Survey Azimuths Resecting Station 21 and Te Puai Island Station 23-04-17

Azimuth	Azimuths from Station 21	Azimuth	IGRF Declination	Rev. Admiralty Declination[3]	First Reciprocal	Second Reciprocal
1	Mr Spencers (Te Wairoa) Trig 505	306.500	14.040	11.980	498.480	**138.480**
	Te Kumete Ridge					
2	Peak on the Track (escarpment)	314.667	14.040	11.980	506.647	146.647
3	Second Left Peak (left end of Trig 3058 plateau)	322.667	14.040	11.980	514.647	154.647
4	Te Kumete-Highest Point (Trig 3058 and ALQC)[1]	326.000	14.040	11.980	517.980	**157.980**
5	Next Right Point (left end of 515 Trig plateau)	334.333	14.040	11.980	526.313	166.313
6	Point on Tarawera (Mataneho Point)	355.000	14.040	11.980	546.980	186.980
7	Makatiti highest point (Western peak)	359.333	14.040	11.980	551.313	191.313
	Tarawera Berg					
8	NW Corner of Plateau near Trig 949	43.500	14.040	11.980	235.480	n/a
9	Highest Point (Smith Station)[2]	46.167	14.040	11.980	**238.147**	n/a
10	SE Corner of Plateau (adjacent Trig 1024)	53.000	14.040	11.980	244.980	n/a
	Azimuths from Te Puai Island Station					
11	Second Peak (escarpment left of Trig 3058)	298.167	14.040	11.980	490.147	**130.147**
12	Te Kumete peak (Trig 3058 and ALQC)[1]	313.000	14.040	11.980	504.980	**144.980**
13	Tarawera Mtn highest peak (Smith station)[2]	48.833	14.040	11.980	**240.813**	n/a

[1] Note the two Te Kumete survey stations (Te Kumete and station 7691) are similarly aligned on our bearing

[2] Smith Report- *Eruption of Tarawera,* 1887, p.46

[3] Final iteration following IGRF and 1858 Admiralty declination data refined by Lehmann's method.

NB: azimuths 1, 4 and 9 resected Station 21 while azimuths 11,12 and 13 resected Te Puai Station