



# SUC ESTUDIO TÉCNICO PARA LA REPOTENCIACIÓN DE LA SUBESTACIÓN SHUSHUFINDI GD



Doc. No:	SE-SU-23-AN-01		Libreta de campo	SE SHUSHUFINDI
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N°	ESTE	NORTE	COTA	REF	EQUIPO
1	315387,670	9978978,970	274,290	A1 mojon	RTK
2	315378,960	9978988,570	245,350	a2	RTK
3	315379,210	9978977,870	245,430	a3	RTK
4	315382,340	9978980,260	274,240	10,000	RTK
5	315382,020	9978979,020	274,380	11,000	RTK
6	315387,530	9978978,410	274,180	12,000	RTK
7	315387,680	9978977,660	274,250	13,000	RTK
8	315385,190	9978981,010	274,200	14,000	RTK
9	315380,090	9978980,550	274,340	15,000	RTK
10	315383,100	9978989,420	274,260	16,000	RTK
11	315376,540	9978991,820	274,500	17,000	RTK
12	315375,520	9978992,540	274,280	18,000	RTK
13	315371,610	9978982,610	273,970	19,000	RTK
14	315395,350	9978974,500	274,130	20,000	RTK
15	315414,190	9978968,110	274,640	21,000	RTK
16	315416,170	9978974,070	274,440	22,000	RTK
17	315417,250	9978977,600	274,450	23,000	RTK
18	315419,180	9978983,490	274,300	24,000	RTK
19	315418,350	9978983,660	274,160	25,000	RTK
20	315416,450	9978966,630	274,430	26,000	RTK
21	315421,770	9978982,330	274,490	27,000	RTK
22	315420,620	9978982,600	274,430	28,000	RTK
23	315422,120	9978987,930	274,550	29,000	RTK
24	315424,390	9978994,190	274,490	30,000	RTK
25	315426,740	9979001,780	274,400	31,000	RTK
26	315435,300	9979024,930	274,500	32,000	RTK
27	315434,230	9979025,320	274,520	33,000	RTK
28	315433,480	9979019,770	274,340	34,000	RTK
29	315432,540	9979020,240	274,480	35,000	RTK
30	315430,590	9979015,600	274,350	36,000	RTK
31	315445,190	9979016,750	274,840	37,000	RTK
32	315444,330	9979016,970	274,710	38,000	RTK
33	315446,190	9979016,130	274,730	39,000	RTK
34	315446,270	9979016,120	274,520	40,000	RTK
35	315443,990	9979016,340	274,530	41,000	RTK
36	315439,110	9979000,220	274,670	42,000	RTK
37	315440,820	9978999,170	274,670	43,000	RTK
38	315434,940	9978987,670	274,470	44,000	RTK
39	315434,870	9978986,720	274,670	45,000	RTK
40	315435,350	9978986,800	274,830	46,000	RTK
41	315436,470	9978986,170	274,650	47,000	RTK
42	315436,770	9978985,860	274,500	48,000	RTK
43	315435,120	9978983,090	274,770	49,000	RTK
44	315429,280	9978962,090	274,490	50,000	RTK
45	315428,870	9978962,190	274,670	51,000	RTK
46	315427,430	9978962,740	274,690	52,000	RTK
47	315427,180	9978962,680	274,680	53,000	RTK
48	315439,050	9978955,740	274,230	54,000	RTK
49	315433,500	9978935,540	274,370	55,000	RTK
50	315445,580	9978974,360	275,100	56,000	RTK
51	315446,800	9978977,860	274,500	57,000	RTK
52	315446,920	9978980,850	274,260	58,000	RTK

N°	ESTE	NORTE		COTA	EQUIPO
53	315457,450	9979013,100	274,510	59,000	RTK
54	315462,130	9979025,950	274,580	60,000	RTK
55	315394,040	9978988,510	274,250	61-p1	RTK
56	315419,220	9979023,370	274,230	62-p2	RTK
57	315429,400	9979021,400	274,260	63,000	RTK
58	315416,750	9979025,480	274,160	64,000	RTK
59	315398,490	9978990,060	274,240	65,000	RTK
60	315398,890	9978991,520	274,140	66,000	RTK
61	315400,060	9978991,480	274,100	67,000	RTK
62	315400,030	9978989,610	274,180	68,000	RTK
63	315399,630	9978990,130	274,300	69,000	RTK
64	315398,920	9978988,450	274,190	70,000	RTK
65	315397,330	9978986,150	274,240	71,000	RTK
66	315396,750	9978984,220	274,290	72,000	RTK
67	315396,050	9978982,140	274,380	73,000	RTK
68	315394,510	9978977,780	274,110	74,000	RTK
69	315399,560	9978977,560	274,210	75,000	RTK
70	315401,440	9978979,850	274,330	76,000	RTK
71	315402,420	9978982,650	274,350	77,000	RTK
72	315403,290	9978986,690	274,220	78,000	RTK
73	315404,620	9978993,270	274,110	79,000	RTK
74	315407,830	9978991,810	274,190	80,000	RTK
75	315406,980	9978987,000	274,130	81,000	RTK
76	315405,790	9978982,740	274,290	82,000	RTK
77	315404,960	9978978,710	274,390	83,000	RTK
78	315405,000	9978977,130	274,430	84,000	RTK
79	315404,150	9978974,950	274,200	85,000	RTK
80	315406,070	9978974,170	274,170	86,000	RTK
81	315409,930	9978972,310	274,310	87,000	RTK
82	315410,240	9978974,070	274,330	88,000	RTK
83	315410,940	9978978,320	274,290	89,000	RTK
84	315412,750	9978984,750	274,110	90,000	RTK
85	315413,810	9978988,530	274,170	91,000	RTK
86	315417,460	9978988,430	274,100	92,000	RTK
87	315416,980	9978984,200	274,070	93,000	RTK
88	315415,940	9978980,220	274,240	94,000	RTK
89	315415,040	9978976,080	274,350	95,000	RTK
90	315414,240	9978973,920	274,400	96,000	RTK
91	315405,050	9978971,100	274,360	97,000	RTK
92	315417,310	9978984,940	274,120	98,000	RTK
93	315417,460	9978985,830	274,060	99,000	RTK
94	315419,090	9978985,750	274,040	100,000	RTK
95	315418,660	9978984,320	274,060	101,000	RTK
96	315419,950	9978987,750	274,130	102,000	RTK
97	315420,570	9978987,760	274,350	103,000	RTK
98	315420,130	9978988,170	274,050	104,000	RTK
99	315419,690	9978988,480	274,150	105,000	RTK
100	315420,210	9978989,230	274,050	106,000	RTK
101	315420,510	9978989,280	274,100	107,000	RTK
102	315421,130	9978988,980	274,330	108,000	RTK
103	315420,720	9978987,960	274,260	109,000	RTK
104	315421,380	9978991,870	274,250	110,000	RTK





# SUC ESTUDIO TÉCNICO PARA LA REPOTENCIACIÓN DE LA SUBESTACIÓN SHUSHUFINDI GD



Doc. No:	SE-SU-23-AN-01		Libreta de campo	SE SHUSHUFINDI
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N°	ESTE	NORTE	COTA	REF	EQUIPO
N°	ESTE	NORTE	COTA	REF	EQUIPO
105	315419,400	9978991,580	274,190	111,000	RTK
106	315419,250	9978993,260	274,260	112,000	RTK
107	315417,450	9978989,080	274,070	113,000	RTK
108	315406,100	9978993,120	274,110	114,000	RTK
109	315405,320	9979000,110	274,480	115,000	RTK
110	315406,360	9979003,340	274,490	116,000	RTK
111	315408,580	9979002,550	274,530	117,000	RTK
112	315407,560	9978999,440	274,480	118,000	RTK
113	315405,100	9979000,120	274,200	119,000	RTK
114	315404,400	9979000,190	274,190	120,000	RTK
115	315404,480	9979001,230	274,190	121,000	RTK
116	315405,080	9979001,040	274,200	122,000	RTK
117	315405,870	9979005,260	274,220	123,000	RTK
118	315406,100	9979006,000	274,200	124,000	RTK
119	315406,960	9979005,850	274,260	125,000	RTK
120	315406,720	9979005,060	274,230	126,000	RTK
121	315406,210	9979006,670	274,020	127,000	RTK
122	315406,560	9979007,470	274,250	128,000	RTK
123	315406,830	9979007,350	274,220	129,000	RTK
124	315407,090	9979006,320	274,360	130,000	RTK
125	315407,660	9979004,550	274,130	131,000	RTK
126	315408,120	9979005,440	274,140	132,000	RTK
127	315408,630	9979005,320	274,220	133,000	RTK
128	315408,760	9979004,390	274,370	134,000	RTK
129	315382,160	9979011,070	274,340	135,000	RTK
130	315378,080	9979000,430	274,320	136,000	RTK
131	315376,730	9978996,630	274,360	137,000	RTK
132	315383,310	9978994,980	274,240	138,000	RTK
133	315385,220	9978998,200	274,150	139,000	RTK
134	315386,850	9979003,510	274,130	140,000	RTK
135	315389,370	9979009,580	274,320	141,000	RTK
136	315385,910	9979010,300	274,280	142,000	RTK
137	315384,630	9979007,790	274,330	143,000	RTK
138	315383,200	9979004,450	274,380	144,000	RTK
139	315385,000	9979015,740	274,390	145,000	RTK
140	315388,420	9979013,370	274,290	146,000	RTK
141	315392,720	9979012,960	274,280	147,000	RTK
142	315393,550	9979015,900	274,390	148,000	RTK
143	315392,040	9979033,610	273,970	149,000	RTK
144	315391,960	9979033,850	274,200	150,000	RTK
145	315390,080	9979034,140	274,060	151,000	RTK
146	315390,980	9979034,110	274,270	152,000	RTK
147	315392,640	9979033,680	274,320	153,000	RTK
148	315394,320	9979006,520	274,150	154,000	RTK
149	315398,190	9979005,700	274,020	155,000	RTK
150	315402,530	9979004,520	274,030	156,000	RTK
151	315401,710	9979001,170	274,080	157,000	RTK
152	315398,710	9979000,570	274,090	158,000	RTK
153	315394,690	9979002,280	274,090	159,000	RTK
154	315391,220	9979003,080	274,090	160,000	RTK
155	315389,540	9978996,880	274,110	161,000	RTK
156	315393,330	9978995,690	274,110	162,000	RTK

N°	ESTE	NORTE		COTA	EQUIPO
N°	ESTE	NORTE		COTA	EQUIPO
157	315397,220	9978994,500	274,010	163,000	RTK
158	315397,290	9978990,770	274,100	164,000	RTK
159	315396,610	9978990,060	274,180	165,000	RTK
160	315391,710	9978992,250	274,090	166,000	RTK
161	315395,230	9978985,250	274,190	167,000	RTK
162	315393,520	9978982,020	274,200	168,000	RTK
163	315387,970	9978982,160	274,260	169,000	RTK
164	315385,110	9978983,330	274,250	170,000	RTK
165	315385,790	9978988,010	274,290	171,000	RTK
166	315389,270	9978988,230	274,200	172,000	RTK
167	315396,050	9978992,070	274,060	173,000	RTK
168	315395,350	9978992,400	274,090	174,000	RTK
169	315395,140	9978993,110	274,050	175,000	RTK
170	315396,200	9978993,590	274,030	176,000	RTK
171	315396,700	9978992,960	274,030	177,000	RTK
172	315396,580	9978992,360	274,060	178,000	RTK
173	315382,850	9978989,480	274,390	180a2	RTK
174	315379,830	9978980,990	274,480	181a3	RTK
175	315419,140	9979023,240	274,270	1,000	ESTACION
176	315419,140	9979023,240	274,270	2,000	ESTACION
177	315398,230	9979013,310	289,090	3,000	ESTACION
178	315406,630	9979010,410	290,070	4,000	ESTACION
179	315401,150	9979021,670	290,600	5,000	ESTACION
180	315409,490	9979018,760	290,580	6,000	ESTACION
181	315398,500	9979012,770	274,470	7,000	ESTACION
182	315398,520	9979012,760	280,520	8,000	ESTACION
183	315398,520	9979012,760	281,830	9,000	ESTACION
184	315398,520	9979012,760	283,820	10,000	ESTACION
185	315398,520	9979012,760	284,140	11,000	ESTACION
186	315398,520	9979012,760	286,190	12,000	ESTACION
187	315398,520	9979012,760	285,880	13,000	ESTACION
188	315397,290	9979010,650	274,600	14,000	ESTACION
189	315406,040	9979010,150	274,490	15,000	ESTACION
190	315406,900	9979009,850	274,480	16,000	ESTACION
191	315407,170	9979010,690	274,580	17,000	ESTACION
192	315405,860	9979010,060	274,440	18,000	ESTACION
193	315406,980	9979009,660	274,420	19,000	ESTACION
194	315405,070	9979009,450	274,340	20,000	ESTACION
195	315404,840	9979008,750	274,390	21,000	ESTACION
196	315405,580	9979008,480	274,370	22,000	ESTACION
197	315404,350	9979010,780	274,450	23,000	ESTACION
198	315403,680	9979011,020	274,450	24,000	ESTACION
199	315403,170	9979009,640	274,470	25,000	ESTACION
200	315400,330	9979010,210	274,480	26,000	ESTACION
201	315400,220	9979012,240	274,450	27,000	ESTACION
202	315404,270	9979011,060	274,480	28,000	ESTACION
203	315403,850	9979011,200	274,470	29,000	ESTACION
204	315403,830	9979011,170	277,070	30,000	ESTACION
205	315404,280	9979012,440	274,580	31,000	ESTACION
206	315404,400	9979012,800	274,570	32,000	ESTACION
207	315402,150	9979011,790	274,480	33,000	ESTACION
208	315402,720	9979012,020	274,500	34,000	ESTACION





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Doc. No: SE-SU-23-AN-01

Libreta de campo

SE SHUSHUFINDI

N°	ESTE	NORTE	COTA	REF	EQUIPO
N°	ESTE	NORTE	COTA	REF	EQUIPO
209	315398,590	9979012,590	274,420	35,000	ESTACION
210	315397,470	9979012,970	274,410	36,000	ESTACION
211	315395,070	9979011,330	274,350	37,000	ESTACION
212	315409,560	9979006,460	274,300	38,000	ESTACION
213	315397,430	9979016,820	274,380	39,000	ESTACION
214	315398,760	9979016,400	274,460	40,000	ESTACION
215	315400,190	9979015,270	274,450	41,000	ESTACION
216	315399,450	9979015,540	274,450	42,000	ESTACION
217	315400,560	9979016,430	274,440	43,000	ESTACION
218	315400,750	9979016,840	274,410	44,000	ESTACION
219	315399,930	9979015,530	276,920	45,000	ESTACION
220	315410,120	9979007,740	274,080	46,000	ESTACION
221	315412,380	9979006,930	274,110	47,000	ESTACION
222	315410,240	9979009,630	274,160	48,000	ESTACION
223	315409,110	9979009,980	274,210	49,000	ESTACION
224	315409,500	9979011,150	274,180	50,000	ESTACION
225	315410,600	9979010,760	274,090	51,000	ESTACION
226	315410,630	9979011,360	274,090	52,000	ESTACION
227	315409,880	9979011,630	274,190	53,000	ESTACION
228	315410,170	9979012,440	274,160	54,000	ESTACION
229	315410,910	9979012,210	274,060	55,000	ESTACION
230	315411,240	9979013,090	274,060	56,000	ESTACION
231	315410,420	9979013,380	274,120	57,000	ESTACION
232	315410,680	9979014,150	274,090	58,000	ESTACION
233	315411,460	9979013,900	274,090	59,000	ESTACION
234	315411,800	9979014,810	274,060	60,000	ESTACION
235	315410,980	9979015,100	274,060	61,000	ESTACION
236	315411,260	9979015,870	274,130	62,000	ESTACION
237	315411,250	9979015,860	274,130	63,000	ESTACION
238	315412,040	9979015,620	274,070	64,000	ESTACION
239	315412,360	9979016,100	274,070	65,000	ESTACION
240	315411,280	9979016,520	274,190	66,000	ESTACION
241	315411,680	9979017,640	274,200	67,000	ESTACION
242	315412,770	9979017,290	274,200	68,000	ESTACION
243	315413,250	9979018,720	274,230	69,000	ESTACION
244	315412,150	9979015,350	274,060	70,000	ESTACION
245	315411,870	9979014,490	274,060	71,000	ESTACION
246	315411,710	9979013,960	274,070	72,000	ESTACION
247	315410,420	9979010,140	274,080	73,000	ESTACION
248	315413,450	9979008,940	274,110	74,000	ESTACION
249	315413,860	9979008,890	274,260	75,000	ESTACION
250	315414,080	9979009,460	274,260	76,000	ESTACION
251	315414,770	9979009,340	274,260	77,000	ESTACION
252	315411,180	9979010,550	274,210	78,000	ESTACION
253	315412,550	9979014,660	274,120	79,000	ESTACION
254	315414,350	9979014,060	274,120	80,000	ESTACION
255	315414,510	9979014,520	274,050	81,000	ESTACION
256	315412,640	9979015,270	274,120	82,000	ESTACION
257	315413,820	9979018,620	274,210	83,000	ESTACION
258	315409,990	9979014,610	274,140	84,000	ESTACION
259	315408,780	9979011,160	274,250	85,000	ESTACION
260	315406,550	9979012,000	274,350	86,000	ESTACION

N°	ESTE	NORTE		COTA	EQUIPO
N°	ESTE	NORTE		COTA	EQUIPO
261	315406,180	9979011,010	274,340	87,000	ESTACION
262	315404,720	9979011,490	274,390	88,000	ESTACION
263	315400,400	9979013,130	274,150	89,000	ESTACION
264	315400,550	9979013,550	274,220	90,000	ESTACION
265	315404,880	9979012,030	274,390	91,000	ESTACION
266	315404,910	9979012,260	274,400	92,000	ESTACION
267	315405,670	9979011,990	274,360	93,000	ESTACION
268	315406,080	9979012,940	274,370	94,000	ESTACION
269	315408,330	9979012,120	274,160	95,000	ESTACION
270	315409,390	9979014,760	274,100	96,000	ESTACION
271	315409,670	9979015,140	274,140	97,000	ESTACION
272	315410,990	9979017,680	274,200	98,000	ESTACION
273	315409,940	9979018,060	274,210	99,000	ESTACION
274	315410,320	9979019,180	274,210	100,000	ESTACION
275	315409,160	9979019,600	274,240	101,000	ESTACION
276	315408,750	9979018,460	274,240	102,000	ESTACION
277	315409,000	9979017,500	274,200	103,000	ESTACION
278	315400,910	9979014,310	274,260	104,000	ESTACION
279	315405,140	9979012,870	274,220	105,000	ESTACION
280	315399,020	9979013,740	274,470	106,000	ESTACION
281	315398,820	9979013,520	274,530	107,000	ESTACION
282	315398,710	9979013,180	274,540	108,000	ESTACION
283	315398,590	9979012,850	274,540	109,000	ESTACION
284	315398,720	9979013,710	274,600	110,000	ESTACION
285	315398,390	9979013,830	274,600	111,000	ESTACION
286	315398,070	9979013,950	274,620	112,000	ESTACION
287	315397,860	9979013,860	274,570	113,000	ESTACION
288	315397,630	9979013,190	274,540	114,000	ESTACION
289	315397,730	9979012,980	274,550	115,000	ESTACION
290	315398,390	9979012,750	274,540	116,000	ESTACION
291	315400,810	9979012,200	274,580	117,000	ESTACION
292	315400,490	9979012,310	274,580	118,000	ESTACION
293	315400,420	9979012,450	274,570	119,000	ESTACION
294	315400,530	9979012,780	274,600	120,000	ESTACION
295	315400,910	9979013,530	274,650	121,000	ESTACION
296	315401,390	9979013,490	274,610	122,000	ESTACION
297	315401,500	9979013,820	274,590	123,000	ESTACION
298	315402,190	9979011,740	274,600	124,000	ESTACION
299	315402,120	9979011,860	274,580	125,000	ESTACION
300	315402,230	9979012,190	274,590	126,000	ESTACION
301	315402,930	9979012,840	274,590	127,000	ESTACION
302	315402,540	9979013,090	274,590	128,000	ESTACION
303	315402,660	9979013,410	274,570	129,000	ESTACION
304	315402,160	9979011,790	274,560	130,000	ESTACION
305	315402,580	9979011,650	274,510	131,000	ESTACION
306	315403,880	9979011,140	274,580	132,000	ESTACION
307	315404,200	9979011,020	274,570	133,000	ESTACION
308	315403,810	9979011,270	274,570	134,000	ESTACION
309	315403,920	9979011,600	274,570	135,000	ESTACION
310	315404,300	9979012,360	274,560	136,000	ESTACION
311	315404,640	9979012,240	274,640	137,000	ESTACION
312	315404,240	9979012,500	274,580	138,000	ESTACION





# SUC ESTUDIO TÉCNICO PARA LA REPOTENCIACIÓN DE LA SUBESTACIÓN SHUSHUFINDI GD



Doc. No: SE-SU-23-AN-01



Libreta de campo

SE SHUSHUFINDI

N°	ESTE	NORTE	COTA	REF	EQUIPO
N°	ESTE	NORTE	COTA	REF	EQUIPO
313	315404,350	9979012,820	274,570	139,000	ESTACION
314	315403,850	9979011,190	274,560	140,000	ESTACION
315	315404,270	9979011,060	274,550	141,000	ESTACION
316	315402,860	9979010,260	274,570	142,000	ESTACION
317	315402,480	9979010,390	274,570	143,000	ESTACION
318	315402,610	9979010,770	274,590	144,000	ESTACION
319	315402,990	9979010,630	274,590	145,000	ESTACION
320	315401,440	9979010,750	274,580	146,000	ESTACION
321	315401,070	9979010,870	274,570	147,000	ESTACION
322	315401,200	9979011,250	274,580	148,000	ESTACION
323	315401,570	9979011,120	274,580	149,000	ESTACION
324	315404,830	9979008,730	274,400	150,000	ESTACION
325	315405,080	9979009,470	274,390	151,000	ESTACION
326	315405,830	9979009,240	274,410	152,000	ESTACION
327	315405,580	9979008,490	274,450	153,000	ESTACION
328	315406,780	9979009,820	274,520	154,000	ESTACION
329	315406,460	9979009,960	274,520	155,000	ESTACION
330	315406,130	9979010,070	274,530	156,000	ESTACION
331	315406,980	9979009,920	274,520	157,000	ESTACION
332	315407,210	9979010,590	274,570	158,000	ESTACION
333	315406,020	9979010,260	274,520	159,000	ESTACION
334	315406,140	9979010,590	274,520	160,000	ESTACION
335	315406,460	9979011,020	274,580	161,000	ESTACION
336	315406,790	9979010,910	274,580	162,000	ESTACION
337	315407,100	9979010,780	274,580	163,000	ESTACION
338	315400,110	9979015,440	274,570	164,000	ESTACION
339	315399,630	9979015,600	274,550	165,000	ESTACION
340	315399,860	9979016,400	274,620	166,000	ESTACION
341	315400,280	9979015,930	274,610	167,000	ESTACION
342	315399,730	9979015,650	274,620	168,000	ESTACION
343	315398,060	9979017,120	274,630	169,000	ESTACION
344	315398,190	9979017,500	274,630	170,000	ESTACION
345	315398,930	9979018,420	274,620	171,000	ESTACION
346	315403,050	9979023,960	274,450	172,000	ESTACION
347	315408,310	9979034,450	274,110	173,000	ESTACION
348	315405,050	9979024,000	274,480	174,000	ESTACION
349	315404,560	9979028,370	274,500	175,000	ESTACION
350	315406,040	9979027,860	274,460	176,000	ESTACION
351	315405,850	9979027,300	274,470	177,000	ESTACION
352	315408,560	9979036,280	274,180	178,000	ESTACION
353	315404,990	9979027,590	274,490	179,000	ESTACION
354	315400,020	9979015,470	276,920	180,000	ESTACION
355	315396,400	9979016,640	276,930	181,000	ESTACION
356	315395,800	9979016,720	274,500	182,000	ESTACION
357	315393,480	9979010,910	274,160	183,000	ESTACION
358	315394,360	9979010,620	274,180	184,000	ESTACION
359	315394,640	9979011,490	274,230	185,000	ESTACION
360	315393,820	9979011,800	274,240	186,000	ESTACION
361	315393,600	9979012,890	274,230	187,000	ESTACION
362	315394,360	9979012,660	274,240	188,000	ESTACION
363	315394,630	9979013,420	274,290	189,000	ESTACION
364	315393,850	9979013,670	274,370	190,000	ESTACION

N°	ESTE	NORTE		COTA	EQUIPO
N°	ESTE	NORTE		COTA	EQUIPO
365	315408,790	9978997,790	276,440	243,000	ESTACION
366	315394,040	9978988,500	274,250	244,000	ESTACION
367	315424,710	9979002,530	274,070	245,000	ESTACION
368	315425,480	9979002,300	274,200	246,000	ESTACION
369	315425,720	9979003,040	274,200	247,000	ESTACION
370	315424,040	9979002,350	274,150	248,000	ESTACION
371	315424,230	9979002,980	274,130	249,000	ESTACION
372	315423,600	9979003,180	274,150	250,000	ESTACION
373	315424,640	9979002,100	274,070	251,000	ESTACION
374	315424,240	9979000,800	274,080	252,000	ESTACION
375	315420,230	9979003,600	274,090	253,000	ESTACION
376	315418,500	9979004,950	274,030	254,000	ESTACION
377	315417,850	9979005,130	274,040	255,000	ESTACION
378	315417,640	9979004,470	274,070	256,000	ESTACION
379	315418,300	9979004,260	274,020	257,000	ESTACION
380	315417,840	9979005,220	274,030	258,000	ESTACION
381	315421,490	9979016,060	274,070	259,000	ESTACION
382	315414,050	9979018,670	274,220	260,000	ESTACION
383	315421,510	9979016,130	274,050	261,000	ESTACION
384	315421,680	9979016,780	274,060	262,000	ESTACION
385	315422,440	9979016,560	274,040	263,000	ESTACION
386	315422,240	9979015,900	274,030	264,000	ESTACION
387	315420,360	9979012,660	273,980	265,000	ESTACION
388	315420,110	9979011,880	273,970	266,000	ESTACION
389	315420,810	9979011,660	273,970	267,000	ESTACION
390	315423,420	9979001,640	274,250	268,000	ESTACION
391	315421,710	9979002,080	274,110	269,000	ESTACION
392	315413,290	9979020,700	274,220	270,000	ESTACION
393	315409,370	9979019,420	274,520	271,000	ESTACION
394	315409,710	9979019,310	274,530	272,000	ESTACION
395	315410,030	9979019,190	274,560	273,000	ESTACION
396	315410,130	9979018,980	274,560	274,000	ESTACION
397	315410,020	9979018,650	274,530	275,000	ESTACION
398	315409,890	9979018,310	274,510	276,000	ESTACION
399	315410,300	9979019,190	274,390	277,000	ESTACION
400	315409,170	9979019,580	274,470	278,000	ESTACION
401	315409,900	9979018,060	274,460	279,000	ESTACION
402	315410,010	9979017,210	274,300	280,000	ESTACION
403	315409,020	9979015,260	274,350	281,000	ESTACION
404	315408,730	9979015,350	274,350	282,000	ESTACION
405	315408,970	9979015,060	274,350	283,000	ESTACION
406	315408,600	9979015,490	274,240	284,000	ESTACION
407	315409,190	9979015,300	274,280	285,000	ESTACION
408	315409,060	9979014,920	274,250	286,000	ESTACION
409	315408,650	9979013,680	274,270	287,000	ESTACION
410	315408,540	9979013,290	274,270	288,000	ESTACION
411	315408,090	9979013,870	274,250	289,000	ESTACION
412	315408,190	9979013,740	274,340	290,000	ESTACION
413	315413,960	9979018,570	275,070	291,000	ESTACION
414	315408,420	9979013,430	274,340	292,000	ESTACION
415	315409,230	9979015,790	276,630	293,000	ESTACION
416	315405,510	9979018,800	274,460	294,000	ESTACION



	<p align="center"><b>SUC ESTUDIO TÉCNICO PARA LA REPOTENCIACIÓN DE LA SUBESTACIÓN SHUSHUFINDI GD</b></p>			
<b>Doc. No:</b> SE-SU-23-AN-01		<b>Libreta de campo</b>	<b>SE SHUSHUFINDI</b>	

N°	ESTE	NORTE	COTA	REF	EQUIPO
N°	ESTE	NORTE	COTA	REF	EQUIPO
417	315405,060	9979018,970	274,460	295,000	ESTACION
418	315404,880	9979018,500	274,530	296,000	ESTACION
419	315404,900	9979018,510	274,520	297,000	ESTACION
420	315405,350	9979018,340	274,460	298,000	ESTACION
421	315405,290	9979018,460	274,560	299,000	ESTACION
422	315405,380	9979018,740	274,580	300,000	ESTACION
423	315405,110	9979018,840	274,560	301,000	ESTACION
424	315405,000	9979018,560	274,560	302,000	ESTACION
425	315404,780	9979019,080	274,450	303,000	ESTACION
426	315404,600	9979018,610	274,460	304,000	ESTACION
427	315404,420	9979018,850	274,450	305,000	ESTACION
428	315404,300	9979019,230	274,480	306,000	ESTACION
429	315404,630	9979019,010	274,560	307,000	ESTACION
430	315404,540	9979018,720	274,560	308,000	ESTACION
431	315404,250	9979018,830	274,560	309,000	ESTACION
432	315404,340	9979019,120	274,560	310,000	ESTACION
433	315405,610	9979019,920	274,670	311,000	ESTACION
434	315406,070	9979020,460	274,460	312,000	ESTACION
435	315405,610	9979020,630	274,460	313,000	ESTACION
436	315405,450	9979020,160	274,550	314,000	ESTACION
437	315405,160	9979020,270	274,460	315,000	ESTACION
438	315405,310	9979020,730	274,460	316,000	ESTACION
439	315404,860	9979020,890	274,470	317,000	ESTACION
440	315404,690	9979020,420	274,460	318,000	ESTACION
441	315401,910	9979022,110	274,480	319,000	ESTACION
442	315401,500	9979021,000	274,470	320,000	ESTACION
443	315400,610	9979020,980	274,430	321,000	ESTACION
444	315401,110	9979020,370	274,410	322,000	ESTACION
445	315400,830	9979019,520	274,460	323,000	ESTACION
446	315401,550	9979019,240	274,460	324,000	ESTACION
447	315401,340	9979018,510	274,430	325,000	ESTACION
448	315399,380	9979018,220	274,410	326,000	ESTACION
449	315401,200	9979018,960	274,750	327,000	ESTACION
450	315401,390	9979019,170	274,550	328,000	ESTACION
451	315400,900	9979019,350	274,550	329,000	ESTACION
452	315401,360	9979019,160	276,910	330,000	ESTACION
453	315400,250	9979017,860	274,460	331,000	ESTACION
454	315401,000	9979017,600	274,450	332,000	ESTACION
455	315400,750	9979016,850	274,430	333,000	ESTACION
456	315406,520	9979021,220	274,600	334,000	ESTACION
457	315406,760	9979021,940	274,530	335,000	ESTACION
458	315405,990	9979022,180	274,450	336,000	ESTACION
459	315405,750	9979021,450	274,460	337,000	ESTACION
460	315406,800	9979022,060	274,470	338,000	ESTACION
461	315412,660	9979020,100	274,420	339,000	ESTACION
462	315413,250	9979018,710	274,550	340,000	ESTACION
463	315413,260	9979020,680	274,530	341,000	ESTACION
464	315410,080	9979021,750	274,470	342,000	ESTACION
465	315411,720	9979026,700	274,470	343,000	ESTACION
466	315404,770	9979029,040	274,460	344,000	ESTACION
467	315404,560	9979028,410	274,460	345,000	ESTACION
468	315401,800	9979030,690	274,470	346,000	ESTACION

[illegible]