

TABLE 8: FLOTATION TEST NO. 3  
Grinding time: 10 min  
Sample: Moins fluorite

Name	Reagents			Conditioning Time min	Flotation			pH
	Addition kg/c	Point of Addition	Stage		Time min	Temp °C		
MR Sodium silicate	2.0	Mill						10.0
Collector*	0.1	Cell	1			40		9.8
Collector	0.1	Cell	1			40		-
Collector	0.1	Cell	1			40		-
						38		
						38		

Product	Weight, %		Assay, %				Distribution, %			
	Product	Cumulative	CaF <sub>2</sub>		Fe		CaF <sub>2</sub>		Fe	
			Prod.	Cum.	Prod.	Cum.	Prod.	Cum.	Prod.	Cum.
2nd Clnr conc	22.3	22.3	52.4	52.4	9.6	9.6	71.3	71.3	12.5	12.5
2nd Clnr tail	6.6	28.9	24.7	46.1	14.6	10.7	10.0	81.3	5.7	18.2
1st Clnr tail	9.3	38.2	12.9	38.0	16.6	12.2	7.3	88.6	9.0	27.2
Rougher tail	61.8	100.0	3.0	16.3	20.1	17.1	11.4	100.0	92.8	100.0
Head (calc)	100.0	-	16.3	-	17.1	-	100.0	-	100.0	-

\*Oleic acid 75%, Akypmine AT 25%.

TABLE 9: FLOTATION TEST NO. 6  
Grinding time: Primary grind - 10 min  
Regrind - 5 min  
Sample: Moins fluorite

Name	Reagents			Conditioning Time min	Flotation			pH
	Addition kg/c	Point of Addition	Stage		Time min	Temp °C		
MR Sodium silicate	2.0	Mill	10					
Collector*	0.1	Cell	1			2½	40	9.8
Collector	0.1	Cell	1			2	40	9.5
Collector	0.1	Cell	1			3	39	9.4
						4½	40	9.5
MR Sodium silicate	0.2	Mill	5					
						6	40	9.5
						4½	40	9.5
						4	41	9.5

Product	Weight, %		Assay				Distribution, %			
	Product	Cumulative	CaF <sub>2</sub>		Fe		CaF <sub>2</sub>		Fe	
			Prod.	Cum.	Prod.	Cum.	Prod.	Cum.	Prod.	Cum.
4th Clnr conc	15.5	15.5	81.8	81.8	3.9	3.8	73.8	73.8	3.4	3.4
4th Clnr tail	4.1	19.6	34.3	71.9	12.2	5.6	8.2	82.0	2.9	6.3
3rd Clnr tail	3.6	23.2	16.4	63.3	17.0	7.3	3.4	85.4	3.5	9.8
2nd Clnr tail	14.3	37.5	6.0	41.5	20.4	12.3	5.0	90.4	16.8	26.6
1st Clnr tail	7.3	44.8	8.2	36.0	17.7	13.2	3.5	93.9	7.4	34.0
Rougher tail	55.2	100.0	1.9	17.3	20.8	17.4	6.1	100.0	66.0	100.0
Head	100.0	-	17.3	-	17.4	-	100.0	-	100.0	-

\*Oleic acid 75%, Akypmine AT 25%.