

Additional file 6

reference type	14ves_pu	25gr_pu	25bl_sco	sco	l_gr_lava	gry_lava	bl_lava	partly_alt_lava	alt	pl	px
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a) count

14ves_pu	20	13	3	0	0	0	0	2	1	0	4
25gr_pu	18	17	0	0	5	1	0	4	3	3	3
25bl_sco	0	0	1	2	1	5	1	4	2	0	1
sco	0	0	30	14	0	0	9	1	1	0	1
l_gr_lava	0	1	3	0	14	3	0	7	0	0	2
gry_lava	1	0	0	1	1	15	3	9	2	0	0
bl_lava	0	0	0	3	0	9	26	2	0	0	0
partly_alt_lava	1	0	3	0	11	4	0	10	2	0	0
alt	1	3	0	0	2	1	0	0	19	0	6
pl	0	6	0	0	10	2	1	1	7	35	5
px	3	4	0	0	0	0	0	0	3	2	18
sum	44	44	40	20	44	40	40	40	40	40	40

b) %

14ves_pu	45.5	29.5	7.5	0.0	0.0	0.0	0.0	5.0	2.5	0.0	10.0
25gr_pu	40.9	38.6	0.0	0.0	11.4	2.5	0.0	10.0	7.5	7.5	7.5
25bl_sco	0.0	0.0	2.5	10.0	2.3	12.5	2.5	10.0	5.0	0.0	2.5
sco	0.0	0.0	75.0	70.0	0.0	0.0	22.5	2.5	2.5	0.0	2.5
l_gr_lava	0.0	2.3	7.5	0.0	31.8	7.5	0.0	17.5	0.0	0.0	5.0
gry_lava	2.3	0.0	0.0	5.0	2.3	37.5	7.5	22.5	5.0	0.0	0.0
bl_lava	0.0	0.0	0.0	15.0	0.0	22.5	65.0	5.0	0.0	0.0	0.0
partly_alt_lava	2.3	0.0	7.5	0.0	25.0	10.0	0.0	25.0	5.0	0.0	0.0
alt	2.3	6.8	0.0	0.0	4.5	2.5	0.0	0.0	47.5	0.0	15.0
pl	0.0	13.6	0.0	0.0	22.7	5.0	2.5	2.5	17.5	87.5	12.5
px	6.8	9.1	0.0	0.0	0.0	0.0	0.0	0.0	7.5	5.0	45.0
total	100	100	100	100	100	100	100	100	100	100	100

c) combined(%)

14ves_pu+25gr_pu	86.4	68.2									
25bl_sco+sco			77.5	80.0							
l_gr_lava+gry_lava					34.1						
gry_lava+bl_lava						60.0					
sco+bl_lava							87.5				
partly_alt_lava+alt								25.0	52.5		
lavas					59.1	77.5	72.5	70.0			

d) isolated crystals excluded (%)

14ves_pu	48.8	38.2	7.5	0.0	0.0	0.0	0.0	5.1	3.3		
25gr_pu	43.9	50.0	0.0	0.0	14.7	2.6	0.0	10.3	10.0		
25bl_sco	0.0	0.0	2.5	10.0	2.9	13.2	2.6	10.3	6.7		
sco	0.0	0.0	75.0	70.0	0.0	0.0	23.1	2.6	3.3		
l_gr_lava	0.0	2.9	7.5	0.0	41.2	7.9	0.0	17.9	0.0		
gry_lava	2.4	0.0	0.0	5.0	2.9	39.5	7.7	23.1	6.7		
bl_lava	0.0	0.0	0.0	15.0	0.0	23.7	66.7	5.1	0.0		
partly_alt_lava	2.4	0.0	7.5	0.0	32.4	10.5	0.0	25.6	6.7		
alt	2.4	8.8	0.0	0.0	5.9	2.6	0.0	0.0	63.3		
total	100	100	100	100	100	100	100	100	100		

e) combined (%)

14ves_pu+25gr_pu	92.7	88.2									
25bl_sco+sco			77.5	80.0							
l_gr_lava+gry_lava					44.1						
gry_lava+bl_lava						63.2					
sco+bl_lava							89.7				
partly_alt_lava+alt								25.6	70.0		
lavas					76.5	81.6	74.4	71.8			