

Cross tabulation of discriminant analysis results. Rows represent the *a priori* petrofacies membership assigned by petrographers. Columns represent group memberships calculated by the discriminant functions. Samples outside of the matrix formed by each generic group of petrofacies are errors at the generic level. Samples inside of the matrix for each generic model, but not on the diagonal, are errors at the specific level. Samples on the diagonal are correctly classified.

	Mineralic Petrofacies													Lithic-Metamorphic Petrofacies						Lithic-Volcanic Petrofacies									Total in petrofacies	Percent correct
	A	B	C	F5	H	I	J	Q	R	S	T	U	W	5	E	K	P	V	Y	1	3	9	D	F4	G	L	M	N		
A	10	0	1	0	0	0	0	1	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	12	0.83
B	0	3	0	0	0	0	0	0	0	0	0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4	0.75
C	0	0	6	0	0	0	0	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	1.00
F5	0	0	0	13	1	0	0	1	1	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	0.81
H	1	0	0	0	17	0	1	0	0	0	0	3	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	22	0.77
I	1	0	0	0	0	6	0	0	0	0	0	0	0	-	-	-	1	-	-	-	-	-	1	-	-	-	-	-	9	0.67
J	0	0	0	0	0	1	5	0	0	0	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	6	0.83
Q	0	0	0	0	1	0	0	17	0	0	0	1	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	20	0.85
R	0	0	0	0	0	0	0	0	6	0	0	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	7	0.86
S	0	0	0	0	0	0	0	0	0	2	0	0	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2	1.00
T	0	0	0	1	0	0	0	0	0	0	8	1	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	10	0.80
U	1	0	0	0	1	0	1	1	0	0	0	12	0	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	16	1.00
W	0	0	0	0	0	0	0	0	0	0	0	0	3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	3	1.00
5	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0	0	0	0	-	-	-	-	-	-	-	-	-	2	1.00
E	-	-	-	-	-	-	-	-	-	-	-	-	-	0	9	0	0	0	0	-	-	-	-	-	-	-	-	-	9	1.00
K	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	4	0	0	0	-	-	-	-	-	-	-	-	-	4	1.00
P	-	-	1	-	-	1	-	-	-	-	-	-	-	0	0	0	3	0	0	-	-	-	-	-	-	-	-	-	5	0.60
V	-	-	-	-	-	-	-	-	-	-	-	-	-	1	0	0	0	14	0	-	-	-	-	-	-	-	-	-	15	0.93
Y	-	-	-	-	-	-	-	-	-	-	-	-	-	2	0	0	0	0	2	-	-	-	-	-	-	-	-	-	4	0.50
1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	8	0	0	0	0	0	0	0	0	8	1.00
3	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	4	0	0	0	0	0	0	1	5	0.80
9	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	6	0	0	0	0	0	0	6	1.00
D	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	7	0	0	0	0	0	7	1.00
F4	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	-	0	0	0	0	8	0	0	0	0	9	0.89
G	-	-	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	5	0	0	0	7	0.71
L	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	1	0	0	9	0	0	10	0.90
M	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	5	1	6	0.83
N	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	0	0	0	0	0	0	0	0	18	18	1.00
Total assigned to petrofacies	13	3	9	14	20	8	8	20	7	2	8	19	4	6	9	4	4	14	2	8	4	6	8	8	6	9	5	20	85.5	Percent correct