CTM-12	1730	Ngas	Sedimentary	Primary	High	High	Secondary
166-I-D-14	Spring	Venecia	Vereda	Villa Silvia	4696407	2215965	CTM-12	1677	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-I-D-15	Spring	Venecia	Vereda	El Vergel	4697074	2214918	CTM-12	1760	Ngc	Sedimentary	Primary	Medium	High	Secondary
166-I-D-16	Spring	Venecia	Vereda	Cerro Tusa	4688595	2216029	CTM-12	785	Ngas	Sedimentary	Primary	High	High	Secondary
166-I-D-21	Spring	Venecia	Vereda	El Rincon	4699563	2215777	CTM-12	1738	Ngas	Sedimentary	Primary	High	High	Primary
166-I-D-22	Spring	Venecia	Vereda	La Amalia	4698942	2216001	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