

### ANEXO 3: DATOS DRX (CRISTALINIDAD DE LA ILLITA Y CLORITA)

MUESTRA KML13A (47)

CHAMOSITA (CLORITA)

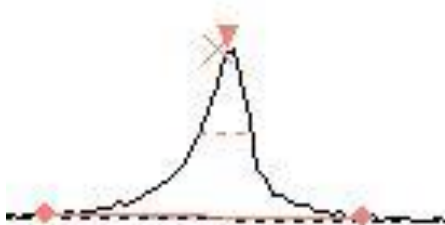


Figura 1: Pico de la Clorita (7Å)

Create Area 22-1447.raw (Strip ka2) #1	
<b>Angle (deg.)</b>	<b>Intensity (cps)</b>
Left Angle 5,806	Left Int. 8,89641
Right Angle 6,600	Right Int. 8,52623
Obs. Max 6,263	Gross Int. 37,1857
<b>FWHM 0,130</b>	Net Height 28,5024
Chord Mid. 6,254	Lock Int. <input checked="" type="checkbox"/>
I. Breadth 0,171	<b>Scherrer evaluation</b>
Gravity C. 6,236	Crystallite Size (Å) 652,8
<b>Area (cps x deg.)</b>	Use FWHM <input checked="" type="radio"/> Use I. Breadth <input type="radio"/>
Raw Area 11,778	K = 0,89
Net Area 4,8633	Instr. Width = 0,05
<b>Signal/Noise Ratio</b>	<b>Peak/Background Ratio</b>
S/N Ratio 103,6	P/B Ratio 3,3
Select an Area	Append this Area

Figura 2: Parámetros de cristalinidad de la Clorita (Índice de Kübler: FWHM)

ILLITA

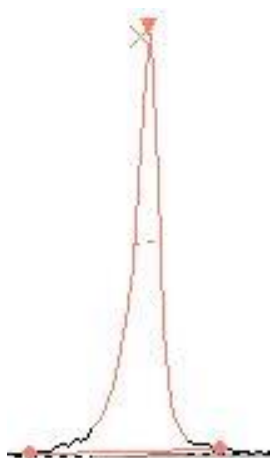


Figura 3: Pico de la Illita (10 Å)

Angle (deg.)		Intensity (cps)	
Left Angle	8,493	Left Int.	7,95085
Right Angle	9,103	Right Int.	8,90834
Obs. Max	8,870	Gross Int.	100,579
<b>FWHM</b>	<b>0,084</b>	Net Height	92,0362
Chord Mid.	8,866	Lock Int.	<input checked="" type="checkbox"/>
I. Breadth	0,108	<b>Scherrer evaluation</b>	
Gravity C.	8,848	Crystallite Size (Å)	1159,3
<b>Area (cps x deg.)</b>		Use FWHM <input checked="" type="radio"/> Use I. Breadth <input type="radio"/>	
Raw Area	15,096	K =	0,89
Net Area	9,9488	Instr. Width =	0,05
<b>Signal/Noise Ratio</b>		<b>Peak/Background Ratio</b>	
S/N Ratio	340,2	P/B Ratio	10,8
Select an Area	Append this Area		

Figura 4: Parámetros de cristalinidad de la Illita (Índice de Kübler: FWHM)

MUESTRA KML13C (48)

CLORITA

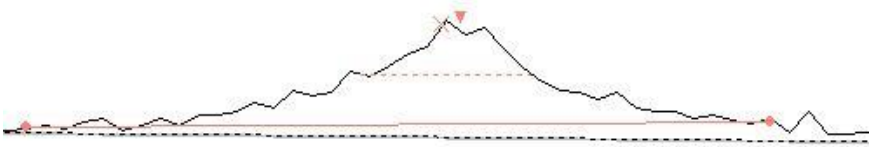


Figura 5: Pico de la Clorita (7 Å)

Angle (deg.)		Intensity (cps)	
Left Angle	5,806	Left Int.	8,08620
Right Angle	6,600	Right Int.	8,41666
Obs. Max	6,269	Gross Int.	14,0756
<b>FWHM</b>	<b>0,181</b>	Net Height	5,79676
Chord Mid.	6,254	Lock Int.	<input checked="" type="checkbox"/>
I. Breadth	0,235	<b>Scherrer evaluation</b>	
Gravity C.	6,248	Crystallite Size (Å)	452,2
<b>Area (cps x deg.)</b>		Use FWHM <input checked="" type="radio"/> Use I. Breadth <input type="radio"/>	
Raw Area	7,9123	K =	0,89
Net Area	1,3626	Instr. Width =	0,05
<b>Signal/Noise Ratio</b>		<b>Peak/Background Ratio</b>	
S/N Ratio	21,7	P/B Ratio	0,7
Select an Area	Append this Area		

Figura 6: Parámetros de cristalinidad de la Clorita (Índice de Kübler: FWHM)

## ILLITA

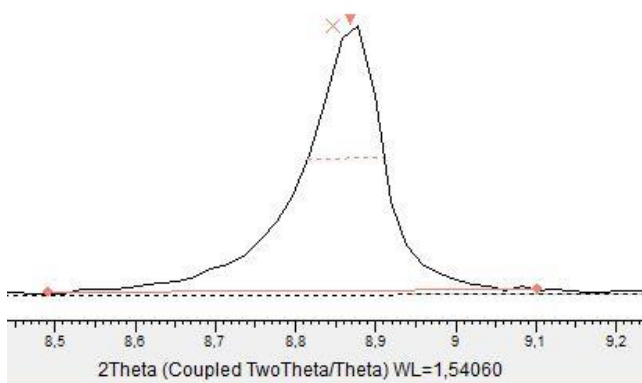


Figura 7: Pico de la Illita (10 Å)

Create Area 22-1448.raw (Strip ka2) #1	
<b>Angle (deg.)</b>	<b>Intensity (cps)</b>
Left Angle 8,493	Left Int. 7,49538
Right Angle 9,103	Right Int. 8,36198
Obs. Max 8,870	Gross Int. 82,4136
<b>FWHM 0,095</b>	Net Height 74,3826
Chord Mid. 8,864	Lock Int. <input checked="" type="checkbox"/>
I. Breadth 0,122	<b>Scherrer evaluation</b>
Gravity C. 8,847	Crystallite Size (Å) 973,5
<b>Area (cps x deg.)</b>	Use FWHM <input checked="" type="radio"/> Use I. Breadth <input type="radio"/>
Raw Area 13,898	K = 0,89
Net Area 9,0565	Instr. Width = 0,05
<b>Signal/Noise Ratio</b>	<b>Peak/Background Ratio</b>
S/N Ratio 283,5	P/B Ratio 9,3
Select an Area	Append this Area

Figura 8: Parámetros de cristalinidad de la Illita (Índice de Kübler: FWHM)