



ESTACA	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																						
COTA DO TERRENO NATURAL(m)	341.86	342.01	342.01	341.90	341.90	342.00	341.86	341.89	342.09	342.29	342.73	342.82	342.48	342.17	341.80	341.97	342.00	342.03	342.18	342.57	342.83	343.81	343.90	343.98	344.14	344.14	344.03	345.06	345.78	346.57	346.84	347.43	347.84	348.06	348.30	348.54	348.88	349.09	349.25	349.36	349.55	349.70	349.85	350.14	351.24	351.51	351.89	352.01	352.32	352.11	351.90	351.69	351.24	350.87	350.38	349.86	349.04	348.24	348.33	348.54	348.88	349.02	349.68	351.63	352.32	352.01	351.84	352.50	353.86	354.26	354.86																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
COTA DA GERATRIZ INFERIOR DO TUBO(m)	340.68	340.71	340.73	340.75	340.77	340.79	340.81	340.80	341.06	341.26	341.68	341.45	341.22	340.89	340.75	340.62	340.55	340.68	340.77	340.88	341.08	341.22	341.36	341.51	341.65	341.78	341.90	342.03	342.15	342.26	342.37	342.48	342.59	342.70	342.81	342.92	343.03	343.14	343.25	343.36	343.47	343.58	343.69	343.80	343.91	344.02	344.13	344.24	344.35	344.46	344.57	344.68	344.79	344.90	345.01	345.12	345.23	345.34	345.45	345.56	345.67	345.78	345.89	346.00	346.11	346.22	346.33	346.44	346.55	346.66	346.77	346.88	346.99	347.10	347.21	347.32	347.43	347.54	347.65	347.76	347.87	347.98	348.09	348.20	348.31	348.42	348.53	348.64	348.75	348.86	348.97	349.08	349.19	349.30	349.41	349.52	349.63	349.74	349.85	349.96	350.07	350.18	350.29	350.40	350.51	350.62	350.73	350.84	350.95	351.06	351.17	351.28	351.39	351.50	351.61	351.72	351.83	351.94	352.05	352.16	352.27	352.38	352.49	352.60	352.71	352.82	352.93	353.04	353.15	353.26	353.37	353.48	353.59	353.70	353.81	353.92	354.03	354.14	354.25	354.36	354.47	354.58	354.69	354.80	354.91	355.02	355.13	355.24	355.35	355.46	355.57	355.68	355.79	355.90	356.01	356.12	356.23	356.34	356.45	356.56	356.67	356.78	356.89	357.00	357.11	357.22	357.33	357.44	357.55	357.66	357.77	357.88	357.99	358.10	358.21	358.32	358.43	358.54	358.65	358.76	358.87	358.98	359.09	359.20	359.31	359.42	359.53	359.64	359.75	359.86	359.97	360.08	360.19	360.30	360.41	360.52	360.63	360.74	360.85	360.96	361.07	361.18	361.29	361.40	361.51	361.62	361.73	361.84	361.95	362.06	362.17	362.28	362.39	362.50	362.61	362.72	362.83	362.94	363.05	363.16	363.27	363.38	363.49	363.60	363.71	363.82	363.93	364.04	364.15	364.26	364.37	364.48	364.59	364.70	364.81	364.92	365.03	365.14	365.25	365.36	365.47	365.58	365.69	365.80	365.91	366.02	366.13	366.24	366.35	366.46	366.57	366.68	366.79	366.90	367.01	367.12	367.23	367.34	367.45	367.56	367.67	367.78	367.89	368.00	368.11	368.22	368.33	368.44	368.55	368.66	368.77	368.88	368.99	369.10	369.21	369.32	369.43	369.54	369.65	369.76	369.87	369.98	370.09	370.20	370.31	370.42	370.53	370.64	370.75	370.86	370.97	371.08	371.19	371.30	371.41	371.52	371.63	371.74	371.85	371.96	372.07	372.18	372.29	372.40	372.51	372.62	372.73	372.84	372.95	373.06	373.17	373.28	373.39	373.50	373.61	373.72	373.83	373.94	374.05	374.16	374.27	374.38	374.49	374.60	374.71	374.82	374.93	375.04	375.15	375.26	375.37	375.48	375.59	375.70	375.81	375.92	376.03	376.14	376.25	376.36	376.47	376.58	376.69	376.80	376.91	377.02	377.13	377.24	377.35	377.46	377.57	377.68	377.79	377.90	378.01	378.12	378.23	378.34	378.45	378.56	378.67	378.78	378.89	379.00	379.11	379.22	379.33	379.44	379.55	379.66	379.77	379.88	379.99	380.10	380.21	380.32	380.43	380.54	380.65	380.76	380.87	380.98	381.09	381.20	381.31	381.42	381.53	381.64	381.75	381.86	381.97	382.08	382.19	382.30	382.41	382.52	382.63	382.74	382.85	382.96	383.07	383.18	383.29	383.40	383.51	383.62	383.73	383.84	383.95	384.06	384.17	384.28	384.39	384.50	384.61	384.72	384.83	384.94	385.05	385.16	385.27	385.38	385.49	385.60	385.71	385.82	385.93	386.04	386.15	386.26	386.37	386.48	386.59	386.70	386.81	386.92	387.03	387.14	387.25	387.36	387.47	387.58	387.69	387.80	387.91	388.02	388.13	388.24	388.35	388.46	388.57	388.68	388.79	388.90	389.01	389.12	389.23	389.34	389.45	389.56	389.67	389.78	389.89	390.00	390.11	390.22	390.33	390.44	390.55	390.66	390.77	390.88	390.99	391.10	391.21	391.32	391.43	391.54	391.65	391.76	391.87	391.98	392.09	392.20	392.31	392.42	392.53	392.64	392.75	392.86	392.97	393.08	393.19	393.30	393.41	393.52	393.63	393.74	393.85	393.96	394.07	394.18	394.29	394.40	394.51	394.62	394.73	394.84	394.95	395.06	395.17	395.28	395.39	395.50	395.61	395.72	395.83	395.94	396.05	396.16	396.27	396.38	396.49	396.60	396.71	396.82	396.93	397.04	397.15	397.26	397.37	397.48	397.59	397.70	397.81	397.92	398.03	398.14	398.25	398.36	398.47	398.58	398.69	398.80	398.91	399.02	399.13	399.24	399.35	399.46	399.57	399.68	399.79	399.90	400.01	400.12	400.23	400.34	400.45	400.56	400.67	400.78	400.89	401.00	401.11	401.22	401.33	401.44	401.55	401.66	401.77	401.88	401.99	402.10	402.21	402.32	402.43	402.54	402.65	402.76	402.87	402.98	403.09	403.20	403.31	403.42	403.53	403.64	403.75	403.86	403.97	404.08	404.19	404.30	404.41	404.52	404.63	404.74	404.85	404.96	405.07	405.18	405.29	405.40	405.51	405.62	405.73	405.84	405.95	406.06	406.17	406.28	406.39	406.50	406.61	406.72	406.83	406.94	407.05	407.16	407.27	407.38	407.49	407.60	407.71	407.82	407.93	408.04	408.15	408.26	408.37	408.48	408.59	408.70	408.81	408.92	409.03	409.14	409.25	409.36	409.47	409.58	409.69	409.80	409.91	410.02	410.13	410.24	410.35	410.46	410.57	410.68	410.79	410.90	411.01	411.12	411.23	411.34	411.45	411.56	411.67	411.78	411.89	412.00	412.11	412.22	412.33	412.44	412.55	412.66	412.77	412.88	412.99	413.10	413.21	413.32	413.43	413.54	413.65	413.76	413.87	413.98	414.09	414.20	414.31	414.42	414.53	414.64	414.75	414.86	414.97	415.08	415.19	415.30	415.41	415.52	415.63	415.74	415.85	415.96	416.07	416.18	416.29	416.40	416.51	416.62	416.73	416.84	416.95	417.06	417.17	417.28	417.39	417.50	417.61	417.72	417.83	417.94	418.05	418.16	418.27	418.38	418.49	418.60	418.71	418.82	418.93	419.04	419.15	419.26	419.37	419.48	419.59	419.70	419.81	419.92	420.03	420.14	420.25	420.36	420.47	420.58	420.69	420.80	420.91	421.02	421.13	421.24	421.35	421.46	421.57	421.68	421.79	421.90	422.01	422.12	422.23	422.34	422.45	422.56	422.67	422.78	422.89	423.00	423.11	423.22	423.33	423.44	423.55	423.66	423.77	423.88	423.99	424.10	424.21	424.32	424.43	424.54	424.65	424.76	424.87	424.98	425.09	425.20	425.31	425.42	425.53	425.64	425.75	425.86	425.97	426.08	426.19	426.30	426.41	426.52	426.63	426.74	426.85	426.96	427.07	427.18	427.29	427.40	427.51	427.62	427.73	427.84	427.95	428.06	428.17	428.28	428.39	428.50	428.61	428.72	428.83	428.94	429.05	429.16	429.27	429.38	429.49	429.60	429.71	429.82	429.93	430.04	430.15	430.26	430.37	430.48	430.59	430.70	430.81	430.92	431.03	431.14	431.25	431.36	431.47	431.58	431.69	431.80	431.91	432.02	432.13	432.24	432.35	432.46	432.57	432.68	432.79	432.90	433.01	433.12	433.23	433.34	433.45	433.56	433.67	433.78	433.89	434.00	434.11	434.22	434.33	434.44	434.55	434.66	434.77	434.88	434.99	435.10	435.21	435.32	435.43	435.54	435.65	435.76	435.87	435.98	436.09	436.20	436.31	436.42	436.53	436.64	436.75	436.86	436.97	437.08	437.19	437.30	437.41	437.52	437.63	437.74	437.85	437.96	438.07	438.18	438.29	438.40	438.51	438.62	438.73	438.84	438.95	439.06	439.17	439.28	439.39	439.50	439.61	439.72	439.83	439.94	440.05	440.16	440.27	440.38	440.49	440.60	440.71	440.82	440.93	441.04	441.15	441.26	441.37	441.48	441.59	441.70	441.81	441.92	442.03	442.14	442.25	442.36	442.47	442.58	442.69	442.80	442.91	443.02	443.13	443.24	443.35	443.46	443.57	443.68	443.79	443.90	444.01	444.12	444.23	444.34	444.45	444.56	444.67	444.78	444.89	445.00	445.11	445.22	445.33	445.44	445.55	445.66	445.77	445.88	445.99	446.10	446.21	446.32	446.43	4