

GPS datas of collected rock samples :

3-c - Impact Structures near Cape York - 2nd trip (Cape York Impact Crater)

Sample No.	Photo of place of origin (X = yes)	coordinates of sample origin						precision of position	Height	collection date	Possible shock deform. features						comments		
		Latitude			Longitude						Breccia	Breccia with Mineral Glass	appearance Mineral Glass	Mineral Glass	Spherules	Shatter-cone structures			
		deg.	minutes		deg.	minutes													
41	X	16°	4,527	S	145°	28,264	E	15 m	7 m	24.07.2017									
42	X	15°	48,627	S	145°	19,304	E	10 m	103 m	↓	X	X							
43	X	14°	59,004	S	145°	6,397	E	15 m	37 m		X								
44	X	14°	56,070	S	145°	7,030	E	10 m	30 m		X								
45	X	14°	53,886	S	145°	5,674	E	12 m	25 m		X	X							
46	X	14°	48,875	S	144°	57,644	E	20 m	21 m		X								Round Hill
47	X	15°	21,332	S	145°	1,657	E	35 m	104 m		X	X							
48-A	X	15°	27,618	S	145°	15,255	E	25 m	149 m										
48-B	X	15°	27,700	S	145°	15,227	E	10 m	62 m		X	X							
49-A	X	15°	38,979	S	145°	13,164	E	20 m	138 m		X	X	X	X					big ejecta boulders
49-B	X	15°	38,982	S	145°	13,168	E	25 m	125 m		X	X	X						big ejecta boulders
49-C	X	15°	38,980	S	145°	13,222	E	12 m	105 m		X	X	X						big ejecta boulders
50	X	15°	44,427	S	145°	14,033	E	10 m	175 m		X	X	X						big ejecta boulders
51	X	15°	44,838	S	145°	15,978	E	12 m	171 m		X	X							fractured bed rock (river)
52	X	15°	44,908	S	145°	17,153	E	40 m	172 m		X	X							
53	X	16°	4,940	S	145°	26,720	E	50 m	~150 m										
54	X	16°	44,301	S	145°	40,236	E	7 m	2 m						X				nearly vertical inclined rock layers running along the coast
55	X	17°	6,951	S	145°	45,794	E	30 m	53 m		X	X			X				
56	X	17°	8,115	S	145°	50,011	E	12 m	27 m		X	X	X						big ejecta boulders
57	X	17°	11,103	S	145°	52,931	E	10 m	32 m		X	X	X						big ejecta boulders
58	X	17°	21,764	S	145°	52,920	E	8 m	24 m		X	X	X						big ejecta boulders
59	X	17°	22,888	S	145°	58,928	E	10 m	22 m										
60-A	X	17°	21,585	S	146°	1,982	E	6 m	5 m										
60-B	X	17°	21,640	S	146°	1,975	E	12 m	5 m									base rock was partly melted	
61-A	X	16°	54,453	S	145°	48,614	E	8 m	1 m			X						Yarrabah Rd	
61-B	X	16°	54,173	S	145°	48,711	E	30 m	1 m			X	X	X				~ 1 - 2 km further east ; No samples taken from this site !	
62	X	16°	57,929	S	145°	40,382	E	50 m	~175 m									large-scale Shutter-Cone-like Structures Crystal Cascades (Cairns), Redlynch Intake Rd (upper end)	
63	X	28°	5,400	S	153°	27,458	E	20 m	6 m			X						Burleigh Beach (Gold Coast) - ejecta boulders	
64	X	28°	5,512	S	153°	27,484	E	20 m	~75 m			X						Burleigh Heads National Park (Boulder Hill)	
65	X	28°	9,858	S	153°	33,085	E	25 m	5 m			X						Snapper Rock - Coolangatta	
66	X	28°	38,388	S	153°	33,047	E	20 m	40 m			X		X				Byron Bay (near Hwy Exit)	
67	X	28°	38,254	S	153°	38,240	E	40 m	~50 m									Byron Bay - Light-House Rock	