

Table 4-3. Contingency table (error matrix) for THRO vegetation mapping accuracy assessment.

[\(Code Description\)](#)

	Map Code	Reference Data (Accuracy Assessment Class)																									Total N	
		1	2	3	4	10	12	13	15	16	17	18	30	31	33	35	36	37	38	39	41	42	43	44	45	47		
S a m p l e D a t a	1	6																								6		
	2		43	2				1		1				1												1	49	
	3			1																								1
	4				4																							4
	10					4																	1					5
	12						1					1							1									3
	13							0																				0
	15								2																			2
	16							1	1		5				2													9
	17									1		19	2															22
	18		2					2		7	12		63	3	3		1	4									1	98
	30							1						1														2
	31					2		1							12				1	1					1			18
	33		1													2												3
	35		1	1										1			11											14
	36																0											0
	37					3	1							4			1	13	1									23
	38													1						3								4
	39																				1							1
	41																					0						0
	42																						3			1		4
	43																				1	1	7			1		10
	44		1						1								3								26	1		32
	45													1						1			1			3		6
	47				1																				2	27	30	
Total N:		6	48	5	4	9	6	2	12	17	20	66	5	23	3	12	8	15	6	1	1	6	8	28	5	30		

OVERALL TOTAL ACCURACY = 74.3 %

OVERALL KAPPA INDEX = 71.3%

[Pchance = 0.10406]

OVERALL TOTAL ACCURACY 90% UPPER AND LOWER CONFIDENCE INTERVAL = + 78.3 % - 70.3 %

Total Correct: 257
Total Samples: 346

the total sample size (N) and is used to calculate Overall Total Accuracy.
(Omission and Commission errors were calculated using total accuracy)

Table 4-3 Contingency Table, continued.

Total Correct	Sample Data		Comission Error	90% Confidence Interval (%)		Referenc Data		Omission Error	90% Confidence Interval (%)	
	r	N		Map Code	% Correct	-	+		N	Map Code
6	6	1	100.0%	65.5%	100.0%	6	1	100.0%	66.5%	100.0%
43	49	2	87.8%	77.3%	94.5%	48	2	89.6%	79.3%	95.8%
1	1	3	100.0%	10.0%	100.0%	5	3	20.0%	2.1%	62.1%
4	4	4	100.0%	50.0%	100.0%	4	4	100.0%	50.0%	100.0%
4	5	10	80.0%	37.9%	97.9%	9	10	44.4%	21.0%	76.8%
1	3	12	33.3%	3.5%	80.4%	6	12	16.7%	1.7%	54.2%
0	0	13	n/a	n/a	n/a	2	13	0.0%	0.0%	68.4%
2	2	15	100.0%	31.6%	100.0%	12	15	16.7%	4.5%	39.8%
5	9	16	55.6%	23.2%	79.0%	17	16	29.4%	14.0%	50.0%
19	22	17	86.4%	71.1%	94.9%	20	17	95.0%	79.7%	99.5%
63	98	18	64.3%	55.8%	72.8%	66	18	95.5%	88.7%	98.7%
1	2	30	50.0%	5.1%	94.9%	5	30	20.0%	2.1%	62.1%
12	18	31	66.7%	46.4%	83.7%	23	31	52.2%	32.8%	72.6%
2	3	33	66.7%	19.6%	96.5%	3	33	66.7%	19.6%	96.5%
11	14	35	78.6%	57.8%	91.9%	12	35	91.7%	70.6%	99.1%
0	0	36	n/a	n/a	n/a	8	36	0.0%	0.0%	25.5%
13	23	37	56.5%	38.1%	72.7%	15	37	86.7%	67.4%	96.4%
3	4	38	75.0%	32.0%	97.4%	6	38	50.0%	20.1%	79.9%
1	1	39	100.0%	10.0%	100.0%	1	39	100.0%	10.0%	100.0%
0	0	41	n/a	n/a	n/a	1	41	0.0%	0.0%	90.0%
3	4	42	75.0%	32.0%	97.4%	6	42	50.0%	20.1%	79.9%
7	10	43	70.0%	35.2%	88.4%	8	43	87.5%	58.2%	98.7%
26	32	44	81.3%	66.3%	91.5%	28	44	92.9%	79.9%	98.1%
3	6	45	50.0%	20.1%	79.9%	5	45	60.0%	24.7%	88.8%
27	30	47	90.0%	78.1%	96.3%	30	47	90.0%	78.1%	96.3%

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