Table 6. Modal abundance of minerals and glasses in finest size fractions of selected Apollo Highland Soils. Maturity as I_S/FeO of the <250 μm fraction [*Morris*, 1978] is given directly after the soil number, a value commonly used as the reference maturity for an entire soil.

	14141-5.7			14163-57			14260-72			14259-85		
	20-45μm	10-20μm	<10μm	20-45μm	10-20μm	<10μm	20-45μm	10-20μm	<10μm	20-45μm	10-20μm	<10μm
Agglut. Gl.	41.0	48.6	45.9	56.4	58.5	66.3	64.0	65.2	66.5	60.5	68.7	71.6
Pyroxene	19.8	10.9	10.3	16.2	13.8	3.8	13.7	12.1	7.7	18.2	9.1	5.9
Plag	26.6	28.0	27.6	18.9	18.3	21.8	15.6	16.1	16.3	14.1	15.4	14.6
Olivine	4.0	1.6	1.5	2.4	2.1	0.4	2.1	1.5	1.4	2.3	1.4	0.7
Ilmenite	1.9	1.1	1.7	0.8	0.9	1.1	0.9	1.0	1.3	1.3	1.2	1.5
K-Phases	4.5	7.4	10.8	3.8	4.1	3.4	2.5	2.6	3.7	2.5	2.7	3.4
Others	2.2	2.4	2.2	1.5	2.3	3.2	1.2	1.5	3.1	1.1	1.5	2.3
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

	61221-9.2			67461-25			67481-31			61141-56		
	20-45μm	10-20μm	<10μm	20-45μm	10-20μm	<10μm	20-45μm	10-20μm	<10μm	20-45μm	10-20μm	<10μm
Agglut. Gl.	28.9	32.6	41.6	25.4	32.4	35.8	27.6	28.6	35.2	50.1	53.9	61.6
Pyroxene	7.4	5.3	1.5	7.3	4.1	2.8	6.6	5.6	3.6	4.4	3.3	1.7
Plag	58.7	59.4	54.4	64.3	61.0	60.0	61.2	62.0	58.8	42.5	40.3	35.3
Olivine	3.9	2.0	0.9	2.5	1.5	0.7	4.0	2.9	1.5	2.1	1.6	0.5
Ilmenite	0.6	0.3	0.9	0.3	0.3	0.2	0.1	0.2	0.2	0.3	0.3	0.3
K-Phases	0.2	0.2	0.3	0.1	0.2	0.1	0.3	0.4	0.3	0.3	0.4	0.3
Others	0.3	0.2	0.4	0.1	0.5	0.4	0.2	0.3	0.4	0.3	0.2	0.3
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**

	64801-82			62231-91		
	20-45μm	10-20μm	<10μm	20-45μm	10-20μm	<10μm
Agglut. Gl.	53.6	61.0	63.6	50.6	55.0	69.5
Pyroxene	4.5	2.8	2.7	5.1	4.40	0.9
Plag	39.3	34.5	32.3	40.5	37.8	28.3
Olivine	1.8	1.0	0.6	2.9	1.7	0.3
Ilmenite	0.3	0.2	0.2	0.3	0.5	0.4
K-Phases	0.3	0.3	0.4	0.3	0.4	0.3
Others	0.2	0.2	0.2	0.3	0.2	0.3
Total	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**	**100.0**