

Mineral classification - Random Forest (Test Set)

N.Samples = 300 for each group, N.Trees = 150, 70-30% split, 5-fold, Accuracy: 99%

0	0	0	0	0												
				J	0	0	0	0	0	0	0	0	0	0	0	1
0	0.01	0	0	0	0	0	0	0	0	0	0.01	0	0	0	0.99	0
0	0	0	0	0	0	0	0	0	0	0	0	0	0.02	1	0	0
0	0	0	0	0	0	0	0.01	0	0	0	0	0	0.98	0	0.01	0
0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0
0.01	0	0	0	0	0	0.02	0	0	0	0	0.94	0	0	0	0	0
0	0	0.01	0	0	0	0	0	0	0	1	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0	0.99	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0	0.99	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0	0.98	0	0	0	0	0	0	0	0	0
0	0	0	0	0	0	0.97	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
0	0	0	0	0.99	0	0	0	0	0	0	0	0	0	0	0	0
0	0	0	1	0	0	0.01	0	0	0	0	0	0	0	0	0	0
0	0	0.99	0	0	0	0	0	0.01	0.01	0	0	0	0	0	0	0
0	0.99	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
0.99	0	0	0	0.01	0	0	0.01	0	0	0	0.04	0	0	0	0	0
AMPHIBOLES -	APATITE -	CARBONATE -	- CLAY	FELDSPAR -	FELDSPATHOID -	GARNET -	ILMENITE	MICA -	OLIVINE	PEROVSKITE -	PYROXENE -	QUARTZ -	- SPINEL	SULFIDE -	TITANITE	ZIRCON -
	0 0 0 0.01 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O O O O O O O O O O O O O O O O O O O	O O O O O O O O O O O O O O O O O O O	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0

Reference