

Mangaraki country. Mr. Struthers to complete triangulation of the country between the Wairarapa Lakes and Awhea District; survey a block of 8,000 acres for the Native Land Court; and traverse and legalize roads in South Wairarapa. Mr. Thompson to complete back and side line survey of the Paraekaretu Block. Mr. Ashcroft to assist Mr. Annabell; Mr. Greville and Mr. Crombie to assist Mr. Smith.
J. W. MARCHANT, Chief Surveyor.

TABLE showing TRIG. CLOSURES, 1882-83.

Surveyor and Survey District.	Average Error in Summation of Angles.	Side.	Bearings.	Distances.	Error per Mile (Links).	Remarks.	
N. J. Tone, Kopuara-nga and Tiffin	7"	Arikirau-Rangitumau, close on Arikirau	° ' "	lks.	lks.	Four triangles to fix three new stations.	
		Pukehinau	186 48 26 48 30 diff. 4	22,092.8 22,092.8 0.0	..		
J. A. Thorpe, Mau-ngakaretu and Tiri-raukawa	8"	Base P-L not closed on a side, checked on Δ W	difference of 5.4 and 4.2 in	co-ordinates 453 chains	17,644.2	Three triangles to fix Two stations.	
		Starting from CG and CP, closing on BF 7 triangles	..	..	42.4		0.8
		From BF through 3 triangles to FA	..	..	24,749.5 51.8		0.7
		From UF through 4 triangles to US	..	..	20,592.1 92.4		0.1
		From SP through 4 triangles to ST	..	..	22,372.1 69.9		0.8
		From ST through 1 triangle to TH	..	..	21,447.8 46.6		0.4
		From XT through 2 triangles to VR	..	..	20,156.4 56.0		0.2
		CP	200 33 53 40	18,357.9 59.9	0.9		Comparison with work by John Annabell.
		PK	201 14 3 13 48	16,515.5 21.7	3.0		
		KI .. .. .	..	18,251.8 51.0	0.4		
IH .. .. .	..	21,574.2 74.8	0.2				
G. A. Northcroft, Mangaone and Kopu- aranga	9"	Side closed on itself through six triangles	..	45,488.2 501.2	2.3	Comparison with work by H. A. Field.	
		BO from BA .. .. .	..	27,470.4 69.7	0.2		
		SM from SU .. .. .	..	35,290.4 89.6	0.2		
		BD from BE .. .. .	..	46,057.2	..		
		BD from BS .. .. .	..	57.0 0.2	..		
		BC from BT .. .. .	..	15,760.3	0.9		
		BC from BA .. .. .	..	58.5 1.8			