GPS datas of collected rock samples :

1 - Samples from possible Impact Structures on Canary Islands-2 (Fuerteventura & Lanzarote)

assumed impact structures : ≥ 4 Impact Craters
Fuerteventura : crater_1 Ø : ~ 13,5x10 km (Ajuy Crater)
crater_2 Ø : ~ 6x4,5 km (Tindaja Crater)
Lanzarote : crater_3 Ø : ~ 12x9 km (Tinajo Crater)
Fuertev. & Lanz. : crater_4 Ø : ~ 7x5 km (Papagayo Crater)

Sample No.	Photo of place of origin (X = yes)	coordinates of sample origin						Height in m	precision of position	collection date	Possible shock deformation features						comments
		Latitude			Longitude						Breccia	Breccia with Mineral Glass	Ejecta-like appearance	Mineral Glass	Spherules	Shatter Cone Structures	
		deg.	minutes		deg.	minutes											
1-A	X	28°	6,264	N	14°	28,945	W	73	20 m	19.12.2017							**Fuerteventura : Sample No's 1 - 59**
1-B	X	28°	6,276	N	14°	28,998	W	65	10 m	19.12.2017							
2	X	28°	6,131	N	14°	28,892	W	64	16 m	27.04.2018	x						
3	X	28°	6,102	N	14°	28,866	W	77	5 m								
4	X	28°	6,049	N	14°	28,754	W	81	4 m		x						
5	X	28°	5,995	N	14°	28,695	W	104	8 m		x						
6	X	28°	6,013	N	14°	28,685	W	90	9 m		x						
7	X	28°	6,092	N	14°	28,506	W	115	8 m			x					
8	X	28°	6,222	N	14°	28,314	W	47	6 m								
9-A	X	28°	6,274	N	14°	28,255	W	5	20 m			x	x				
9-B	X	28°	6,236	N	14°	28,231	W	5	10 m			x	x				
10-A	X	28°	6,643	N	14°	29,410	W	4	8 m	27.04.2018		x					
10-B	X	28°	6,645	N	14°	29,397	W	2	20 m	19.12.2017		x					
11	X	28°	6,901	N	14°	15,599	W	16	10 m	29.04.2018							
12	X	28°	12,742	N	14°	1,202	W	3	5 m								
13	X	28°	19,879	N	13°	55,360	W	67	15 m								
14	X	28°	30,103	N	13°	50,774	W	5	8 m								
15	X	28°	25,474	N	14°	3,416	W	393	15 m			x		x			
16	X	28°	24,535	N	14°	3,682	W	355	12 m			x		x			
17	X	28°	23,617	N	14°	4,617	W	289	10 m			x		x			
18	X	28°	23,572	N	14°	4,941	W	290	14 m			x		x			
19	X	28°	23,385	N	14°	5,222	W	308	8 m			x		x			
20	X	28°	22,637	N	14°	6,024	W	-	30 m			x					
21-A	X	28°	32,683	N	14°	3,598	W	15	10 m		x	x		x			Dyke Bre ccia (**Impact Breccia with large inclusions ?**)
21-B	X	28°	32,773	N	14°	3,805	W	5	25 m			x					
22	X	28°	22,056	N	14°	4,936	W	320	20 m								
23	X	28°	23,937	N	14°	8,177	W	177	15 m		x						fragments of **old oceanic crust** (Mesozoic age), sqm-size
24	X	28°	24,013	N	14°	8,210	W	134	8 m		x	x					
25	X	28°	21,162	N	14°	8,724	W	95	8 m	17.12.2018	x	x					
26-A	X	28°	23,603	N	14°	9,002	W	49	10 m	30.04.2018	x						
26-B	X	28°	23,501	N	14°	9,251	W	83	8 m								
26-C	X	28°	23,498	N	14°	8,935	W	62	10 m								
27	X	28°	9,213	N	14°	18,092	W	60	30 m		x		x			x	
28	X	28°	8,464	N	14°	17,305	W	150	10 m								
29	X	28°	7,006	N	14°	18,423	W	216	12 m		x						
30-A	X	28°	7,458	N	14°	19,934	W	381	8 m								
30-B	X	28°	7,539	N	14°	19,871	W	362	12 m		x	x					
32	X	28°	15,145	N	14°	11,908	W	76	20 m	02.05.2018	x	x	x				
33	X	28°	2,942	N	14°	21,217	W	3	20 m	19.12.2017	x						
34	X	28°	5,694	N	14°	25,939	W	255	20 m	20.12.2017							
35-A	X	28°	7,653	N	14°	21,403	W	18	10 m		x	x	x	x			impact effected rock may be present
35-B	X	28°	~7,653	N	14°	~21,403	W	~5	40 m		x	x	x	x			impact effected rock may be present
36	X	28°	4,184	N	14°	30,479	W	6	5 m		x	x					
37-A	X	28°	12,864	N	14°	13,390	W	40	5 m		x	x					
37-B	X	28°	12,909	N	14°	13,355	W	20	10 m		x						
38	X	28°	23,136	N	14°	7,816	W	95	10 m		x	x					migmatite (Zebra Rock), Dyke Breccia
39	X	28°	23,627	N	14°	7,660	W	92	40 m		x	x	x				
40	X	28°	24,126	N	14°	8,279	W	73	25 m		x	x					
41	X	28°	24,371	N	14°	8,865	W	65	5 m								large section of **old oceanic crust** (Mesozoic age) **>100 sqm**, vertical inclination
42	X	28°	24,528	N	14°	9,109	W	62	10 m		x						
43	X	28°	24,767	N	14°	9,032	W	32	8 m		x						
44	X	28°	24,842	N	14°	9,143	W	25	6 m								
45-A	X	28°	24,766	N	14°	9,384	W	4	10 m	21.12.2017	x	x	x				fragments of **old oceanic crust** (Mesozoic age), sqm-size
45-B	X	28°	24,702	N	14°	9,375	W	10	20 m	30.04.2018	x	x	x				fragments of **old oceanic crust** (Mesozoic age), sqm-size
45-C	X	28°	24,707	N	14°	9,360	W	10	15 m	01.11.2018	x	x	x				fragments of **old oceanic crust** (Mesozoic age), sqm-size
45-D	X	28°	24,714	N	14°	9,337	W	15	12 m	01.11.2018	x	x	x				fragments of **old oceanic crust** (Mesozoic age), sqm-size
46	X	28°	9,977	N	14°	13,099	W	2	6 m	22.12.2017	x						
47	X	28°	21,176	N	14°	8,386	W	163	10 m	22.12.2017	x	x					
48-A	X	28°	24,060	N	14°	9,331	W	2	40 m	22.12.2017	x	x		x			
48-B	X	28°	23,989	N	14°	9,304	W	10	15 m	01.11.2018	x	x		x			
48-C	X	28°	24,090	N	14°	9,333	W	10	12 m	01.11.2018	x						fragments of **old oceanic crust** (Mesozoic age), sqm-size
49-A	X	28°	22,809	N	14°	5,539	W	438	20 m	30.04.2018	x	x					
49-B	X	28°	22,920	N	14°	5,725	W	433	6 m	22.12.2017	x	x					
50	X	28°	24,769	N	14°	3,265	W	434	5 m			x					
51	X	28°	26,150	N	14°	3,960	W	550	5 m		x	x					
52	X	28°	42,984	N	14°	0,867	W	3	5 m		x	x					
53	X	28°	41,663	N	14°	0,880	W	5	5 m		x						
54	X	28°	44,089	N	13°	51,833	W	3	10 m								
55	X	28°	24,105	N	13°	51,068	W	8	10 m			x					
56-A	X	28°	14,668	N	14°	4,298	W	76	10 m	24.12.2017	x	x					
56-B	X	28°	14,664	N	14°	4,301	W	73	8 m	26.04.2018	x	x					
56-C	X	28°	14,710	N	14°	4,307	W	75	15 m	26.04.2018	x	x					
57	X	28°	9,930	N	14°	13,165	W	5	10 m	24.12.2017		x					
58-A	X	28°	6,187	N	14°	25,690	W	8	10 m	03.11.2018	x	x		x			
58-B	X	28°	6,177	N	14°	25,771	W	8	10 m		x	x					
58-C	X	28°	6,185	N	14°	25,850	W	5	40 m		x	x		x			
58-D	X	28°	6,178	N	14°	25,935	W	5	15 m	03.11.2018	x	x		x			
59	X	28°	21,801	N	14°	10,209	W	5	8 m	17.12.2018	x	x					
60	X	28°	51,162	N	13°	47,449	W	3	15 m	23.12.2017	x	x					**Lanzarote : Sample No's 60 - 68**
61	X	28°	51,342	N	13°	47,600	W	2	10 m		x	x	x	x			
62	X	28°	54,801	N	13°	46,715	W	361	5 m		x	x		x			
63	X	28°	54,750	N	13°	46,651	W	400	10 m								
64	X	28°	54,803	N	13°	47,396	W	259	20 m								
65	X	29°	6,956	N	13°	31,301	W	600	10 m		x	x	x				
66	X	29°	5,808	N	13°	33,280	W	84	15 m		x	x					
67	X	29°	7,151	N	13°	32,147	W	~50	20 m		x	x	x				
68	X	29°	7,399	N	13°	39,034	W	5	15 m	23.12.2017	x	x	x				