

The final positions in longitude of Yarkand and other important places have been determined as follows:—

The true longitude of KASHGHAR (Yangi-Shahr) is ...	...	...	76° 6' 47"
The difference of longitude between Kashghar and Yangi-Hissar as determined by Pandit Kishen Sing's pacing, corrected from latitude observations, is—	...	...
On outward journey ...	...	...
On return journey ...	...	...
	+ 0° 6' 15"	mean 6' 8"	+ 6' 8"
	+ 0° 6' 0"		

Giving for longitude of Yangi-Hissar ...	...	...	76° 12' 55"
The difference of longitude between Yangi-Hissar and Yarkand, determined in the same manner—	...	...
By outward journey is ...	...	...
By return journey ...	...	...
	1° 3' 0"		
	1° 4' 25"		

On the outward journey the survey was carried along the direct road, about 75 miles in length, and over a perfectly level country, whereas on the return journey the road followed a circuitous line of 180 miles, over one snowy pass and very rough ground. The first value is therefore accepted in preference, *viz.* ...

Giving a final value for YARKAND (Yangi-Shahr) of which is 0° 3' 5" in defect of the astronomically determined value of the same place. I have determined to accept the value as deduced from Kashghar in preference to the independent results arrived at from observations to the moon.

Again, the final longitude of Yangi-Hissar (as above) is ...	...	...	76° 12' 55"
The difference between Yangi-Hissar and Tashkurghan by Pandit's pacing corrected for latitude is ...	53' 25"		
The difference ascertained chronometrically by Captain Trotter is ...	54' 23"	mean 53' 54"	

Giving a final value for TASHKURGHAN of which is 4' 59" in defect of the value obtained from one night's observations to the moon at the same place.

The longitude of Kila Panjah (Wakhan) was determined chronometrically—

1. On outward journey, from Tashkurghan ...	...	...	72° 44' 18"
2. On return journey, from Ighiz-yar (near to and connected with Yangi-Hissar by a traverse survey)...	...	...	72° 46' 40"
Giving a final longitude for KILA PANJAH of...	...	...	72° 45' 29"
Whilst the observations for absolute longitude at the same place give a result of ...	...	...	72° 45' 30"
and a fourth entirely independent result obtained by Captain Trotter's route survey, corrected for latitude is	...	...	72° 44' 10"

The mean result obtained chronometrically is adopted for the final position. The wonderfully accordant results at Kila Panjah, although highly satisfactory, must perhaps to a certain extent be regarded as fortuitous, but the admirable *rates* obtained for the watch employed in the chronometric determinations, a silver *lever watch* by Brock of London specially made for explorations, are worth recording* and ought to give results in the accuracy of which great confidence may be placed.

* Travelling rates obtained by Captain Trotter for Brock's lever watch, No. 1602, during journey from Yangi-Hissar to Kila Panjah, and return journey to Yarkand.

STAGE.	Dates.	No. of days from which rate was determined.	Rate per diem gaining in seconds of time.	REMARKS.
Yangi-Hissar to Ak-tala.	18th to 22nd March	4	+ 6. 0	(1) Rate obtained by comparing difference of observed times with difference of longitude as derived from Pandit's pacing, corrected for latitude.
Ak-tala to Tashkurghan.	22nd to 31st March	9	+ 6. 1	(2) Ditto Ditto.