

## MICHEL-LEVY METHOD FOR DETERMINING FELDSPAR COMPOSITION

Plagioclases are solid solutions between albite ( $\text{NaAlSi}_3\text{O}_8$ ) and anorthite ( $\text{CaAl}_2\text{Si}_2\text{O}_8$ ). Based on composition, plagioclases are divided into six species:

Albite	(90-100% albite end-member)
Oligoclase	(70-90% albite end-member)
Andesine	(50-70% albite end-member)
Labradorite	(30-50% albite end-member)
Bytownite	(10-30% albite end-member)
Anorthite	(0-10% albite end-member)

Use this information and that in Nesse and the handout to determine the plagioclase species in these rocks.

	Left	Right	Average
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

**HAND THIS IS WITH YOUR PRACTICAL!!!!**