

Quantitative Analysis from Profile-Fitted Peaks

FILE: [Rogg PSS-75 Top Dark.raw] PSS-75 Top Dark

SCAN: 2.5/60.0/0.02/1.2(sec), Cu(40kV,40mA), I(max)=6676, 06/05/15 12:04p

PROC: [New Quantitative Analysis]

Phase ID (3)	RIR	Wt%	Wt(n)%	Vol(n)%	#L	I%-I(r)	POC
Illite-2M2 - $KAl_2(Si_3Al)O_{10}(OH)_2$	0.36	43.0 (1.6)	43.0 (1.6)	41.9 (1.8)	1	50.0	<None>
Dolomite - $CaMg(CO_3)_2$	2.50	7.7 (0.3)	7.7 (0.3)	7.3 (0.3)	1	0.0	<None>
Quartz - SiO_2	3.41	49.3 (1.8)	49.3 (1.8)	50.8 (2.2)	5	3.2	<None>

NOTE: Calculation Using: Peak Area, POC: Preferred Orientation Correction, Brindley Correction = 5.0 microns

2-Theta	FWHM	Height	H%	Area(a1)	A%	I(r)	I(p)	I%-I(r)	(h k l)
19.775 (0.009)	0.512 (0.012)	315 (4)	100.0	10083 (215)	100.0	150.0	150.0	-50.0	(1 1 0)
31.091 (0.013)	0.473 (0.011)	328 (6)	100.0	8267 (228)	100.0	100.0	100.0	0.0	(1 0 4)
20.866 (0.003)	0.224 (0.003)	677 (8)	15.2	9381 (150)	15.8	16.0	16.0	-0.2	(1 0 0)
26.630 (0.003)	0.216 (0.003)	4462 (58)	100.0	59296 (900)	100.0	100.0	100.0	0.0	(1 0 1)
39.447 (0.004)	0.219 (0.004)	377 (7)	8.5	4401 (110)	7.4	8.0	8.0	-0.6	(1 0 2)
42.420 (0.005)	0.251 (0.005)	331 (6)	7.4	4430 (119)	7.5	6.0	6.0	1.5	(2 0 0)
50.104 (0.003)	0.230 (0.006)	992 (20)	22.2	15818 (394)	26.7	13.0	13.0	13.7	(1 1 2)

Trace montmorillonite

PSS-75 Top Dark

