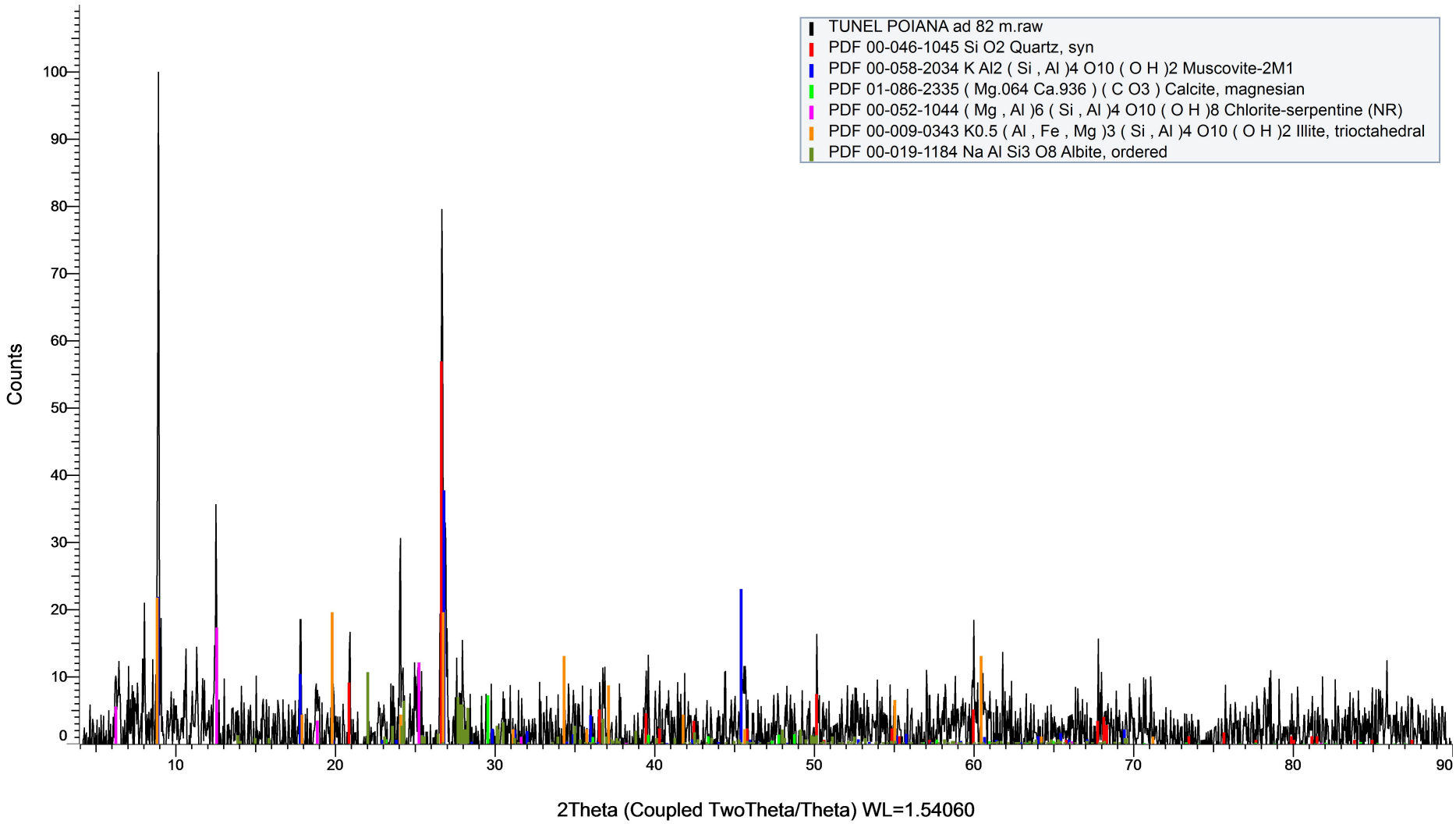
Laboratorul de Mineralogie - Institutul Geologic al Romanie (Coupled TwoTheta/Theta)



Pattern List #3

Show	Icon	Color	Index	Name	Parent	Scan	Pattern #	Compound Name
Yes			0	PDF 00-046-1045	Pattern List #3	TUNEL POIANA ad 82 m.raw #1	PDF 00-046-1045	Quartz, syn
Yes			1	PDF 00-058-2034	Pattern List #3	TUNEL POIANA ad 82 m.raw #1	PDF 00-058-2034	Muscovite-2M1
Yes			2	PDF 01-086-2335	Pattern List #3	TUNEL POIANA ad 82 m.raw #1	PDF 01-086-2335	Calcite, magnesian
Yes			3	PDF 00-052-1044	Pattern List #3	TUNEL POIANA ad 82 m.raw #1	PDF 00-052-1044	Chlorite-serpentine (NR)
Yes			4	PDF 00-009-0343	Pattern List #3	TUNEL POIANA ad 82 m.raw #1	PDF 00-009-0343	Illite, trioctahedral
Yes			5	PDF 00-019-1184	Pattern List #3	TUNEL POIANA ad 82 m.raw #1	PDF 00-019-1184	Albite, ordered

Formula	Quality	Y-Scale	I/Ic DB	I/Ic User	S-Q	Added Reference	d x by	Scan WL	Wavelength	System
Si O2	Star (*)	56.9516 %	3.410		16.54 %		1.0000	Yes	1.54060	Hexagonal
K Al2 (Si , Al)4 O10 (O H)2	Indexed	37.7269 %	(1)		37.37 %		1.0000	Yes	1.54060	Monoclinic
(Mg.064 Ca.936) (C O3)	Star (*)	7.2034 %	3.050		2.34 %		1.0000	Yes	1.54060	Rhombo.H.axes
(Mg , Al)6 (Si , Al)4 O10 (O H)8	Indexed	17.3087 %	(1)		17.15 %		1.0000	Yes	1.54060	Hexagonal
K0.5 (Al , Fe , Mg)3 (Si , Al)4 O10 (O H)2	Blank	21.7642 %	(1)		21.56 %		1.0000	Yes	1.54060	Orthorhombic
Na Al Si3 O8	Indexed	10.6775 %	2.100		5.04 %		1.0000	Yes	1.54060	Triclinic

Space Group	a	b	c	alpha	beta	gamma	Z	Volume	Density	Cell Tuned	F (N)
P3221 (154)	4.91344		5.40524				3	113.01	2.660	No	F30= 558.3(0.0017, 31)
C2/c (15)	5.20260	9.04180	20.05890		95.831		4	938.71		No	F30= 6.9(0.0380, 114)
R-3c (167)	4.96730		16.96309				6	362.47	2.723	No	F30= 999.9(0.0000, 30)
P (0)	5.34000		14.10900				1	348.43		No	F12= 2.4(0.0330, 151)
P (0)	5.25000	9.18000	20.00000				4	963.90	2.750	No	F16= 0.8(0.0680, 291)
C-1 (2)	8.13800	12.79000	7.16100	94.270	116.600	87.690	4	332.30	2.621	No	F30= 44.4(0.0165, 41)

Laboratorul de Mineralogie - Institutul Geologic al Romanie (Coupled TwoTheta/Theta)

