

**Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection**

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K-1+114.38	K-1+112.58	1.80	B1	1			Output Ø 20" bridle and closing belt					6-130	STEEL
K-1+112.58	K-1+108.77	3.82	B2	1								6-130	PCCP
K-1+108.77	K-1+104.79	4.00	B3	1								6-130	PCCP
K-1+104.79	K-1+101.03	3.82	B4	1								5-130	PCCP
K-1+101.03	K-1+097.09	4.00	B5	1								5-130	PCCP
K-1+097.09	K-1+093.40	3.82	B6	1								5-130	PCCP
K-1+093.40	K-1+089.54	4.00	B7	1								5-130	PCCP
K-1+089.54	K-1+083.03	4.00	B8	1								5-130	PCCP
K-1+083.03	K-1+082.15	3.50	B9	1								150	PCCP
K-1+082.15	K-1+078.17	4.00	B10	1								3-130	PCCP
K-1+078.17	K-1+074.19	4.00	B11	1								3-130	PCCP
K-1+074.19	K-1+070.19	4.00	B12	1								3-130	PCCP
K-1+070.19	K-1+066.19	4.00	B13	1								3-130	PCCP
K-1+066.19	K-1+062.19	4.00	B14	1								3-130	PCCP
K-1+062.19	K-1+058.19	4.00	B15	1								3-130	PCCP
K-1+058.19	K-1+054.19	4.00	B16	1								3-130	PCCP
K-1+054.19	K-1+050.13	4.00	B17	1								3-130	PCCP
K-1+050.13	K-1+046.13	4.00	B18	1								3-130	PCCP
K-1+046.13	K-1+042.33	3.82	B19	1								4-130	PCCP
K-1+042.33	K-1+038.59	3.82	B20	1								3-130	PCCP
K-1+038.59	K-1+033.45	3.82	B21	1								3-130	PCCP
K-1+033.45	K-1+031.36	4.00	B22	1								3-130	PCCP
K-1+031.36	K-1+027.60	4.00	B23	1								3-130	PCCP
K-1+027.60	K-1+023.52	4.00	B24	1								3-130	PCCP
K-1+023.52	K-1+019.71	4.00	B25	1								3-130	PCCP
K-1+019.71	K-1+015.92	4.00	B26	1								3-130	PCCP
K-1+015.92	K-1+012.44	3.82	B27	1								3-130	PCCP
K-1+012.44	K-1+008.82	4.00	B28	1								3-130	PCCP
K-1+008.82	K-1+005.54	3.82	B29	1								3-130	PCCP
K-1+005.54	K-1+002.23	3.82	B30	1								4-130	PCCP
K-1+002.23	K-0+998.69	3.94	B31	1								4-130	PCCP
K0-998.69	K-0+995.28	4.00	B32	1								4-130	PCCP
K0-995.28	K-0+991.88	4.00	B33	1								5-130	PCCP
K0-991.88	K-0+986.71	5.17	B34	1			Double-Elbow 52"58"49" Ø 60" Ø 2.00 Mt x 60" reduction with Ø 2.00 sparrow Ø 60" bell					150	STEEL
K0-986.71	K0-983.18	3.53	B35	1			1 Niple Ø 60" Con bridle tipo "D" y Pasamuro					150	STEEL
K0-983.18	K-0+967.00	12.80	30A	1			Assembly of: Union Dresser Ø 60"; smooth Nipple with bridle; Ø 60" Valve; Yee and Ø 60"x2.00m widening					150	STEEL
K0-967.00	K-0+966.43	3.95	29A	1								3-130	PCCP
K0-966.43	K-0+962.53	3.90	28A	1								3-130	PCCP
K0-962.53	K-0+958.63	3.91	27A	1								3-130	PCCP
K0-958.63	K-0+954.64	4.00	26A	1								3-130	PCCP
K0-954.64	K-0+950.74	3.91	25A	1								3-130	PCCP
K0-950.74	K-0+946.75	4.00	24A	1								3-130	PCCP
K0-946.75	K-0+942.85	3.91	23A	1								3-130	PCCP
K0-942.85	K-0+938.86	4.00	22A	1								3-130	PCCP
K0-938.86	K-0+934.96	3.91	21A	1								3-130	PCCP
K0-934.96	K-0+930.97	4.00	20A	1								3-130	PCCP
K0-930.97	K-0+927.07	3.91	19A	1								3-130	PCCP
K0-927.07	K-0+923.08	4.00	18A	1								3-130	PCCP
K0-923.08	K-0+919.18	3.91	17A	1								3-130	PCCP
K0-919.18	K-0+915.19	4.00	16A	1								3-130	PCCP
K0-915.19	K-0+911.29	3.91	15A	1								3-130	PCCP
K0-911.29	K-0+907.30	4.00	14A	1								3-130	PCCP
K0-907.30	K-0+903.40	3.91	13A	1								3-130	PCCP
K0-903.40	K-0+899.41	4.00	12A	1								3-130	PCCP
K0-899.41	K-0+898.92	0.50	11A	1								3-130	STEEL
K0-898.92	K-0+895.15	3.82	10A	1								3-130	PCCP
K0-895.15	K-0+904.00	4.00	9A	1								3-130	PCCP
K0-904.00	K-0+897.49	3.96	8A	1								3-130	PCCP
K0-897.49	K-0+893.64	4.00	7A	1								3-130	PCCP
K0-893.64	K-0+879.79	4.00	6A	1								3-130	PCCP
K0-879.79	K-0+876.05	3.88	5A	1								3-130	PCCP
K0-876.05	K-0+872.44	3.82	4A	1								3-130	PCCP
K0-872.44	K-0+868.79	3.65	3A	1								3-130	PCCP
K0-868.79	K-0+865.14	4.00	2A	1								3-130	PCCP
K0-865.14	K-0+861.48	4.00	1A	1								3-130	PCCP
K0-861.48	K-0+857.83	4.00	1	1								3-130	PCCP
K0-857.83	K-0+854.13	3.98	2	1								3-130	PCCP
K0-854.13	K-0+850.41	4.00	3	1								3-130	PCCP
K0-850.41	K-0+846.72	3.97	4	1								3-130	PCCP
K0-846.72	K-0+843.00	4.00	5	1								3-130	PCCP
K0-843.00	K-0+839.31	3.97	6	1								3-130	PCCP
K0-839.31	K-0+835.59	4.00	7	1								3-130	PCCP
K0-835.59	K-0+831.90	3.97	8	1								3-130	PCCP
K0-831.90	K-0+828.28	4.00	9	1								3-130	PCCP
K0-828.28	K-0+824.49	3.97	10	1								3-130	PCCP
K0-824.49	K-0+820.94	3.82	11	1								3-130	PCCP
K0-820.94	K-0+817.41	3.97	12	1								3-130	PCCP
K0-817.41	K-0+813.86	4.00	13	1								3-130	PCCP
K0-813.86	K-0+810.33	3.97	14	1								3-130	PCCP
K0-810.33	K-0+806.78	4.00	15	1								3-130	PCCP
K0-806.78	K-0+803.25	3.97	16	1			odd signal					3-130	PCCP
K0-803.25	K-0+799.79	4.00	17	1								3-130	PCCP
K0-799.79	K-0+796.08	3.96	18	1								3-140	PCCP
K0-796.08	K-0+792.42	4.00	19	1								3-140	PCCP
K0-792.42	K-0+788.80	3.96	20	1								3-140	PCCP
K0-788.80	K-0+785.14	4.00	21	1								3-140	PCCP
K0-785.14	K-0+781.51	3.97	22	1								3-140	PCCP
K0-781.51	K-0+777.85	4.00	23	1								3-140	PCCP
K0-777.85	K-0+774.10	3.96	24	1								3-140	PCCP
K0-774.10	K-0+770.31	4.00	25	1								3-140	PCCP
K0-770.31	K-0+766.55	3.97	26	1								3-140	PCCP
K0-766.55	K-0+762.76	4.00	27	1								3-140	PCCP

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								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K0-762,76	K-0+758,97	3,96	28	1								3-140	PCCP
K0-758,97	K-0+755,14	4,00	29	1								3-140	PCCP
K0-755,14	K-0+751,35	3,96	30	1								3-140	PCCP
K0-751,35	K-0+747,52	4,00	31	1								3-150	PCCP
K0-747,52	K-0+743,64	3,96	32	1								3-150	PCCP
K0-743,64	K-0+739,70	4,02	33	1								3-150	PCCP
K0-739,70	K-0+735,78	3,96	34	1								3-150	PCCP
K0-735,78	K-0+731,82	4,00	35	1								3-150	PCCP
K0-731,82	K-0+727,90	3,96	36	1								4-150	PCCP
K0-727,90	K-0+723,94	4,00	37	1								4-150	PCCP
K0-723,94	K-0+720,02	3,96	38	1								4-150	PCCP
K0-720,02	K-0+716,07	4,00	39	1								4-150	PCCP
K0-716,07	K-0+712,13	3,96	40	1								4-150	PCCP
K0-712,13	K-0+708,15	4,00	41	1								4-150	PCCP
K0-708,15	K-0+704,21	3,96	42	1								4-150	PCCP
K0-704,21	K-0+700,23	4,00	43	1								3-160	PCCP
K0-700,23	K-0+696,29	3,96	44	1								3-160	PCCP
K0-696,29	K-0+692,31	4,00	45	1								3-160	PCCP
K0-692,31	K-0+688,37	3,96	46	1								3-160	PCCP
K0-688,37	K-0+684,39	4,00	47	1								3-160	PCCP
K0-684,39	K-0+680,43	3,98	48	1								3-160	PCCP
K0-680,43	K-0+676,45	4,00	49	1								4-160	PCCP
K0-676,45	K-0+672,47	4,00	50	1								4-160	PCCP
K0-672,47	K-0+668,49	4,00	51	1								4-160	PCCP
K0-668,49	K-0+664,50	4,01	52	1								4-160	PCCP
K0-664,50	K-0+660,50	4,00	53	1								4-160	PCCP
K0-660,50	K-0+656,50	4,00	54	1								4-160	PCCP
K0-656,50	K-0+649,50	7,00	55	1								4-160	PCCP
K0-649,50	K-0+642,50	7,00	56	1								3-160	PCCP
K0-642,50	K-0+635,50	7,00	57	1								3-160	PCCP
K0-635,50	K-0+628,50	7,00	58	1								3-160	PCCP
K0-628,50	K-0+621,50	7,00	59	1								3-160	PCCP
K0-621,50	K-0+614,50	7,00	60	1								3-160	PCCP
K0-614,50	K-0+607,50	7,00	61	1								3-160	PCCP
K0-607,50	K-0+607,50	7,00	62	1								3-160	PCCP
K0-607,50	K-0+599,23	1,27	62A	1		Manhole 4	Ø 16" Mouth and Ø16" (#3 y 4) drain					150	STEEL
K0-599,23	K-0+593,00	7,00	63	1								3-160	PCCP
K0-593,00	K-0+586,00	7,00	64	1								3-160	PCCP
K0-586,00	K-0+579,00	7,00	65	1								3-160	PCCP
K0-579,00	K-0+572,00	7,00	66	1								3-160	PCCP
K0-572,00	K-0+565,00	7,00	67	1								3-160	PCCP
K0-565,00	K-0+558,00	7,00	68	1								3-160	PCCP
K0-558,00	K-0+551,00	7,00	69	1								3-160	PCCP
K0-551,00	K-0+544,00	7,00	70	1								3-160	PCCP
K0-544,00	K-0+537,00	7,00	71	1								3-160	PCCP
K0-537,00	K-0+530,00	7,00	72	1								3-160	PCCP
K0-530,00	K-0+523,00	7,00	73	1								3-160	PCCP
K0-523,00	K-0+516,00	7,00	74	1								3-160	PCCP
K0-516,00	K-0+509,00	7,00	75	1	5					5		3-160	PCCP
K0-509,00	K-0+502,00	7,00	76	1								3-160	PCCP
K0-502,00	K-0+495,00	7,00	77	1								3-160	PCCP
K0-495,00	K-0+487,23	7,00	78	1								3-160	PCCP
K0-487,23	K-0+480,19	7,07	79	2		Venturi	Venturi pipe with bell adapter on both ends (#5)						STEEL
K0-480,19	K-0+473,19	7,00	80	2								3-160	PCCP
K0-473,19	K-0+466,19	7,00	81	2								3-160	PCCP
K0-466,19	K-0+459,19	7,00	82	2								3-160	PCCP
K0-459,19	K-0+452,19	7,00	83	2								3-160	PCCP
K0-452,19	K-0+445,19	7,00	84	2								3-160	PCCP
K0-445,19	K-0+438,19	7,00	85	2								3-160	STEEL
K0-438,19	K-0+431,19	7,00	86	2								3-160	PCCP
K0-431,19	K-0+004,00	3,00	87	2		Manhole 6	24" access point + Macromedidor (#6) and drain					160	STEEL
K0-004,00	K-0+424,19	4,00	87A	2			Nipple, output for pitometer					160	STEEL
K0-424,19	K-0+417,19	7,00	88	2								3-160	PCCP
K0-417,19	K-0+410,19	7,00	89	2								3-160	PCCP
K0-410,19	K-0+403,19	7,00	90	2								3-160	PCCP
K0-403,19	K-0+396,19	7,00	91	2								3-160	PCCP
K0-396,19	K-0+389,19	7,00	92	2								3-160	PCCP
K0-389,19	K-0+382,19	7,00	93	2								3-160	PCCP
K0-382,19	K-0+375,19	7,00	94	2								3-160	PCCP
K0-375,19	K-0+368,19	7,00	95	2								3-160	PCCP
K0-368,19	K-0+361,19	7,00	96	2								3-160	PCCP
K0-361,19	K-0+354,19	7,00	97	2								3-160	PCCP
K0-354,19	K-0+347,19	7,00	98	2								3-160	PCCP
K0-347,19	K-0+340,19	7,00	99	2								3-160	PCCP
K0-340,19	K-0+333,19	7,00	100	2								3-160	PCCP
K0-333,19	K-0+326,19	7,00	101	2								3-160	PCCP
K0-326,19	K-0+319,19	7,00	102	2								3-160	PCCP
K0-319,19	K-0+312,19	7,00	103	2								3-160	PCCP
K0-312,19	K-0+305,19	7,00	104	2								3-160	PCCP
K0-305,19	K-0+298,19	7,00	105	2								3-160	PCCP
K0-298,19	K-0+291,19	7,00	106	2								3-160	PCCP
K0-291,19	K-0+284,19	7,00	107	2								3-160	PCCP
K0-284,19	K-0+277,19	7,00	108	2								3-160	PCCP
K0-277,19	K-0+270,19	7,00	109	2								3-160	PCCP
K0-270,19	K-0+263,19	7,00	110	2								3-160	PCCP
K0-263,19	K-0+000,00	12,87	111	2		V-7	1 Narrowing Ø 2.00 x 60" with Ø 60" bell output and closing belt					3-160	STEEL
	K-0+000,00		112	2		V-7	1 smooth nipple with Ø 60" bridle Ø 10" output of bridle					3-160	STEEL
	K-0+000,00		113	2		V-7	1 valve Ø 60" J.B.S					3-160	STEEL
	K-0+000,00		114	2		V-7	1 smooth nipple with Ø 60" bridle Ø 10" output of bridle and Ø 16" drain bridle					3-160	STEEL

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								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
	K-0+000.00		115	2		V-7	1 Dresser Union Ø 60"					3-160	STEEL
	K-0+250.32		116	2		V-7	1 Widening Ø 60"x2.00 M with smooth-end walkthrough Ø 60" and Ø 2.00" bell					3-160	STEEL
K0-250.32	K-0+243.32	7.00	117	2								3-160	PCCP
K0-243.32	K-0+236.32	7.00	118	2								3-160	PCCP
K0-236.32	K-0+229.32	7.00	119	2								3-160	PCCP
K0-229.32	K-0+222.32	7.00	120	2								3-160	PCCP
K0-222.32	K-0+215.32	7.00	121	2								3-160	PCCP
K0-215.32	K-0+208.32	7.00	122	2								3-160	PCCP
K0-208.32	K-0+201.32	7.00	123	2								3-160	PCCP
K0-201.32	K-0+194.32	7.00	124	2								3-160	PCCP
K0-194.32	K-0+187.32	7.00	125	2								3-160	PCCP
K0-187.32	K-0+180.32	7.00	126	2								3-160	PCCP
K0-180.32	K-0+173.32	7.00	127	2								3-160	PCCP
K0-173.32	K-0+166.32	7.00	128	2								3-160	PCCP
K0-166.32	K-0+159.32	7.00	129	2								3-160	PCCP
K0-159.32	K-0+152.31	7.00	130	2								3-160	PCCP
K0-152.31	K-0+145.31	7.00	131	2	10			10				3-160	PCCP
K0-145.31	K-0+138.31	7.00	132	2								3-160	PCCP
K0-138.31	K-0+131.31	7.00	133	2								3-160	PCCP
K0-131.31	K-0+124.31	7.00	134	2								3-160	PCCP
K0-124.31	K-0+117.31	7.00	135	2	10				10			3-160	PCCP
K0-117.31	K-0+110.31	7.00	136	2								3-160	PCCP
K0-110.31	K-0+103.31	7.00	137	2								3-160	PCCP
K0-103.31	K-0+096.31	7.00	138	2								3-160	PCCP
K0-096.31	K-0+089.31	7.00	139	2								3-160	PCCP
K0-089.31	K-0+082.31	7.00	140	2								3-160	PCCP
K0-082.31	K-0+075.31	7.00	141	2								3-160	PCCP
K0-075.31	K-0+068.31	7.00	142	2								3-160	PCCP
K0-068.31	K-0+061.31	7.00	143	2								3-160	PCCP
K0-061.31	K-0+054.31	7.00	144	2								3-160	PCCP
K0-054.31	K-0+047.32	6.99	145	2								3-160	PCCP
K0-047.32	K-0+040.38	6.94	146	2								3-160	PCCP
K0-040.38	K-0+033.44	6.94	147	2								3-160	PCCP
K0-033.44	K-0+026.50	6.94	148	2								3-160	PCCP
K0-026.50	K-0+019.56	6.94	149	2								3-160	PCCP
K0-019.56	K-0+012.62	6.94	150	2								3-160	PCCP
K0-012.62	K-0+005.68	6.94	151	2								3-160	PCCP
K0-005.68	K-0+001.25	6.94	152	2	140					140		3-160	PCCP
K0+001.25	K-0+008.19	6.94	153	2								3-160	PCCP
K0+008.19	K-0+015.13	6.94	154	2								3-160	PCCP
K0+015.13	K-0+022.07	6.94	155	2	5	Anomaly may be due to structural causes other than wire damage					5	3-160	PCCP
K0+022.07	K-0+029.01	6.94	156	2								3-160	PCCP
K0+029.01	K-0+035.95	6.94	157	2								3-160	PCCP
K0+035.95	K-0+042.89	6.94	158	2								3-160	PCCP
K0+042.89	K-0+049.82	6.94	159	3	55			5	50			3-160	PCCP
K0+049.82	K-0+056.76	6.94	160	3								3-160	PCCP
K0+056.76	K-0+063.70	6.94	161	3								3-160	PCCP
K0+063.70	K-0+070.69	6.99	162	3								3-160	PCCP
K0+070.69	K-0+077.69	7.00	163	3								3-160	PCCP
K0+077.69	K-0+084.69	7.00	164	3								3-160	PCCP
K0+084.69	K-0+091.69	7.00	165	3	50					50		3-160	PCCP
K0+091.69	K-0+098.69	7.00	166	3								3-160	PCCP
K0+098.69	K-0+105.69	7.00	167	3								3-160	PCCP
K0+105.69	K-0+112.63	6.94	168	3		Vent 8	Air valve Ø 8" (#8)					3-160	PCCP
K0+112.63	K-0+119.63	7.00	169	3								3-160	PCCP
K0+119.63	K-0+126.63	7.00	170	3								3-160	PCCP
K0+126.63	K-0+133.62	7.00	171	3								3-160	PCCP
K0+133.62	K-0+140.62	7.00	172	3								3-160	PCCP
K0+140.62	K-0+147.62	7.00	173	3								3-160	PCCP
K0+147.62	K-0+154.62	7.00	174	3								3-160	PCCP
K0+154.62	K-0+161.61	7.00	175	3								3-160	PCCP
K0+161.61	K-0+168.61	7.00	176	3								3-160	PCCP
K0+168.61	K-0+175.61	7.00	177	3								3-160	PCCP
K0+175.61	K-0+182.61	7.00	178	3								3-160	PCCP
K0+182.61	K-0+189.60	7.00	179	3								3-160	PCCP
K0+189.60	K-0+196.60	7.00	180	3								3-160	PCCP
K0+196.60	K-0+203.60	7.00	181	3								3-160	PCCP
K0+203.60	K-0+210.60	7.00	182	3								3-160	PCCP
K0+210.60	K-0+217.60	7.00	183	3								3-160	PCCP
K0+217.60	K-0+224.60	7.00	184	3								3-160	PCCP
K0+224.60	K-0+231.60	7.00	185	3								3-160	PCCP
K0+231.60	K-0+238.60	7.00	186	3								3-160	PCCP
K0+238.60	K-0+245.60	7.00	187	3								3-160	PCCP
K0+245.60	K-0+252.60	7.00	188	3								3-160	PCCP
K0+252.60	K-0+259.54	6.94	189	3								3-170	PCCP
K0+259.54	K-0+266.54	7.00	190	3								3-170	PCCP
K0+266.54	K-0+273.53	7.00	191	3								3-170	PCCP
K0+273.53	K-0+280.53	7.00	192	3								3-170	PCCP
K0+280.53	K-0+287.53	7.00	193	3								3-170	PCCP
K0+287.53	K-0+294.53	7.00	194	3								3-170	PCCP
K0+294.53	K-0+301.53	7.00	195	3								3-170	PCCP
K0+301.53	K-0+308.53	7.00	196	3								3-170	PCCP
K0+308.53	K-0+315.53	7.00	197	3								3-170	PCCP
K0+315.53	K-0+322.53	7.00	198	3								3-170	PCCP
K0+322.53	K-0+329.53	7.00	199	3								3-170	PCCP
K0+329.53	K-0+336.53	7.00	200	3								3-170	PCCP
K0+336.53	K-0+343.53	7.00	201	3								3-170	PCCP
K0+343.53	K-0+350.53	7.00	202	3								3-170	PCCP
K0+350.53	K-0+357.53	7.00	203	3								3-170	PCCP
K0+357.53	K-0+364.53	7.00	204	3								3-170	PCCP
K0+364.53	K-0+371.53	7.00	205	3								3-170	PCCP
K0+371.53	K-0+378.53	7.00	206	3								3-170	PCCP

Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K0+378.53	K-0+385.53	7.00	207	3								3-170	PCCP
K0+385.53	K-0+392.53	7.00	208	3								3-170	PCCP
K0+392.53	K-0+399.53	7.00	209	3								3-170	PCCP
K0+399.53	K-0+406.53	7.00	210	3								3-170	PCCP
K0+406.53	K-0+413.53	7.00	211	3								3-170	PCCP
K0+413.53	K-0+420.53	7.00	212	3								3-170	PCCP
K0+420.53	K-0+427.53	7.00	213	3								3-170	PCCP
K0+427.53	K-0+434.53	7.00	214	3								3-170	PCCP
K0+434.53	K-0+441.53	7.00	215	3								3-170	PCCP
K0+441.53	K-0+448.53	7.00	216	3								3-170	PCCP
K0+448.53	K-0+455.53	7.00	217	3								3-170	PCCP
K0+455.53	K-0+462.53	7.00	218	3								3-170	PCCP
K0+462.53	K-0+469.53	7.00	219	3								3-170	PCCP
K0+469.53	K-0+476.53	7.00	220	3								3-170	PCCP
K0+476.53	K-0+483.53	7.00	221	3								3-170	PCCP
K0+483.53	K-0+490.53	7.00	222	3								3-170	PCCP
K0+490.53	K-0+497.53	7.00	223	3								3-170	PCCP
K0+497.53	K-0+504.53	7.00	224	3								3-170	PCCP
K0+504.53	K-0+511.53	7.00	225	3		anomalous joint 225/224						3-170	PCCP
K0+511.53	K-0+518.53	7.00	226	3	10					10		3-170	PCCP
K0+518.53	K-0+525.53	7.00	227	3								3-170	PCCP
K0+525.53	K-0+532.53	7.00	228	3								3-170	PCCP
K0+532.53	K-0+539.52	7.00	229	3								3-170	PCCP
K0+539.52	K-0+540.77	1.25	229A	3		Manhole 9	Access point Ø 16" (#9)						STEEL
K0+540.77	K-0+546.52	7.00	230	3								3-170	PCCP
K0+546.52	K-0+553.52	7.00	231	3								3-170	PCCP
K0+553.52	K-0+560.52	7.00	232	3								3-170	PCCP
K0+560.52	K-0+567.52	7.00	233	3								3-170	PCCP
K0+567.52	K-0+574.52	7.00	234	3								3-170	PCCP
K0+574.52	K-0+581.52	7.00	235	3								3-170	PCCP
K0+581.52	K-0+588.52	7.00	236	3								3-170	PCCP
K0+588.52	K-0+595.52	7.00	237	3								3-170	PCCP
K0+595.52	K-0+602.52	7.00	238	3								3-170	PCCP
K0+602.52	K-0+609.52	7.00	239	3	5			5				3-170	PCCP
K0+609.52	K-0+616.52	7.00	240	3	20					20		3-170	PCCP
K0+616.52	K-0+623.52	7.00	241	3								3-170	PCCP
K0+623.52	K-0+630.52	7.00	242	3								3-170	PCCP
K0+630.52	K-0+637.52	7.00	243	3								3-170	PCCP
K0+637.52	K-0+644.52	7.00	244	3								3-170	PCCP
K0+644.52	K-0+651.52	7.00	245	3								3-170	PCCP
K0+651.52	K-0+658.52	7.00	246	3								3-170	PCCP
K0+658.52	K-0+665.52	7.00	247	3								3-170	PCCP
K0+665.52	K-0+672.52	7.00	248	3								3-170	PCCP
K0+672.52	K-0+679.52	7.00	249	4	5	Anomaly may be due to structural causes other than wire damage		5				3-170	PCCP
K0+679.52	K-0+686.52	7.00	250	4								3-170	PCCP
K0+686.52	K-0+693.52	7.00	251	4								3-170	PCCP
K0+693.52	K-0+701.77	7.00	252	4								3-170	PCCP
K0+701.77	K-0+708.77	7.00	253	4								3-170	PCCP
K0+708.77	K-0+715.77	7.00	254	4								3-170	PCCP
K0+715.77	K-0+722.77	7.00	255	4								3-170	PCCP
K0+722.77	K-0+729.77	7.00	256	4	5					5		3-170	PCCP
K0+729.77	K-0+736.77	7.00	257	4								3-170	PCCP
K0+736.77	K-0+743.77	7.00	258	4								3-170	PCCP
K0+743.77	K-0+750.77	7.00	259	4								3-170	PCCP
K0+750.77	K-0+757.77	7.00	260	4								3-170	PCCP
K0+757.77	K-0+764.77	7.00	261	4								3-170	PCCP
K0+764.77	K-0+771.77	7.00	262	4								3-170	PCCP
K0+771.77	K-0+778.77	7.00	263	4								3-170	PCCP
K0+778.77	K-0+785.77	7.00	264	4								3-170	PCCP
K0+785.77	K-0+792.77	7.00	265	4								3-170	PCCP
K0+792.77	K-0+799.76	7.00	266	4								3-170	PCCP
K0+799.76	K-0+801.01	1.25	266A	4		Drain 10	Drain Ø 16" (#10)						STEEL
K0+801.01	K-0+808.01	7.00	267	4								3-170	PCCP
K0+808.01	K-0+815.01	7.00	268	4								3-170	PCCP
K0+815.01	K-0+822.01	7.00	269	4								3-170	PCCP
K0+822.01	K-0+829.01	7.00	270	4								3-170	PCCP
K0+829.01	K-0+836.01	7.00	271	4								3-170	PCCP
K0+836.01	K-0+843.01	7.00	272	4								3-170	PCCP
K0+843.01	K-0+850.01	7.00	273	4								3-170	PCCP
K0+850.01	K-0+857.01	7.00	274	4								3-170	PCCP
K0+857.01	K-0+864.01	7.00	275	4								3-170	PCCP
K0+864.01	K-0+871.01	7.00	276	4								3-170	PCCP
K0+871.01	K-0+878.01	7.00	277	4	5					5		3-170	PCCP
K0+878.01	K-0+885.01	7.00	278	4								3-170	PCCP
K0+885.01	K-0+892.01	7.00	279	4								3-170	PCCP
K0+892.01	K-0+899.01	7.00	280	4								3-170	PCCP
K0+899.01	K-0+906.01	7.00	281	4								3-170	PCCP
K0+906.01	K-0+913.01	7.00	282	4								3-170	PCCP
K0+913.01	K-0+920.01	7.00	283	4								3-170	PCCP
K0+920.01	K-0+927.01	7.00	284	4								3-170	PCCP
K0+927.01	K-0+934.01	7.00	285	4								3-170	PCCP
K0+934.01	K-0+941.01	7.00	286	4								3-170	PCCP
K0+941.01	K-0+948.01	7.00	287	4								3-170	PCCP
K0+948.01	K-0+955.01	7.00	288	4								3-170	PCCP
K0+955.01	K-0+962.01	7.00	289	4								3-170	PCCP
K0+962.01	K-0+969.01	7.00	290	4								3-170	PCCP
K0+969.01	K-0+976.01	7.00	291	4								3-170	PCCP
K0+976.01	K-0+983.01	7.00	292	4								3-170	PCCP
K0+983.01	K-0+990.01	7.00	293	4								3-170	PCCP
K0+990.01	K-0+997.01	7.00	294	4								3-170	PCCP
K0+997.01	K-1+004.01	7.00	295	4								3-170	PCCP

Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K1+004.01	K-1+011.01	7.00	296	4								3-170	PCCP
K1+011.01	K-1+018.01	7.00	297	4								3-170	PCCP
K1+018.01	K-1+025.01	7.00	298	4								3-170	PCCP
K1+025.01	K-1+032.01	7.00	299	4								3-170	PCCP
K1+032.01	K-1+039.01	7.00	300	4								3-170	PCCP
K1+039.01	K-1+046.01	7.00	301	4								3-170	PCCP
K1+046.01	K-1+053.01	7.00	302	4								3-170	PCCP
K1+053.01	K-1+060.01	7.00	303	4								3-170	PCCP
K1+060.01	K-1+067.01	7.00	304	4								3-170	PCCP
K1+067.01	K-1+074.01	7.00	305	4								3-170	PCCP
K1+074.01	K-1+081.01	7.00	306	4								3-170	PCCP
K1+081.01	K-1+088.01	7.00	307	4								3-170	PCCP
K1+088.01	K-1+095.01	7.00	308	4								3-170	PCCP
K1+095.01	K-1+102.01	7.00	309	4								3-170	PCCP
K1+102.01	K-1+109.01	7.00	310	4								3-170	PCCP
K1+109.01	K-1+116.01	7.00	311	4								3-170	PCCP
K1+116.01	K-1+123.01	7.00	312	4								3-170	PCCP
K1+123.01	K-1+130.01	7.00	313	4								3-170	PCCP
K1+130.01	K-1+137.01	7.00	314	4								3-170	PCCP
K1+137.01	K-1+144.01	7.00	315	4								3-170	PCCP
K1+144.01	K-1+151.01	7.00	316	4								3-170	PCCP
K1+151.01	K-1+158.01	7.00	317	4								3-170	PCCP
K1+158.01	K-1+165.01	7.00	318	4								3-170	PCCP
K1+165.01	K-1+172.01	7.00	319	4								3-170	PCCP
K1+172.01	K-1+179.01	7.00	320	4								3-170	PCCP
K1+179.01	K-1+186.01	7.00	321	4								3-170	PCCP
K1+186.01	K-1+193.01	7.00	322	4								3-170	PCCP
K1+193.01	K-1+200.01	7.00	323	4								3-170	PCCP
K1+200.01	K-1+207.01	7.00	324	4								3-170	PCCP
K1+207.01	K-1+214.01	7.00	325	4								3-170	PCCP
K1+214.01	K-1+221.01	7.00	326	4								3-170	PCCP
K1+221.01	K-1+228.01	7.00	327	4								3-170	PCCP
K1+228.01	K-1+235.01	7.00	328	4								3-170	PCCP
K1+235.01	K-1+242.01	7.00	329	4								3-170	PCCP
K1+242.01	K-1+249.01	7.00	330	4								3-170	PCCP
K1+249.01	K-1+256.01	7.00	331	5								3-170	PCCP
K1+256.01	K-1+263.01	7.00	332	5								3-170	PCCP
K1+263.01	K-1+270.01	7.00	333	5								3-170	PCCP
K1+270.01	K-1+277.01	7.00	334	5								3-170	PCCP
K1+277.01	K-1+284.01	7.00	335	5								3-170	PCCP
K1+284.01	K-1+291.01	7.00	336	5								3-170	PCCP
K1+291.01	K-1+292.26	1.25	336A	5		Manhole 11	Access Point Ø 16" (#11)						STEEL
K1+292.26	K-1+299.26	7.00	337	5								3-170	PCCP
K1+299.26	K-1+306.26	7.00	338	5								3-170	PCCP
K1+306.26	K-1+313.26	7.00	339	5								3-170	PCCP
K1+313.26	K-1+320.26	7.00	340	5								3-170	PCCP
K1+320.26	K-1+327.26	7.00	341	5								3-170	PCCP
K1+327.26	K-1+334.26	7.00	342	5								3-170	PCCP
K1+334.26	K-1+341.26	7.00	343	5								3-170	PCCP
K1+341.26	K-1+348.26	7.00	344	5								3-170	PCCP
K1+348.26	K-1+355.26	7.00	345	5								3-170	PCCP
K1+355.26	K-1+362.26	7.00	346	5								3-170	PCCP
K1+362.26	K-1+369.26	7.00	347	5								3-170	PCCP
K1+369.26	K-1+376.26	7.00	348	5								3-170	PCCP
K1+376.26	K-1+383.26	7.00	349	5								3-170	PCCP
K1+383.26	K-1+390.26	7.00	350	5								3-170	PCCP
K1+390.26	K-1+397.26	7.00	351	5								3-170	PCCP
K1+397.26	K-1+404.26	7.00	352	5		15					15	3-170	PCCP
K1+404.26	K-1+411.26	7.00	353	5								3-170	PCCP
K1+411.26	K-1+418.26	7.00	354	5		5					5	3-170	PCCP
K1+418.26	K-1+425.26	7.00	355	5								3-170	PCCP
K1+425.26	K-1+432.26	7.00	356	5								3-170	PCCP
K1+432.26	K-1+439.26	7.00	357	5								3-170	PCCP
K1+439.26	K-1+446.26	7.00	358	5								3-170	PCCP
K1+446.26	K-1+453.26	7.00	359	5		5					5	3-170	PCCP
K1+453.26	K-1+460.26	7.00	360	5								3-170	PCCP
K1+460.26	K-1+467.26	7.00	361	5								3-170	PCCP
K1+467.26	K-1+474.26	7.00	362	5								3-170	PCCP
K1+474.26	K-1+481.26	7.00	363	5								3-170	PCCP
K1+481.26	K-1+488.26	7.00	364	5								3-170	PCCP
K1+488.26	K-1+495.26	7.00	365	5								3-170	PCCP
K1+495.26	K-1+502.26	7.00	366	5								3-170	PCCP
K1+502.26	K-1+509.26	7.00	367	5								3-170	PCCP
K1+509.26	K-1+516.26	7.00	368	5								3-170	PCCP
K1+516.26	K-1+523.26	7.00	369	5								3-170	PCCP
K1+523.26	K-1+530.26	7.00	370	5								3-170	PCCP
K1+530.26	K-1+537.26	7.00	371	5								3-170	PCCP
K1+537.26	K-1+544.26	7.00	372	5								3-170	PCCP
K1+544.26	K-1+551.26	7.00	373	5								3-170	PCCP
K1+551.26	K-1+558.26	7.00	374	5								3-170	PCCP
K1+558.26	K-1+565.26	7.00	375	5								3-170	PCCP
K1+565.26	K-1+572.26	7.00	376	5								3-170	PCCP
K1+572.26	K-1+579.26	7.00	377	5								3-170	PCCP
K1+579.26	K-1+586.26	7.00	378	5								3-170	PCCP
K1+586.26	K-1+593.26	7.00	379	5								3-170	PCCP
K1+593.26	K-1+600.26	7.00	380	5								3-170	PCCP
K1+600.26	K-1+607.26	7.00	381	5								3-170	PCCP
K1+607.26	K-1+614.26	7.00	382	5		Vent 12	Air Valve Ø 8" (#12)					3-170	PCCP
K1+614.26	K-1+621.26	7.00	383	5								3-170	PCCP
K1+621.26	K-1+628.26	7.00	384	5								3-170	PCCP
K1+628.26	K-1+635.26	7.00	385	5								3-170	PCCP
K1+635.26	K-1+642.26	7.00	386	5								3-170	PCCP

Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K1+642.26	K1+649.26	7.00	387	5								3-170	PCCP
K1+649.26	K1+656.26	7.00	388	5								3-170	PCCP
K1+656.26	K1+663.26	7.00	389	5								3-170	PCCP
K1+663.26	K1+670.26	7.00	390	5								3-170	PCCP
K1+670.26	K1+677.26	7.00	391	5								3-170	PCCP
K1+677.26	K1+684.26	7.00	392	5								3-170	PCCP
K1+684.26	K1+691.26	7.00	393	5								3-170	PCCP
K1+691.26	K1+698.26	7.00	394	5								3-170	PCCP
K1+698.26	K1+705.26	7.00	395	5								3-170	PCCP
K1+705.26	K1+712.26	7.00	396	5								3-170	PCCP
K1+712.26	K1+719.26	7.00	397	5								3-170	PCCP
K1+719.26	K1+726.26	7.00	398	5								3-170	PCCP
K1+726.26	K1+733.26	7.00	399	5								3-170	PCCP
K1+733.26	K1+740.26	7.00	400	5								3-170	PCCP
K1+740.26	K1+747.26	7.00	401	5								3-170	PCCP
K1+747.26	K1+754.26	7.00	402	5								3-170	PCCP
K1+754.26	K1+761.26	7.00	403	5								3-170	PCCP
K1+761.26	K1+768.26	7.00	404	5								3-170	PCCP
K1+768.26	K1+775.26	7.00	405	5								3-170	PCCP
K1+775.26	K1+782.26	7.00	406	5								3-170	PCCP
K1+782.26	K1+789.26	7.00	407	5								3-170	PCCP
K1+789.26	K1+796.26	7.00	408	5								3-170	PCCP
K1+796.26	K1+803.26	7.00	409	5								3-170	PCCP
K1+803.26	K1+810.26	7.00	410	5								3-170	PCCP
K1+810.26	K1+817.26	7.00	411	5								3-170	PCCP
K1+817.26	K1+824.26	7.00	412	5								3-170	PCCP
K1+824.26	K1+831.26	7.00	413	5								3-170	PCCP
K1+831.26	K1+838.26	7.00	414	5								3-170	PCCP
K1+838.26	K1+845.26	7.00	415	5								3-170	PCCP
K1+845.26	K1+852.26	7.00	416	5								3-170	PCCP
K1+852.26	K1+859.26	7.00	417	5								3-170	PCCP
K1+859.26	K1+866.26	7.00	418	5								3-170	PCCP
K1+866.26	K1+873.26	7.00	419	5								3-170	PCCP
K1+873.26	K1+880.26	7.00	420	5								3-170	PCCP
K1+880.26	K1+887.26	7.00	421	6								3-170	PCCP
K1+887.26	K1+894.26	7.00	422	6								3-170	PCCP
K1+894.26	K1+901.26	7.00	423	6								3-170	PCCP
K1+901.26	K1+908.26	7.00	424	6								3-170	PCCP
K1+908.26	K1+915.26	7.00	425	6								3-170	PCCP
K1+915.26	K1+922.26	7.00	426	6	5					5		3-170	PCCP
K1+922.26	K1+929.26	7.00	427	6								3-170	PCCP
K1+929.26	K1+936.26	7.00	428	6	5					5		3-170	PCCP
K1+936.26	K1+943.26	7.00	429	6								3-170	PCCP
K1+943.26	K1+950.26	7.00	430	6								3-170	PCCP
K1+950.26	K1+957.26	7.00	431	6								3-170	PCCP
K1+957.26	K1+964.26	7.00	432	6								3-170	PCCP
K1+964.26	K1+971.26	7.00	433	6								3-170	PCCP
K1+971.26	K1+978.26	7.00	434	6								3-170	PCCP
K1+978.26	K1+985.26	7.00	435	6								3-170	PCCP
K1+985.26	K1+992.26	7.00	436	6								3-170	PCCP
K1+992.26	K1+999.26	7.00	437	6								3-170	PCCP
K1+999.26	K2+006.26	7.00	438	6								3-170	PCCP
K2+006.26	K2+013.26	7.00	439	6								3-170	PCCP
K2+013.26	K2+020.25	7.00	440	6								3-170	PCCP
K2+020.25	K2+027.25	7.00	441	6								3-170	PCCP
K2+027.25	K2+034.25	7.00	442	6								3-170	PCCP
K2+034.25	K2+041.25	7.00	443	6								3-170	PCCP
K2+041.25	K2+048.25	7.00	444	6								3-170	PCCP
K2+048.25	K2+055.25	7.00	445	6								3-170	PCCP
K2+055.25	K2+056.45	1.20	445A	6		MH 13	Access Point Ø 16" with Ø 12" output (#13)						STEEL
K2+056.45	K2+063.45	7.00	446	6								3-180	PCCP
K2+063.45	K2+070.45	7.00	447	6								3-180	PCCP
K2+070.45	K2+077.45	7.00	448	6	50			5		45		3-180	PCCP
K2+077.45	K2+084.45	7.00	449	6								3-180	PCCP
K2+084.45	K2+091.45	7.00	450	6	35				30		5	3-180	PCCP
K2+091.45	K2+098.42	7.00	451	6	85				85			3-180	PCCP
K2+098.42	K2+105.32	6.92	452	6								3-180	PCCP
K2+105.32	K2+112.30	7.00	453	6								3-180	PCCP
K2+112.30	K2+119.28	7.00	454	6								3-180	PCCP
K2+119.28	K2+126.56	7.00	455	6								3-180	PCCP
K2+126.56	K2+133.24	7.00	456	6	65					65		3-180	PCCP
K2+133.24	K2+140.24	7.00	457	6								3-180	PCCP
K2+140.24	K2+147.24	7.00	458	6								3-180	PCCP
K2+147.24	K2+154.24	7.00	459	6								3-180	PCCP
K2+154.24	K2+161.24	7.00	460	6	30			30				3-180	PCCP
K2+161.24	K2+168.24	7.00	461	6	5					5		3-180	PCCP
K2+168.24	K2+175.24	7.00	462	6								3-180	PCCP
K2+175.24	K2+182.24	7.00	463	6								3-180	PCCP
K2+182.24	K2+189.24	7.00	464	6								3-180	PCCP
K2+189.24	K2+196.24	7.00	465	6	35				30		5	3-180	PCCP
K2+196.24	K2+203.24	7.00	466	6	110				110			3-180	PCCP
K2+203.24	K2+210.24	7.00	467	6								3-180	PCCP
K2+210.24	K2+217.11	6.88	468	6					110			3-180	PCCP
K2+217.11	K2+224.11	7.00	469	6								3-180	PCCP
K2+224.11	K2+231.11	7.00	470	6								3-180	PCCP
K2+231.11	K2+238.11	7.00	471	6								3-180	PCCP
K2+238.11	K2+245.07	7.00	472	6								3-180	PCCP
K2+245.07	K2+249.07	4.00	473	6								3-180	PCCP
K2+249.07	K2+252.07	3.00	473A	6			with closing belt					3-180	STEEL
K2+252.07	K2+259.07	7.00	474	6								3-180	PCCP
K2+259.07	K2+266.07	7.00	475	6								3-180	PCCP
K2+266.07	K2+273.07	7.00	476	6								3-180	PCCP
K2+273.07	K2+280.07	7.00	477	6								3-180	PCCP
K2+280.07	K2+287.07	7.00	478	6								3-180	PCCP

Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K2+287.07	K2+294.07	7.00	479	6								3-180	PCCP
K2+294.07	K2+301.07	7.00	480	6								3-180	PCCP
K2+301.07	K2+308.07	7.00	481	6								3-180	PCCP
K2+308.07	K2+320.50	6.83	482	6								4-180	PCCP
K2+320.50	K2+321.85	6.99	483	6								4-180	PCCP
K2+321.85	K2+328.77	6.94	484	6								4-180	PCCP
K2+328.77	K2+335.75	7.00	485	6								4-180	PCCP
K2+335.75	K2+342.75	7.00	486	6								4-180	PCCP
K2+342.75	K2+349.75	7.00	487	6								4-180	PCCP
K2+349.75	K2+351.00	1.25	487A	6		Drain 14	Drain Ø 16 (#14)						STEEL
K2+351.00	K2+357.97	7.00	488	6								4-180	PCCP
K2+357.97	K2+364.94	7.00	489	6								4-180	PCCP
K2+364.94	K2+371.91	7.00	490	6								4-180	PCCP
K2+371.91	K2+378.89	7.00	491	6								4-180	PCCP
K2+378.89	K2+385.71	6.82	492	6								3-180	PCCP
K2+385.71	K2+392.71	7.00	493	6								3-180	PCCP
K2+392.71	K2+399.70	7.00	494	6								3-180	PCCP
K2+399.70	K2+406.70	7.00	495	6								3-180	PCCP
K2+406.70	K2+413.70	7.00	496	6								3-180	PCCP
K2+413.70	K2+420.70	7.00	497	6								3-180	PCCP
K2+420.70	K2+427.70	7.00	498	6								3-180	PCCP
K2+427.70	K2+434.70	7.00	499	6								3-180	PCCP
K2+434.70	K2+441.70	7.00	500	6								3-180	PCCP
K2+441.70	K2+448.70	7.00	501	6								3-180	PCCP
K2+448.70	K2+455.70	7.00	502	6								3-180	PCCP
K2+455.70	K2+462.70	7.00	503	6								3-180	PCCP
K2+462.70	K2+469.70	7.00	504	6								3-180	PCCP
K2+469.70	K2+476.70	7.00	505	6								3-180	PCCP
K2+476.70	K2+483.70	7.00	506	7								3-180	PCCP
K2+483.70	K2+490.70	7.00	507	7								3-180	PCCP
K2+490.70	K2+497.70	7.00	508	7								3-180	PCCP
K2+497.70	K2+504.70	7.00	509	7								3-180	PCCP
K2+504.70	K2+511.70	7.00	510	7								3-180	PCCP
K2+511.70	K2+518.70	7.00	511	7								3-180	PCCP
K2+518.70	K2+525.70	7.00	512	7								3-180	PCCP
K2+525.70	K2+532.70	7.00	513	7								3-180	PCCP
K2+532.70	K2+539.70	7.00	514	7								3-180	PCCP
K2+539.70	K2+546.70	7.00	515	7								3-180	PCCP
K2+546.70	K2+553.70	7.00	516	7								3-180	PCCP
K2+553.70	K2+560.70	7.00	517	7								3-180	PCCP
K2+560.70	K2+567.70	7.00	518	7								3-180	PCCP
K2+567.70	K2+574.70	7.00	519	7								3-180	PCCP
K2+574.70	K2+581.70	7.00	520	7								3-180	PCCP
K2+581.70	K2+588.70	7.00	521	7								3-180	PCCP
K2+588.70	K2+595.70	7.00	522	7								3-180	PCCP
K2+595.70	K2+602.67	7.00	523	7								3-180	PCCP
K2+602.67	K2+609.62	7.00	524	7								3-180	PCCP
K2+609.62	K2+616.62	7.00	525	7								3-180	PCCP
K2+616.62	K2+623.62	7.00	526	7								3-180	PCCP
K2+623.62	K2+630.62	7.00	527	7								3-180	PCCP
K2+630.62	K2+637.62	7.00	528	7	5						5	3-180	PCCP
K2+637.62	K2+644.35	7.00	529	7								3-180	PCCP
K2+644.35	K2+651.17	6.82	530	7								3-180	PCCP
K2+651.17	K2+658.10	6.93	531	7								3-170	PCCP
K2+658.10	K2+665.10	7.00	532	7								3-170	PCCP
K2+665.10	K2+672.10	7.00	533	7								3-170	PCCP
K2+672.10	K2+679.10	7.00	534	7								3-170	PCCP
K2+679.10	K2+686.10	7.00	535	7								3-170	PCCP
K2+686.10	K2+693.10	7.00	536	7								3-170	PCCP
K2+693.10	K2+700.10	7.00	537	7								3-170	PCCP
K2+700.10	K2+707.10	7.00	538	7								3-170	PCCP
K2+707.10	K2+714.10	7.00	539	7								3-170	PCCP
K2+714.10	K2+721.10	7.00	540	7								3-170	PCCP
K2+721.10	K2+728.10	7.00	541	7								3-170	PCCP
K2+728.10	K2+735.10	7.00	542	7								3-170	PCCP
K2+735.10	K2+742.10	7.00	543	7								3-170	PCCP
K2+742.10	K2+749.10	7.00	544	7								3-170	PCCP
K2+749.10	K2+756.10	7.00	545	7								3-170	PCCP
K2+756.10	K2+763.10	7.00	546	7								3-170	PCCP
K2+763.10	K2+770.10	7.00	547	7								3-170	PCCP
K2+770.10	K2+777.10	7.00	548	7								3-170	PCCP
K2+777.10	K2+784.10	7.00	549	7								3-170	PCCP
K2+784.10	K2+791.10	7.00	550	7								3-170	PCCP
K2+791.10	K2+798.10	7.00	551	7								3-170	PCCP
K2+798.10	K2+805.10	7.00	552	7								3-170	PCCP
K2+805.10	K2+812.10	7.00	553	7								3-170	PCCP
K2+812.10	K2+819.10	7.00	554	7								3-170	PCCP
K2+819.10	K2+826.10	7.00	555	7								3-170	PCCP
K2+826.10	K2+833.10	7.00	556	7								3-170	PCCP
K2+833.10	K2+840.10	7.00	557	7								3-170	PCCP
K2+840.10	K2+847.10	7.00	558	7								3-170	PCCP
K2+847.10	K2+854.10	7.00	559	7								3-170	PCCP
K2+854.10	K2+861.10	7.00	560	7								3-170	PCCP
K2+861.10	K2+868.10	7.00	561	7								3-170	PCCP
K2+868.10	K2+875.04	6.95	562	7								3-170	PCCP
K2+875.04	K2+882.04	7.00	563	7								3-170	PCCP
K2+882.04	K2+889.04	7.00	564	7								3-170	PCCP
K2+889.04	K2+896.04	7.00	565	7								3-170	PCCP
K2+896.04	K2+903.04	7.00	566	7								3-170	PCCP
K2+903.04	K2+910.04	7.00	567	7								3-170	PCCP
K2+910.04	K2+917.04	7.00	568	7	20			5		15		3-170	PCCP
K2+917.04	K2+924.04	7.00	569	7								3-170	PCCP
K2+924.04	K2+931.04	7.00	570	7								3-170	PCCP
K2+931.04	K2+938.04	7.00	571	7								3-170	PCCP

Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K2+938.04	K-2+945.04	7.00	572	7								3-170	PCCP
K2+945.04	K-2+952.04	7.00	573	7								3-170	PCCP
K2+952.04	K-2+953.29	1.25	573A	7		Manhole 15	Access Point Ø 16" (#15)					3-170	STEEL
K2+953.29	K-2+960.29	7.00	574	7								3-170	PCCP
K2+960.29	K-2+967.29	7.00	575	7								3-170	PCCP
K2+967.29	K-2+974.29	7.00	576	7								3-170	PCCP
K2+974.29	K-2+981.29	7.00	577	7								3-170	PCCP
K2+981.29	K-2+988.29	7.00	578	7								3-170	PCCP
K2+988.29	K-2+995.29	7.00	579	7								3-170	PCCP
K2+995.29	K-3+002.29	7.00	580	7								3-170	PCCP
K3+002.29	K-3+009.29	7.00	581	7	15					15		3-170	PCCP
K3+009.29	K-3+016.29	7.00	582	7								3-170	PCCP
K3+016.29	K-3+023.29	7.00	583	7								3-170	PCCP
K3+023.29	K-3+030.29	7.00	584	7								3-170	PCCP
K3+030.29	K-3+037.29	7.00	585	7								3-170	PCCP
K3+037.29	K-3+044.29	7.00	586	7								3-170	PCCP
K3+044.29	K-3+051.29	7.00	587	7								3-170	PCCP
K3+051.29	K-3+058.29	7.00	588	7								3-170	PCCP
K3+058.29	K-3+065.29	7.00	589	7								3-170	PCCP
K3+065.29	K-3+072.29	7.00	590	7								3-170	PCCP
K3+072.29	K-3+079.29	7.00	591	7	5			5				3-170	PCCP
K3+079.29	K-3+086.29	7.00	592	8								3-170	PCCP
K3+086.29	K-3+093.29	7.00	593	8								3-170	PCCP
K3+093.29	K-3+100.29	7.00	594	8								3-170	PCCP
K3+100.29	K-3+107.29	7.00	595	8								3-170	PCCP
K3+107.29	K-3+114.29	7.00	596	8								3-170	PCCP
K3+114.29	K-3+121.29	7.00	597	8								3-170	PCCP
K3+121.29	K-3+128.29	7.00	598	8								3-170	PCCP
K3+128.29	K-3+135.29	7.00	599	8	5					5		3-170	PCCP
K3+135.29	K-3+142.29	7.00	600	8								3-170	PCCP
K3+142.29	K-3+149.29	7.00	601	8	110	may be due to two regions of wire damage				110		3-170	PCCP
K3+149.29	K-3+156.29	7.00	602	8								3-170	PCCP
K3+156.29	K-3+163.29	7.00	603	8	5					5		3-170	PCCP
K3+163.29	K-3+170.29	7.00	604	8	45					45		3-170	PCCP
K3+170.29	K-3+177.29	7.00	605	8	130			60	70			3-170	PCCP
K3+177.29	K-3+184.29	7.00	606	8								3-170	PCCP
K3+184.29	K-3+191.29	7.00	607	8								3-170	PCCP
K3+191.29	K-3+198.29	7.00	608	8								3-170	PCCP
K3+198.29	K-3+205.29	7.00	609	8	5					5		3-170	PCCP
K3+205.29	K-3+212.29	7.00	610	8								3-170	PCCP
K3+212.29	K-3+219.29	7.00	611	8	190	may be due to scattered breaks			190			3-170	PCCP
K3+219.29	K-3+226.29	7.00	612	8	125	may be due to scattered breaks			125			3-170	PCCP
K3+226.29	K-3+233.29	7.00	613	8								3-170	PCCP
K3+233.29	K-3+240.29	7.00	614	8								3-170	PCCP
K3+240.29	K-3+247.29	7.00	615	8	90				85	5		3-170	PCCP
K3+247.29	K-3+254.29	7.00	616	8								3-170	PCCP
K3+254.29	K-3+261.29	7.00	617	8								3-170	PCCP
K3+261.29	K-3+268.29	7.00	618	8								3-170	PCCP
K3+268.29	K-3+275.29	7.00	619	8								3-170	PCCP
K3+275.29	K-3+282.29	7.00	620	8								3-170	PCCP
K3+282.29	K-3+289.29	7.00	621	8								3-170	PCCP
K3+289.29	K-3+296.29	7.00	622	8	100						100	3-170	PCCP
K3+296.29	K-3+303.29	7.00	623	8								3-170	PCCP
K3+303.29	K-3+310.29	7.00	624	8								3-170	PCCP
K3+310.29	K-3+317.29	7.00	625	8								3-170	PCCP
K3+317.29	K-3+324.29	7.00	626	8								3-170	PCCP
K3+324.29	K-3+331.29	7.00	627	8	30						30	3-170	PCCP
K3+331.29	K-3+338.29	7.00	628	8								3-170	PCCP
K3+338.29	K-3+345.29	7.00	629	8								3-170	PCCP
K3+345.29	K-3+352.29	7.00	630	8								3-170	PCCP
K3+352.29	K-3+359.29	7.00	631	8								3-170	PCCP
K3+359.29	K-3+366.29	7.00	632	8								3-170	PCCP
K3+366.29	K-3+373.29	7.00	633	8	5					5		3-170	PCCP
K3+373.29	K-3+380.29	7.00	634	8								3-170	PCCP
K3+380.29	K-3+387.29	7.00	635	8								3-170	PCCP
K3+387.29	K-3+394.29	7.00	636	8								3-170	PCCP
K3+394.29	K-3+401.29	7.00	637	8								3-170	PCCP
K3+401.29	K-3+408.29	7.00	638	8								3-170	PCCP
K3+408.29	K-3+415.29	7.00	639	8								3-170	PCCP
K3+415.29	K-3+422.29	7.00	640	8	10				10			3-170	PCCP
K3+422.29	K-3+429.29	7.00	641	8								3-170	PCCP
K3+429.29	K-3+436.29	7.00	642	8								3-170	PCCP
K3+436.29	K-3+443.29	7.00	643	8	5					5		3-170	PCCP
K3+443.29	K-3+450.29	7.00	644	8								3-170	PCCP
K3+450.29	K-3+457.29	7.00	645	8								3-170	PCCP
K3+457.29	K-3+464.29	7.00	646	8	80	may be due to scattered breaks			20	55	5	3-170	PCCP
K3+464.29	K-3+471.29	7.00	647	8								3-170	PCCP
K3+471.29	K-3+478.29	7.00	648	8								3-170	PCCP
K3+478.29	K-3+485.29	7.00	649	8								3-170	PCCP
K3+485.29	K-3+492.29	7.00	650	8								3-170	PCCP
K3+492.29	K-3+499.29	7.00	651	8								3-170	PCCP
K3+499.29	K-3+506.29	7.00	652	8	220				110	110		3-170	PCCP
K3+506.29	K-3+513.29	7.00	653	8								3-170	PCCP
K3+513.29	K-3+520.29	7.00	654	8								3-170	PCCP
K3+520.29	K-3+527.29	7.00	655	8								3-170	PCCP
K3+527.29	K-3+534.29	7.00	656	8								3-170	PCCP
K3+534.29	K-3+541.29	7.00	657	8								3-170	PCCP
K3+541.29	K-3+548.29	7.00	658	8								3-170	PCCP
K3+548.29	K-3+555.29	7.00	659	8								3-170	PCCP
K3+555.29	K-3+562.29	7.00	660	8								3-170	PCCP
K3+562.29	K-3+569.29	7.00	661	8								3-170	PCCP
K3+569.29	K-3+576.29	7.00	662	8								3-170	PCCP
K3+576.29	K-3+583.29	7.00	663	8								3-170	PCCP
K3+583.29	K-3+590.29	7.00	664	8								3-170	PCCP



Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter		
K3+590.29	K-3+597.29	7.00	665	8								3-170	PCCP
K3+597.29	K-3+604.29	7.00	666	8								3-170	PCCP
K3+604.29	K-3+611.29	7.00	667	8								3-170	PCCP
K3+611.29	K-3+618.29	7.00	668	8								3-170	PCCP
K3+618.29	K-3+625.29	7.00	669	8								3-170	PCCP
K3+625.29	K-3+632.29	7.00	670	8								3-170	PCCP
K3+632.29	K-3+639.29	7.00	671	8								3-170	PCCP
K3+639.29	K-3+646.29	7.00	672	8								3-170	PCCP
K3+646.29	K-3+653.29	7.00	673	8								3-170	PCCP
K3+653.29	K-3+660.29	7.00	674	8								3-170	PCCP
K3+660.29	K-3+667.29	7.00	675	8								3-170	PCCP
K3+667.29	K-3+674.29	7.00	676	8								3-170	PCCP
K3+674.29	K-3+681.29	7.00	677	9								3-170	PCCP
K3+681.29	K-3+688.29	7.00	678	9								3-170	PCCP
K3+688.29	K-3+695.29	7.00	679	9								3-170	PCCP
K3+695.29	K-3+702.29	7.00	680	9								3-170	PCCP
K3+702.29	K-3+709.29	7.00	681	9	55						55	3-170	PCCP
K3+709.29	K-3+716.29	7.00	682	9								3-170	PCCP
K3+716.29	K-3+723.29	7.00	683	9								3-170	PCCP
K3+723.29	K-3+730.29	7.00	684	9								3-170	PCCP
K3+730.29	K-3+737.29	7.00	685	9								3-170	PCCP
K3+737.29	K-3+744.29	7.00	686	9	5				5			3-170	PCCP
K3+744.29	K-3+751.29	7.00	687	9								3-170	PCCP
K3+751.29	K-3+758.29	7.00	688	9								3-170	PCCP
K3+758.29	K-3+765.29	7.00	689	9								3-170	PCCP
K3+765.29	K-3+772.29	7.00	690	9								3-170	PCCP
K3+772.29	K-3+779.29	7.00	691	9								3-170	PCCP
K3+779.29	K-3+786.29	7.00	692	9								3-170	PCCP
K3+786.29	K-3+793.29	7.00	693	9								3-170	PCCP
K3+793.29	K-3+800.29	7.00	694	9								3-170	PCCP
K3+800.29	K-3+807.29	7.00	695	9								3-170	PCCP
K3+807.29	K-3+814.29	7.00	696	9								3-170	PCCP
K3+814.29	K-3+821.29	7.00	697	9								3-170	PCCP
K3+821.29	K-3+828.29	7.00	698	9								3-170	PCCP
K3+828.29	K-3+835.29	7.00	699	9		anomalous joint 699/700						3-170	PCCP
K3+835.29	K-3+842.29	7.00	700	9	5						5	3-170	PCCP
K3+842.29	K-3+849.29	7.00	701	9								3-170	PCCP
K3+849.29	K-3+850.54	1.25	701A	9		Manhole 16	Access Point Ø 16" (#16)					3-170	STEEL
K3+850.54	K-3+857.54	7.00	702	9								3-170	PCCP
K3+857.54	K-3+864.54	7.00	703	9								3-170	PCCP
K3+864.54	K-3+871.54	7.00	704	9								3-170	PCCP
K3+871.54	K-3+878.54	7.00	705	9								3-170	PCCP
K3+878.54	K-3+885.54	7.00	706	9								3-170	PCCP
K3+885.54	K-3+892.54	7.00	707	9								3-170	PCCP
K3+892.54	K-3+899.54	7.00	708	9								3-170	PCCP
K3+899.54	K-3+906.54	7.00	709	9								3-170	PCCP
K3+906.54	K-3+913.54	7.00	710	9								3-170	PCCP
K3+913.54	K-3+920.54	7.00	711	9								3-170	PCCP
K3+920.54	K-3+927.54	7.00	712	9								3-170	PCCP
K3+927.54	K-3+934.54	7.00	713	9								3-170	PCCP
K3+934.54	K-3+941.54	7.00	714	9								3-170	PCCP
K3+941.54	K-3+948.54	7.00	715	9								3-170	PCCP
K3+948.54	K-3+955.54	7.00	716	9								3-170	PCCP
K3+955.54	K-3+962.54	7.00	717	9								3-170	PCCP
K3+962.54	K-3+969.54	7.00	718	9								3-170	PCCP
K3+969.54	K-3+976.54	7.00	719	9								3-170	PCCP
K3+976.54	K-3+983.54	7.00	720	9								3-170	PCCP
K3+983.54	K-3+990.54	7.00	721	9								3-170	PCCP
K3+990.54	K-3+997.54	7.00	722	9								3-170	PCCP
K3+997.54	K-4+004.54	7.00	723	9								3-170	PCCP
K4+004.54	K-4+011.54	7.00	724	9								3-170	PCCP
K4+011.54	K-4+018.54	7.00	725	9								3-170	PCCP
K4+018.54	K-4+025.54	7.00	726	9								3-170	PCCP
K4+025.54	K-4+032.54	7.00	727	9								3-170	PCCP
K4+032.54	K-4+039.54	7.00	728	9								3-170	PCCP
K4+039.54	K-4+046.54	7.00	729	9								3-170	PCCP
K4+046.54	K-4+053.54	7.00	730	9								3-170	PCCP
K4+053.54	K-4+060.54	7.00	731	9								3-170	PCCP
K4+060.54	K-4+067.54	7.00	732	9								3-170	PCCP
K4+067.54	K-4+074.54	7.00	733	9								3-170	PCCP
K4+074.54	K-4+081.54	7.00	734	9								3-170	PCCP
K4+081.54	K-4+088.54	7.00	735	9								3-170	PCCP
K4+088.54	K-4+095.54	7.00	736	9								3-170	PCCP
K4+095.54	K-4+102.54	7.00	737	9								3-170	PCCP
K4+102.54	K-4+109.54	7.00	738	9	30					30		3-170	PCCP
K4+109.54	K-4+116.54	7.00	739	9					5			3-170	PCCP
K4+116.54	K-4+123.54	7.00	740	9	5							3-170	PCCP
K4+123.54	K-4+130.54	7.00	741	9		repair here on pipe book	Breakage N°3 (replaced for a Kit on March 15 1982)					3-170	PCCP
K4+130.54	K-4+137.54	7.00	742	9								3-170	PCCP
K4+137.54	K-4+144.54	7.00	743	9		Pwave Inspection finds the repaired pipe here						3-170	PCCP
K4+144.54	K-4+151.54	7.00	744	9								3-170	PCCP
K4+151.54	K-4+158.54	7.00	745	9	125					55	70	3-170	PCCP
K4+158.54	K-4+165.54	7.00	746	9								3-170	PCCP
K4+165.54	K-4+172.54	7.00	747	9								3-170	PCCP
K4+172.54	K-4+179.54	7.00	748	9								3-170	PCCP
K4+179.54	K-4+186.54	7.00	749	9								3-170	PCCP
K4+186.54	K-4+193.54	7.00	750	9								3-170	PCCP
K4+193.54	K-4+200.54	7.00	751	9								3-170	PCCP
K4+200.54	K-4+207.54	7.00	752	9		valve 17 - does not match plan profile, off by one pipe section	Air Valve Ø 8" (#17)					3-170	PCCP
K4+207.54	K-4+214.54	7.00	753	9								3-170	PCCP
K4+214.54	K-4+221.54	7.00	754	9								3-170	PCCP

Bogota Columbia 78" Tibitoc PCCP P-Wave Inspection

Station Start	Station End	Length	Pipe Book Pipe #	Detailed Plan and Profile Page #	Wire Break Equivalent	Pure Notes	Pipe Book Note	Wire Breaks by Quarter				Pipe Class	Material	
								1st Quarter	2nd Quarter	3rd Quarter	4th Quarter			
K4+221.54	K-4+228.54	7.00	755	9								3-170	PCCP	
K4+228.54	K-4+235.54	7.00	756	9								3-170	PCCP	
K4+235.54	K-4+242.54	7.00	757	9								3-170	PCCP	
K4+242.54	K-4+249.54	7.00	758	9								3-170	PCCP	
K4+249.54	K-4+256.54	7.00	759	9								3-170	PCCP	
K4+256.54	K-4+263.54	7.00	760	9	30						30	3-170	PCCP	
K4+263.54	K-4+270.54	7.00	761	9								3-170	PCCP	
K4+270.54	K-4+277.54	7.00	762	9	5						5	3-170	PCCP	
K4+277.54	K-4+284.54	7.00	763	10	5						5	3-170	PCCP	
K4+284.54	K-4+291.54	7.00	764	10								3-170	PCCP	
K4+291.54	K-4+298.54	7.00	765	10								3-170	PCCP	
K4+298.54	K-4+305.54	7.00	766	10								3-170	PCCP	
K4+305.54	K-4+312.54	7.00	767	10								3-170	PCCP	
K4+312.54	K-4+319.54	7.00	768	10								3-170	PCCP	
K4+319.54	K-4+326.54	7.00	769	10								3-170	PCCP	
K4+326.54	K-4+333.54	7.00	770	10								3-170	PCCP	
K4+333.54	K-4+340.54	7.00	771	10								3-170	PCCP	
K4+340.54	K-4+347.54	7.00	772	10								3-170	PCCP	
K4+347.54	K-4+354.54	7.00	773	10								3-170	PCCP	
K4+354.54	K-4+361.54	7.00	774	10								3-170	PCCP	
K4+361.54	K-4+368.54	7.00	775	10								3-170	PCCP	
K4+368.54	K-4+375.54	7.00	776	10								3-170	PCCP	
K4+375.54	K-4+382.54	7.00	777	10								3-170	PCCP	
K4+382.54	K-4+389.54	7.00	778	10								3-170	PCCP	
K4+389.54	K-4+396.54	7.00	779	10								3-170	PCCP	
K4+396.54	K-4+403.54	7.00	780	10								3-170	PCCP	
K4+403.54	K-4+410.54	7.00	781	10								3-170	PCCP	
K4+410.54	K-4+417.54	7.00	782	10		end p-wave inspection here						3-170	PCCP	
K4+417.54	K-0+000.00	12.87	783	10		valve V-9	Ø 2.00 x 60" with Ø 60" bell output and closing belt					3-170	STEEL	
	K-0+000.00		784	10			Smooth nipple with Ø 60" bridle and Ø 10" bridle output					3-170	STEEL	
	K-0+000.00		785	10			1 Valvula de Ø 60" J.B.S						STEEL	
	K-0+000.00		786	10				Smooth nipple Ø 60" bridle and Ø 10" bridle output and Ø16" bridle drain						STEEL
	K-0+000.00		787	10				1 Dresser Union Ø 60"						STEEL
	K-0+000.00		788	10				1 widening of Ø 2.00 x 60" with smooth-end walkthrough Ø 60" bell Ø 2.00						STEEL