

ROUTE FROM TAMPEE ON THE LOONEE RIVER TO ISLAMCOTE.
Surveyed by Hunmantoo, Second Guide in September 1844. Measured with Perambulator.

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.		REMARKS.
			Miles.	Furlongs.		Shops.	Houses.	
Jood-poor.	Tampee.....							Tampee in on right bank of a branch of the Loonee river, a village containing 20 Shops, and 200 houses, water plentiful, in Jeeras in bed of river, now sweet, but becomes brackish in the hot weather
	„ Bheemghur	N. 84 W.	4	7	From 2 kutchas wells on left, with 3 feet water, and 35f. from the surface brackish.	deserted.		A few grass huts standing empty, road heavy sand, and over a succession of sand hills, covered with grass and small jungle of Baubool, Pelow &c.
	„ Vaidee.....	N. 75 W.	3	5½	Two wells on right, water sweet 6 feet from the surface.		2	Shepherd s on a small hill, road over several small sand hills, at 2m. 3f cross a piece of hollow ground, earth black, with brackish water on left, in the rains contains water, and overflows the country from village to village.
	„ Pinorsria.....	N. 73 W.	3	5½	One pukka well and one kutchas, very deep, water plenty but brackish.		19	Charuns and Rajpoots, encamping ground on left near the wells, country called "Thull" or "Sandy Desert," hills covered with grass and jungle.
	„ Pagleea.....	N. 62 W.	5		One kutchas well on right 90 feet from the surface, water brackish.		7	Rajpoots and Dhers, some cultivation, but all destroyed by locusts, when Hunmantoo passed, place likely to be deserted soon in consequence; besides the people of this country are constantly moving for pasturage for their cattle, and also for water.
Scinde	„ Boowar.....	N. 58 W.	8	5	One pukka well on right 120 feet deep, water plenty but brackish.		31	Musulman, Kosahs and Bheels, encamping ground west of well, road bad over sand hills, country covered with small Jungle and grass.
	Jaun Pauleea.....	N. 70 W.	11	1	From one well on left 150 feet deep, water plenty but brackish.		10	Musulman, country open to the right, encamping ground near the well on west, road generally over sand hills and small valleys in succession with low jungle and grass.
	„ Rahwutsir	S. 88 W.	11	5½	One well, left, water plentiful but brackish, 156 feet deep.		15	Musulman (Oonad,) emcamping ground near the well, road very heavy sand, grass and Jungle of Baubool scattered over the country.
	„ Kooder Fort.....	S. 80 W.	11	2½	Several wells have fallen in, but there are 4 wells S. W. of the fort, plentiful but brackish.	1	17	The fort is on the right with an outpost of 40 Sepoys and a native Officer from IX. Regt. N. I.; encamping ground west near the wells, country as before.
	„ Tareena.....	N. 51 W.	12	1½	One well with plenty of water, brackish 242 feet deep.		6	Nearly deserted, encamping ground extensive east of village. There is another route from Kooder by Rajoora, (see protracted route,) but not frequented on account of scarcity of water, the wells at the stages having fallen in, this route is therefore preferable, and is more direct.
	„ Abreah-ka-Thull.....	S. 63 W.	11	7½	One well fallen in, water is brought from Singara-ka-Ghur		7	On a sand hill, Musulman and Bheels, road over sand hills, country covered with grass and low jungle.
	„ Singara-ka-Ghur.....	S. 66 W.	2	2½	1 Pukka well 150 feet deep, water salt.	1	8	And a small fort, out post of 16 horse under Political Agent at Bhooj, encamping ground outside fort near well.
	„ Islam Cote.....	S. 55 W.	10	5½	2 Wells 156 feet deep, water plentiful, but brackish, 2 have fallen in since Oct. last.	4	50	With a brick fort, encamping ground near the wells between village and fort, on N. W. of fort on plain extensive, out post of 12 Kosah horse under Poll. Agent at Bhooj, inhabitants leaving on account of no rain having fallen.
Total.....			97	1				

ROUTE FROM BALMEER TO SIEW KOTRA.
Surveyed by private guide Gungadeen in 1835, under the directions of Captain Richards.

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.		REMARKS.
			Miles.	Furlongs.		Shops.	Houses.	
Political Superintendent of Mullanee.	Balmeer Camp to.....							The fort of Balmeer is situated on a rocky hill, country covered with jungle. The camp is about 3 miles N. E. of it, supplies plentiful at a high rate, water from 2 tanks, 4 wells, one good.
	Badrez.....	N. 28 W.	11	5	From 2 wells in dry bed of tanks, water good and plentiful.	6	100	Road good, soil sand and stone, some cultivation and thin jungle over the country, encamping ground S. E. on a plain, supplies limited.
	Wysala.....	N. 65 W.	4	3	From 5 wells & a tank, water good and plentiful.	18	146	Large village, at the foot of a rocky hill, with a stone fort on another hill south of village, supplies and water plentiful, encamping ground east of village, road better, hard and between hills.
	Aklee.....	N. 2 W.	9	5	From 6 wells, water good, there is a tank, but dry.		49	Road over sand hill, country open and scattered with thin jungle, encamping ground south of village.
	Siew Kotra.....	N. 36 W.	4	7	From 10 wells and two tanks lasting 8 months	67	283	Large village, with a small stone fort on west, supplies and water abundant, encamping ground south on a plain, road good for camel and horsemen, country covered with sand hills and low jungle of Baubool.
	Total.....		30	4				

FROM BALMEER TO VEERAWOW, VIA KUDDEE.

Route of a Detachment of four Companies of the 9th Regiment N. I., forming part of a Field Force operating against the Scinde Forts in the Thurr in 1843, under command of Captain C. F. Jackson, 2nd Light Cavalry, Political Superintendent of Mullanee.

Civil district & Poll. Authority.	TOWNS, VILLAGES, OR WELLS.	Distances.		General Direc- tion.	REMARKS.
		Miles.	Furlongs.		
Political Superintendent of Mullanee.	FROM BALMEER.				
	Oonka.....	7	6	S. 14 W.	50 Houses, 3 Shops, 1 well 29 feet.
	Raneegaum.....	3	3	S. 13 W.	34 Do..... 1 well 96 feet.
	Essrole *	11	6	S. 13 W.	Deserted, 1 well 180 feet, good.
	Beejarnia *	12		S	12 Houses, 1 well 82 feet, good.
	Dhunow *	5	..	S. 40 W.	13 Do.. 1 well 240 feet, good.
	Saong *	5		S. 40 W.	41 Do.. 1 well 180 feet, good.
	Talsur *	11		S. 77 W.	Deserted, well fallen in.
	Urrubyar *	8		S. 86 W.	12 Houses, 1 well 240 feet, good.
	Rawutsur *	9	5	S. 29 W.	Deserted, 1 well 195 feet, good.
	Kuddee.....	11		S. 81 W.	Fort, 15 Bheel Huts outside, 3 wells, 220 deep feet, brackish, one well about one mile to the northward. At the wells marked thus.* Inhabitants are not always to be found, Nomades occupy them for a time to pasture their cattle; after leaving Essrole the road heavy, and a continued succession of sand hills, these tracts are generally infested with plunderers.
	Carried over..	84	4		No certainty can be placed in finding water, as when deserted the wells frequently fall in.

J. T. JACKSON, Captain.
Poll. Supt. Mullanee.

*Routes in the Thurr, Surveyed under the Superintendence of Captain C. F. Jackson, 2nd Light Cavalry,
Political Superintendent of Mullanee, Kuddee to Veerawaw.*

Civil district & Poll. Authority.	NAMES OF PLACES.	Distances		Bearing.	REMARKS.
		Miles.	Furlongs.		
Poll. Supt. of Mullanee.	Brought forward..	84	4		
	Meetriow.....	7	6	S.	10 Houses, 1 well 160 feet, good.
	Rohiz.....	10	7	S. 28 E.	15 Do. 2 wells 120 feet, salt.
	Peeloogaum.....	4	5	S. 11 W.	9 Do. 1 do. 180 feet, good.
	Dhundera.....	7	6	S. 30 E.	30 Do. 1 shop, 4 veerees, 30 feet, good.
	Veerawow.....	7	7	S. 46 E.	Large village, supplies and water plentiful.
	Total....	123	3		

Allikote or Cheylur to Meeteekote.

Poll. Supt. of Mullanee.	NAMES OF PLACES.	M.	F.	Bearings.	REMARKS.
	Assabeo.....	9	5	S. 32 W.	Deserted, dry well.
	Khareo.....	1	7	S... ..	12 Houses, 1 well 185 feet, salt.
	Meeteekote.....	6	3	S. 20 W.	113 Do. 100 Buneahs, 9 wells, 132 feet, some good others brackish.
	Total....	17	7		

Meeteekote to Islamcote.

Poll. Supt. of Mullanee.	NAMES OF PLACES.	M.	F.	Bearings.	REMARKS.
	Malnoor.....	3	7	S. 75 E.	16 Houses, 2 wells, 140 feet, brackish.
	Boogar....	6	...	N. 73 E.	20 Do. 1 well 152 feet, ditto.
	Meetriou....	2	6	S. 48 E.	13 Do. 1 do. 166 feet, ditto.
	Cumptow....	4	3	S. 30 E.	10 Do. 1 do. 150 feet, ditto.
	Islamcote.....	6	7	S. 48 E.	
	Total....	23	7		

Allikote or Cheylur to Nowakote.

Poll. Supt. of Mullanee.	NAMES OF PLACES.	M.	F.	Bearings.	REMARKS.
	Bhorelee.....	6	6	S. 71 W.	13 Houses, 1 tank and veerees
	Meetree Tullow.....	3	4	S. 75 W.	13 Do. Do.
	Hurree Pul.....	3	...	W.	15 Do. 3 veerees, 150 feet, brackish.
	Lulla-ka-Tullow.....	5	1	S. 54 W.	Deserted, no water.
	Khanoor.....	6	5	S. 73 W.	16 Houses, veerees, 60 feet, salt.
	Daod-ka-Veeree.....	2	3	S. 70 W.	Deserted, 1 well, 120 Feet, salt.
	Nowakote.....	4	3	S. 70 W.	Fort, 10 Bheel houses, 2 wells 120 feet, good.
	Total....	30	6		

Nowakote to Allikote or Cheylar

Civil district & Poll. Authority.	NAMES OF PLACES.	Distances.		General Direc- tion.	REMARKS.
		Miles.	Furlongs.		
Scinde.	Rohulree... ..	1	3	N. 25 E.	14 Houses, 1 well, 62 feet, good.
	Jeynan... ..	3	1	N. 41 E.	23 Do. 3 Shops, 1 well 23 feet, good.
	Lukman-ka-Vuh... ..	1	2	N. 23 E.	6 Do. veerees, good.
	Seylunee.. ..	1	3	N. 47 E.	14 Do. 1 well 90 feet, brackish.
	Hydoo Changa... ..	1	6	N. 47 E.	47 Do. 3 Shops, 1 well 90 feet, good.
	Notah.. ..	4		N. 43 E.	40 Do. 20 do. 2 do. 75 feet, ditto.
	Rayaree.. ..	4	14	N. 43 E.	3 Do. 1 well 18 feet, good.
	Rayarah.. ..		7	N. 69 E.	10 Do. 1 do. 72 feet, good.
	Janjier.. ..	12		N. 70 E.	26 Do. 2 do. 180 feet, brackish.
	Allikote... ..	7		S. 43 E.	Fort, supplies and water plentiful.
Total....		36	74		

Allikote or Cheylar to Omerkote.

Scinde.	Hameer-ka-Tulow.	9	1	N. 10 W.	25 Houses, 1 Shop, 1 well 105 feet, brackish.
	Morassia.. . . .	7	5	N. 30 W.	30 Do. 1 well 195 feet, brackish.
	Bheatra.	5	6	N. 56 W.	5 Do. 1 do. 190 feet, good.
	Omerkote.	8	2	N. 24 W.	Fort and large town.
Total . . .		30	6		Part of Captain Jackson's Field force marched this Route in October 1843,

Dependance can never be placed on finding Inhabitants or water at the wells in the Thurr, they generally fall in when unoccupied.

C. F. JACKSON, Captain.

Poll. Supt. Mullanee.

ROUTE FROM BALMEER TO ISLAMCOTE.

Furnished by Captain Bellasis 9th Regiment N. I., in January and February 1844.

Districts.	NAMES OF VILLAGES.	Distances Estimated.			Direction.	REMARKS.
		Koss.	Miles.	Furlongs.		
Poll. Supt. of Mullanee.	BALMEER TO.					
	Purwah.....	7	13			The road generally good, but hilly, water good and plentiful, supplies scanty, sand hills and small valleys in succession, thinly sprinkled with low jungle, and plenty of grass this year (1844,) the forage is usually scarce.
	Chotun.....	8½	14	..		
	Warreea.....	6	12	..		
	Sukut-ka-tolow.....	4	8	..	S. S. W.	
	Charnore.....	7	14	..		
	Kooder (Shahgur fort)	4	8	..		
	Turriana.....	6	12	..		
	Singala.....	7½	16	..	W. S. W.	
	Islamcote.....	6	15	..		
Total.....		56	112	..		

ROUTE FROM BALMEER TO JOUDPUR,
Marched by Captain C. F. Jackson, 2nd Light Cavalry, in the month of June 1844.

Civil district & Poll. Authority.	TOWNS AND VILLAGES.	Distances.		General Direc- tion.	REMARKS.
		Miles.	Furlongs.		
Political Superintendent of Mullanee.	From Balmeer to Doodye.	13	5½	N. 50 E.	60 Houses, 3 Shops, 6 Kucha wells, sweet water.
	Malpoora	6		N. 80 E.	40 Houses, inhabitants drink at Doodye wells.
	Bapoo-ki-Dhani	1	4	S. 70 E.	20 Houses, inhabitants fetch water from Doodye.
	Meeta-ka-Cao.....	8	7	S. 80 E.	8 Houses, one well salt, water from Wytoo.
	Wytoo.....	1	5	E. . . .	200 Houses, 10 shops, 1 well brackish, 100 feet deep.
	Chandsuna	11	1	S. 60 E.	150 Houses, shops, kutcha wells in bed of tank, water sweet.
	Bheemurlye	3	7	S. 70 E.	60 Houses, 1 shop, small kutcha wells, in bed of river Loonee, water sweet.
	Bajawas.....	1	4	S. 60 E.	32 Houses, small kutcha wells in the bed of river Loonee, water sweet.
	Seerlee	3	1	S. 60 E.	150 Houses, 1 Shop, large tank, when dry kutcha wells dug in the bed.
	Sobawas.....	8	6	N. 50 E.	16 Houses, 1 shop, kutcha wells in the bed of river Loonee, water sweet.
	Jessole.....	2	6	S. 75 E.	600 Houses, 40 shops, water abundant.
	Balootra.. . . .	2	1	S. 75 E.	Large town, supplies and water abundant, cross Loonee, very broad.
	Hotloo.. . . .	4	4	S. 83 E.	100 Houses, 1 well, water sweet, wells also in fields adjoining.
	Janyeanee.....	1	4	S. 80 E.	200 Houses, 10 shops, 6 brackish wells, sweet water in kutcha wells.
	Seeranoo.....	1	7	S. 50 E.	150 Houses, 7 shops, 1 bhowree, water sweet.
	Khannuk	2	6	S. 80 E.	500 Houses, 40 shops, 1 well at village and plenty in adjoining fields.
	Parlow.....	1	7	N. 50 E.	250 Houses, 25 shops, 8 wells.
	Jurthree.....	3	1	S. 75 E.	100 Houses, 8 shops, a large tank, when dry, water from wells.
	Seelore.. . . .	1	7	S. 80 E.	60 Houses, 1 well.
	Deo Yallee	2	2	E. . . .	80 Do. Kutcha wells in river Loonee, water sweet.
Political Agent Joudpur.	Sumunduree....	1	6	N. 80 E.	1000 Houses, 100 shops, kutcha wells, in river Loonee, water sweet.
	Deopruh....	2	3	N. 50 E.	90 Houses, 1 well at village and plenty in adjoining fields.
	Bhonawah.....	1	6	N. 73 E.	20 Houses, 1 well.
	Chauon-ka-Barrah.....	4		N. 80 E.	10 Do. .. 1 do.
	Doodeah-ka.. do....	1	5	N. 60 E.	200 Houses, 40 shops, 7 wells.
	Meah-ka.... do.....	3	3	N. 80 E.	60 Houses, 6 wells brackish.
	Dhuneerah....	4	5	N. 75 E.	600 Houses, 20 shops, numerous wells.
	Toolapnee	2	2	N. 60 E.	40 Houses, 5 wells brackish.
	Bachneea.	2	1	N. 70 E.	200 Houses, 8 shops, kutcha wells in bed of river Loonee, water sweet.
	Doodeah.....	2	5	N. 65 E.	40 Houses, 1 shop, kutcha wells in bed of river Loonee, water sweet.
	Sutlana.....	4	3	N. 50 E.	700 Houses, 25 shops, large tank, when filled lasts throughout the year.
	Salawas.....	4	4	N. 10 E.	300 Houses, 20 shops, 1 bhowree, encamping ground for a large army, on a very extensive plain eastward of the city.
	City of Joudpur viz. Ja- lore Gate.....	11	1		
	Agency.....	1	7		
	Total.....	124	2½		

The road from Balmeer to Doodye excellent, thence to Bheemurlye rather heavy through loose sand, from Bheemurlye, to Joudpur most excellent for every arm of Troops, encamping ground in general good ; at every town and village after Chandsura forage exceeding scarce.

ROUTE FROM DEESA TO OMERKOTE, VIA GURRAH CHOTUN AND GUDDRA.

Compiled by Captain Bellasis, 9th Regiment N. I., in January and February 1844.

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances Estimated.			Direction.	REMARKS.
		Koss.	Miles.	Furlongs.		
Poll. Agent at Palhounpore.	DEESA TO.					
	Jairda.....	6	9	1	N.N.W.	Camp Deesa, left bank <i>Bunass river</i> ; at 4 furlongs right bank rather steep, bed soft sand, and generally dry; 1m. 6f. to Akole, little cultivation; to <i>Jairda</i> , good encamping ground and well, supplies scanty; last year 1843, no forage, this year abundance of grass, being the first rain for 3 years. To <i>Taitwa</i> , jungle thicker, (road requires clearing of stumps of trees and boughs, to Kurayla 2m. 4f.; at 6m. 4f. <i>Sumulwara</i> , very deep well of brackish water; at 2m. 4f. on <i>Dunoyrah</i> , large village, walled, supplies and water plentiful, encamping ground low near the well; at 3m. 6f. <i>Daka</i> , at 4m. 3f. <i>Wainchwara</i> , and 1m. 5f. to <i>Lowara</i> , small Bheel villages, jungle to <i>Ninawa</i> 4 miles, good ground S. W. of village, and water do. no supplies; at 3m. <i>Looniasun</i> , and at 4m. 4f. <i>Mayroo</i> , at 4 furlongs <i>Uretur</i> , and at 4 miles further <i>Kuraila</i> , 1 brackish well 1 furlong past village, 120 feet deep, no supplies from this to <i>Jacole</i> , the usual halt now deserted but good well there; 3m. 4f. to <i>Kurouray</i> , 4m. 4f. to <i>Kurooree</i> , 2m. to <i>Jaub</i> , large village, supplies, water plenty but brackish, and cultivation; (Baghacet) cross a dry nulla to <i>Ehtada</i> , 2m. 3f. to jatra 2m. 1f. <i>Inana</i> village; to <i>Jaocora</i> , 6m. Rubaree hamlet, bad water; to <i>Loombawa</i> , 1m. 1f. To <i>Gurra</i> , 2m. 5f. on right bank <i>River Lonee</i> , low banks sandy, soft bed, little or no water (Jany.) large village, wells, good water, supplies, dawk, and Bungala.
	Dhunayrah.....	8	11	4		
	Ninawa.....	9	13	6		
	Kuraila.....	8	12			
	Jaub.....	10	15	4		
	Gurra.....	9	14	2		
	Measured Miles.....	50	76	1		
Political Superintendent of Mullance.	Burahun.....	3	4	4	N. W. ...	The sand hillocks commence at 4 furlongs and continue to <i>Loharwa</i> , (or <i>Loharwa</i>) a Dher hamlet belonging to Gurrah, 2 good pukka wells, water at 40 feet; <i>Burahun</i> , a small Rubaree hamlet is passed at 4m. 4f. where there is a small pukka well of good water at 30 feet; road very heavy through a succession of small valleys and sand ridges both sprinkled with dwarf jungle, memosa and camel thorn; little cultivation and that destroyed by the Locusts, whose ravages are periodical in these parts, last Monsoon being favorable, grass and camel forage is most abundant. At <i>Loharwa</i> no supplies, encamping ground high, 2 good pukka wells 40 feet, 10 huts.
	Loharwa*.....	4	6			
	Kondawa.....	2	3		N. N. W.	Dher Hut, <i>Kondawa</i> , is a little to right of road, which winds over the sand hillocks and pretty good, country the same, 6m. 2f. to the left of <i>Lookoo</i> , is seen the <i>Dorinina Hill</i> also the <i>Bhintur Hill</i> , to the S. of <i>Kondawa</i> , both land marks; road heavy sand to <i>Mangta</i> , a Rajpoot and Bheel Hut, 2 small shops, supplies can be ordered beforehand from Balmeer. The only well is 150 feet deep, water brackish. From the hill near (a pile of granite boulders,) <i>Balmeer</i> is N. distant 27 miles. The <i>Chotun and Niratra hills</i> W. N. W. 20 miles, the Thakoor is a Ratore Rajpoot.
	Lookoo.....	1	1	4		
	Mangta*.....	4	6		N. W. ...	Wahurloo and Neelsur both at present deserted; at <i>Sunow</i> good water, but no hut or guide making the march to Chotun long; Neelsur is 4 furlongs to the right, a good well, and recommended as halt, taking a guide from Mangta. The latter part of march to Chotun is through jungle and long grass where last year there was not a blade, no rain of consequence having fallen for the last 3 years in these districts. <i>Chotun</i> is at present a small village in the elbow of the hill, which is a bare granite and very high. The ridge near <i>Omercote</i> is visible from the summit; 4 Shops, 2 good wells and a spring of water, from whence take supply for crossing the desert, villagers Rajpoots, Buneeahs and Bheels. Dawk to Balmeer, from the ruins it must have once been a considerable place, and would be fixed on for a line of Telegraphs. The Chief Rajpoot, Thakoor Rutun Sing, is an intelligent person and good guide.
	Wahurloo.....	2	3	2		
	Neelsur*.....	4	6	4	N. N. W.	
	Sunow.....	3	4			
	Chotun.....	3	5	7		
	Kariah Kooa.....	3	4	4	W. N. W.	From Chotun the road winds skirting the hill on left over ridge and through small valleys, jungle less dense, pass 2 pyramidal, hillocks at 4m. to left of road, thence W. N. W. to <i>Kariah Kooa</i> , a deep pukka well nearly dry, huts to left deserted, road pretty hard thence to <i>Churar</i> . The Chitrawow road branches off 2 miles before reaching this place, (which consists of two small Scindee hamlets, the head man at present a Scindee shepherd (Goolan) settled here from Gudra for pasturage. The well is 1f. from the huts, is 150 feet deep, and very brackish, no supplies except forage, this year abundant; the seed of the Bur (bhuroot) is the food of the people, all the Bajree of which there are traces of
	Churar*.....	4	6			
	Oobray-kee-Veehuree. .	5	7	4	W. by N.	
Carried over...		88	134	6		

* Huts.

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances Estimated.			Direction.	REMARKS.
		Koss.	Miles	Furlongs.		
Political Agent at Meerpoor.	Brought forward..	88	124	6		cultivation in many places the locusts have destroyed, and they in turn have been dried, ground to a flour and stored up for use. The Cologuintida-gourd and lemon grass abound in these sand hills, the former very large, (Indrawun.) To Gudra. The same undulating country, here and there a stiff sand ridge running N. and S. At Oobray, the road takes a more high ground direction, good and hard most of the way to Gudra; at 4m. 4f. and 3m. from Oobray are two fields full of small kutcha wells, each producing a small quantity of good water at 60 feet, this is carried on Donkeys to Gudra, which is a large collection of huts for this country; (Dauk to Balmeer and Omercote) water near the surface after a good monsoon but supplies small, encamping ground fine, 150 huts, 20 Buneeahs, also Rajpoots, Charuns, Brahmins &c. supplies plentiful.
	Ram Sing Gudra*.....	5	7	4		
	Eedkhan.....	4	6			
	Looploo Well*.....	3	4	4		Ht. of village, at 1 mile is a fine well, very deep, on road to Eedkhan, Hill, (dawk) several kutcha wells here, and tolerable water; descend a small ghaut, soft sand (repaired by the Gudra Baneeahs whose carts trade as far as Omercote with the Hs. for Ghee, and who are good guides) to the wells.
	Kitleearee.....	1	1	4		Looploo, huts scattered around on ridges, no supplies (dawk,) water in N. well is good, rest salt 40 feet deep, encamping ground low near wells, but good, Seroo Patel furnished a guide, difficult to find, the exactions of travellers have driven the villagers far off the road side.
	Julloreea.....	1	1	4		Pass Kitleearee, 1 good kutcha well, road side, huts 1m. right of road; at 1m. 4f. Julloreea, 4 kutcha wells, good water, deserted, houses all along the road, 1m. 4f. to Govindaree, left 3 kutcha wells Sikroh deserted, huts 4 furlongs to right, several good kutcha wells by road side, road heavy, country the same, small sand hillocks and valleys sprinkled with jungle, plenty of forage; Reweedalla huts 1 mile to right of wells, near which encamp, low to left of road and over the 1st sand hill, not much water, being dependant on rains, Jussa Thakoor procured guides; little cultivation, (Bajree.) dawk station, no supplies; To Kytar good road, but heavy sand at intervals, found the well dry (February.)
	Sikroh.....	3	4	4		Huts 2 furlongs to left, on sand hillocks; at 1m. 4f. past Kytar, 2 brackish wells, plenty of water, pass numerous deserted huts both sides of road and some cultivation, 3 miles past Kytar at a dry tank and large Kajjur trees turn off the road to right over 5 ridges to Chowtiar well, Dawk station a mile to N., water brackish, but the best between Omercote and last halt, striking into the road at 1m. are several kutcha wells to right, Enphorbia and Milk bush are now frequent, jungle the same, the Chachra road branches off near the last Dawk hut, 3 miles from Omercote, road and sand ridges now become rather stiff and cease at Omercote, an extensive plain stretches as far as the eye can reach towards Meerpoor. The town and fort are under the slope of the last ridge, the latter highest, S.W. of it 300 yards, and mentioned in a late survey, a contemptible place of brick 150 yards by 80, is of mud, very strong and 300 yards by 250, inside the gate, bastions and protected by a pukka brick outwork.
	Reweedalla.....	3	4	4		
	Kytar.....	6	9	0	W. S. W.	
	Chowtiar.....	4	6			
	Kudar.....	2	3			
	Hingalla.....	2	3			
	Omercote.....	3	4	4		
	Total.....		190	2		
	Add difference under-rated 20 per cent from Gurtah.....		22	6		
	Total.....	125	218	..		

From Guddra to Omerkote by this route is 48 miles, by Captain Jackson's measured route it is 60, there is no doubt that Captain Bellassis has much underrated all the distances on this route, and 20 per cent, or 2 miles in every 10 should be added.

J. HOLLAND, Major.
Actg. Qr. Mr. Genl. of the Army.

OMERCOTE TO DEESA (DIRECT.)

Compiled by Captain Bellasis, 9th Regiment N. I. in January and February 1844.

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances Estimated.			Direction.	REMARKS.
		Koss.	Miles.	Furlongs.		
Omercote Illager. Political Agent at Meerpoor.	Omermote.....					Commence a succession of rather heavy sand ridges and valleys, both sprinkled with Euphorbia and camel thorns, mimosa &c.; at 4m. 4f. pass a dry tank to left, and the hamlet of <i>Kijreecree</i> , to right 4m. one well of brackish water; at 6m. 2f. the Hill of <i>Behote</i> to the right and S. W. distant 3m. also <i>Karia</i> hill to the left 1m. 4f., brackish water from 1 well at each; at 6m. 4f. pass a high sand ridge to the right, distance 2 furlongs, and <i>Mooliar</i> hill 2m. to the left, jungle and grass thicker to a ravine which descend to <i>Nynechar well</i> , water brackish 120 feet deep, another well 4f. S. of it; The 3 houses are within a couple of furlongs distant, 4 Musulman families (Halipootrs) Patel, Hubeel, Bheels and Rubariess; 2m. to the left, the Hill of <i>Pooniar</i> , patches of cultivation in many of the valleys between the ridges which run N. & S. road heavy sand all this stage and over 17 sand ridges or hillocks, encamping ground low near the well.
	Nynechar*.....	8	12		S. E. . .	
	Mundoora.....	5	7	6		Pass <i>Uduka</i> Hill at 2m. 4f. to the left, 1 kutchra well of good water, pass <i>Mandoora</i> , right and at 1f. two salt wells & dry tank, pass <i>Hudya</i> hamlet 1m. 2f. to left, one well, <i>Katia</i> , Soda, Rajpoot and Bheel huts right of road, 2 wells one salt the other brackish, 125 feet deep, near the hamlet and kujur trees, <i>Umeer-kaHula</i> , hill 4m. 4f. to right, 1 well of good water <i>Metria</i> , Hill 1m. 4f. to left also 1 kutchra well,
	Katia.....	3	4	2	E. S. E.	
	Mitria *.....	1	1	4		
	Nowapoor.....	5	7	4		<i>Mitreea</i> en route is 1m. 4f. further; general direction of last march S. E.; country the same, cultivation less, Enphorbia disappears, nearly all the way heavy sand and over 25 ridges, the 9th a steep one; <i>Chilargurh</i> , one of the 7 desert strong holds (brick built) 24 miles to S. W. dismantled by the Balmeer detachment in 1843; <i>Mitreea</i> has 1 good well, 5 shops, encamping ground low near water. The road now becomes harder country more open, bare and flat; at 3m. and 1m. 4f. to right, <i>Poo-veecheera</i> huts good water. To left <i>Rutneear</i> , Hill distant 3m. 1 well, sand hillock again commenced at 6m. the 6th hill a stiff one, at 7m. 4f. a field full of kutchra wells, water brackish; at 12m. <i>Nowapoor</i> Hill belonging to Chachra, 40 huts and a new well sinking, 1 mile past huts on right; water was formerly brought from <i>Chachra</i> , 2m. 6f., to right <i>Huntul</i> H. at 12m. and <i>Sokroo</i> right, and <i>Mutura</i> hill left, on sand hill near road, jungle thicker and plenty of grass and camel forage, last monsoon having been good; (1844,) descend the 23rd ridge to Chachra, a large village. 160 huts, 54 Buneas, supplies &c., plentiful, good water, many wells, encamp N. of village near water, good ground and high; Thakoors are Soda Rajpoots, 3 of whom having been killed by misadventure by our troops after Kosiahs in March 1843, has caused much distress through the district, small bands of Serohies and Beloch are always committing petty depredations amongst the herdsmen and camels around; at 1m. 4f. from Chachra pass <i>Ladoonaree</i> ; left of road 2m. and a good well 4 furlong to right, at 3m. a number of kutchra wells in a field; at 4m. 4f. the Musulman huts <i>Mundoowa</i> , on sand ridge which avoid keeping to left, at 7m. 4f. <i>Dolindra</i> , hill 4 miles to right one good well, at 10m. 4f. <i>Bowree</i> huts Beloch and Rajpoot herdsmen in the middle of a large plain, the well is pretty good and 2 furlongs past huts, good encamping ground near it, 1 shop, but supplies scanty <i>Saringar</i> hill, 3m. to left; brackish well, 11 sand hills past this march, the 7th rather stiff ascent, road pretty good but much obstructed by bushes
	Sokroo.....	2	3	0	S. E. . . .	
	Chachra.....	2	3			From <i>Bowree</i> to <i>Koodee</i> , good hard road, route E. and E. N. E. to avoid sand hills keeping the huts <i>Rojara</i> 2m. to right; at 3 miles many wells kutchra, good water, at 5 miles <i>Heerar</i> , hut 4 miles to left of road, 1 well and water brackish, at 7 H. M. pass a sand ridge to 7m. 4f. well of koodee Ht. 225 feet deep water pretty good.
	Mundoora.....	3	4	4		
	Bowree*.....	4	6		E. S. E.	
	Koodee Wells*.....	7	10	3	E.	
	Shahgur fort.....			1		<i>Shah-gur Fort</i> , is close to well and hamlet, 6 huts Musulman and Bheel shepherds, the Fort and hut are in the middle of a naked sandy plain surrounded by low ridges, no supplies, Native officers party stationed here. Within a mile around are 6 pukka wells, good water in 3 of them, Pass <i>Koodee</i> , hut to right and at 3m. 4f. a large sand ridge to left, route E. S. E. good road to 10m. 4f. when 2 rather heavy ridges, passed <i>Owramar</i> well kutchra 120 feet deep good water, huts of Musulmen, Bheels and Rubarries with their herds, 15 huts, no supplies, encamp high near well, Sadig the head man furnishes what he can and guides, 3 sand hills passed.
	Owramar.....	8	12			
Carried over..		46	69	0		

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances Estimated.			Direction.	REMARKS.
		Koss.	Miles.	Furlongs.		
	Brought forward..	46	69	0		
	Chotul.....	4	6	0		From this to <i>Chotul</i> leave hamlet to right, a good well, at 4th mile a heavy sand hill, road otherwise very good, at 4 miles <i>Loonar</i> hamlet 6 miles to right, 1 well, and <i>Burnar</i> about same distant to left, good well, at 6 miles <i>Chotul</i> left, and the well right of road, good water; at 3 miles to right, hamlet of <i>Khurda</i> , 1 well, and on left 3m. <i>Dhooris</i> , deserted hamlet a well there; road is now heavy over several sand hillocks to <i>Hyakul</i> , a small Sciudee Musul men hamlet of herdsmen; <i>Jooglia</i> hamlet is 3m. to right, at 1m. past <i>Hyakul</i> a small dry tank to left; <i>Hathulo</i> hamlet, 20 huts of Musulman, Rubarees, no supplies at any of these hamlets since leaving <i>Chachra</i> , at 2 furlongs to right is the well 40 feet deep, a small supply of good water, <i>Booruwa</i> hamlet is 1m. 4f. to right, <i>Moorgawa</i> to left, distant 3m. from road, each has a good well, <i>Arti</i> hamlet 5 miles to left; 1 well, at this place the Kossia Chief Buri Khan, was taken by Balmeer detachment last March, and 40 of his band cut up (1843) eight sand ridges passed this march; height only been repopulated one month.
	Haykul.....	3	4	4		
	Hathulo.....	2	3	0		
Joudpoor.	Sohaggee.....	1	1	4	E. S. E.	To <i>Sohaggee</i> hamlet is 1m. 4f., good water, 20 houses, 1 shop, Jewia Patel a charun, guides from this to <i>Kijreearae</i> avoiding <i>Bakaseer</i> 4m. to right, <i>Kijreearae</i> being the direct route; road now turns east and very good all the march, passing at 6m. <i>Runiwar</i> hamlet to left, 1m; at 7m. 4f. <i>Gungaroo</i> heights 2m. to left; at 7m. 4f. <i>Beesee Beeheeree</i> , 1f. left; at 8m. 2f. <i>Rurwa</i> hamlet, 1m. 4f. left; at 10m. <i>Ranuyra</i> , deserted hamlet left, at <i>Geera</i> left 2m. distant, many wells; <i>Bundaree</i> ; right 1m. two wells, sand hills end; at 12m. 2f. the head of the <i>Runn</i> , hard sand, quite level and covered with fine grass, 2m. broad and passable at all times; <i>Kijreearae</i> 80 houses, 4 shops <i>Rajpoot</i> , <i>Brahmins</i> , <i>Buneeahs</i> &c. good water plenty, and near the surface, <i>Thakoor</i> , <i>Bunee Sing</i> , <i>Nolow Hill</i> bears S W. distant 30m. much cultivation; From this to right bank of <i>Looneer</i> , 1m. banks easy, bed hard sand, and 60 yards broad, quite dry. At 3m. further a dry tank and wells very little water; at 4m. 4f. <i>Boyeetra</i> , a large village 200 houses, 15 shops, water plentiful; <i>Thakoor</i> Jusa furnished guides.
	Bakaseer.....	2	3	0		
	Kijreearae*.....	6	9	0	E.	
Sachore.	Lonee River.....	1	1	0		At 4f. the <i>Sookree</i> river, 40 yards broad, good ford, hard sandy bed and dry at present, February, (at 3m. 4f. from hence pass <i>Dunaree</i> hamlet 3m. to right, <i>Bhatjee</i> about same to left, road straight and hard, through flat <i>Runn</i> , 1 are of trees but fine grass, a small patch of salt <i>Runn</i> near <i>Maytavie</i> ; hard road, and jungle again commences, the wells are 2f. east of <i>Maytavie</i> , very numerous and 40 feet deep, little brackish water, and require clearing; 2m. hamlet, <i>Joordiale</i> Hill has sweet water, road very good to <i>Jumrah</i> , low jungle thick at places, <i>Sunwar</i> belongs to <i>Wow</i> , a <i>Buneeah</i> Patel, 20 houses, 2 shops, good well; pass <i>Diel</i> hamlet 3m. left, at 3m. 4f.; at 6m. <i>Borol</i> , large village (under <i>Thuraud</i>) 80 houses, 4 shops, supplies, fine wells and trees, encamping ground good and high right of village, pass <i>Burodur</i> at 2m. to left; and at 4m. 4f. <i>Dhimah</i> , 2m. to right, the former water good, latter brackish; thence to <i>Jumra</i> , large village 60 houses, 3 shops, (under <i>Thuraud</i> , 7m. to right,) good wells and encamping ground, much cultivation and grass from <i>Sunwara</i> , from <i>Jumra</i> the <i>Thuraudree</i> becomes more cultivated, <i>Dhuneidra</i> , a place of pilgrimage is 5m; hamlet, <i>Itulay & Bahsur</i> , villages 2m. to right of road and <i>Dooddea</i> to the left, also <i>Munglor</i> same distance left; to <i>Jandee</i> 30 houses, 2 shops, 2 wells, 1 is brackish; thence at 1m. pass village of <i>Boodunpoora</i> 1m. to right, and at 2f. further <i>Booroo</i> , 3m. to right, 2 shops, and 2 wells; <i>Jahur</i> is a small village, 2 shops, at 1m. 4f.; <i>Baidla</i> 3m. to left, also <i>Goorwa</i> to the right, 2 shops and well, at 1m. 4f. to the right <i>Burgaum</i> , and <i>Boordoo</i> to the left, both small villages near <i>Kootegaum</i> en route, <i>Jauntay</i> a small Rubaree village, good water; pass <i>Thakoors</i> tombs to the left, leaving it; <i>Nanol</i> 20 houses, 1 shop and bad water, country now becomes undulating, jungle thin and little cultivation to the <i>Bunass</i> river; <i>Aboogur</i> , bears N. E. 55m; <i>Jasore</i> hills E. 30 miles.
	Boyeetra.....	3	2	4		
	Sookree river.....			4		
Rhadunpoor.	Maytavie.....	4	6	4		S. E.
	Sunwara.....	3	4	4		
	Borol.....	4	6	0		
	Jumra.....	3	4	4		
	Jandee.....	2	3	0		
Political Agent Pallunpoor.	Jahur.....	1	1	4		Jaidla 20 houses, 1 shop, well out of repair &c., water indifferent, Jaintra 5m. to right, 100 houses, 7 shops, good water; to <i>Lallpoora</i> , passing <i>Gunta</i> and <i>Julla</i> , 2 small villages to right of road, 1m. 4f. distance each on the left; at 1m. 4f. <i>Ahodur</i> , distant 1m. belonging to the <i>Rampoor</i> Gossaiens Inam; <i>Turwar</i> , a small village to left, <i>Koora</i> is small height, and good water, passing <i>Kootra</i> at 3m. to left of road, and <i>Kunee</i> to right, each 1m. distant from thence to <i>Jacole</i> , small village and good well, encamping ground near it large, high and good; 1 shop but few supplies;
	Kootegaum.....	1	1	4		
	Jauntay.....	1	1	4		
	Nanol.....	1	1	4		
	Jaidla.....	1	1	4		
	Lallpoora.....	3	4	4		
	Koora.....	3	4	4		
	Jacole.....	4	4	3		
	Carried over..	99	145	3		

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances Esti- mated.			Direction.	REMARKS.
		Koss.	Miles.	Furlongs.		
	Brought forward...	99	145	3		
	Wunora	2	3			Pass <i>Kunora</i> to left, at 2m 4f distant, about 1m., and <i>Ughula</i> to right at 6m, jungle thicker and higher this march, with little cultivation here and there; From <i>Jacole</i> to <i>Wunora</i> , and on to camp <i>Deesa</i> , the road continues very good to the river, <i>Rampoer</i> (luam village) is 2m., pass <i>Wunora</i> at 2m. to right.
	Duma	2	3			<i>Duma</i> , 80 houses, 3 shops, and good well.
	Shumsapoor	2	2			<i>Shumsapoor</i> , is a small hamlet, country open and bare, the sandy bed of the <i>Bunas river</i> is quite dry, ford good, and bank easy for guns, one mile broad; 4f. more to Post Office, Camp <i>Deesa</i> .
	Camp, <i>Deesa</i>	1	1	6		
	Total	106	158	1		
	Add difference under- rated 20 per cent. }		31	4		
	Corrected Total	106	189	5		

The above Route would make the distance from Hyderabad to *Deesa* as follows.

Hyderabad to Omercote

Omercote to *Deesa*

Total ..

But the estimated distances given by Captain Bellasis appear to be underrated about 20 per cent or 2 miles in 10.

APPENDIX.

To the Routes on the Thurr, compiled by Captain Bellasis, 9th Regt. N. I. in January and February 1842.

For the use of the detachments marching, the Provincial Koss which by careful comparison with all the measured lines

* This is underrated 1m. 6f. is 1m. 4f. * have been always inserted, the usual Guide money is thus ascertained; the wells are very deep, ropes for Puckhal camels should be 200 feet long, the supply of water throughout the desert is often scanty, and generally more or less brackish, (it is drunk mixed with buttermilk) yet with care it will suffice, few wells being dependant on the rains, the quantity is little subject to fluctuate; giving the men the first drawings, after them the cattle, dividing the camel Pukhalees with an extra man mounted behind each to the neighbouring good wells (herein noted); & lastly if the detachment is large, and when unavoidable, prohibiting the hamlet cattle for that day; camels will work in cool weather for 5 days without water, wells are often sweet till much drawn from, when they become brackish or (mola); no detachment stronger than 200 should take this route with followers &c at a time; double that number moved about during the last hot season, but their privations were great, and scurvy in some cases ensued, officers are recommended to carry their own supply of bottled water for tea &c.

Water.--The well men are satisfied with Commanding Officers certificate of detachment, bullocks or camels, mote being always required, stating number of public cattle &c. watered; Superintendents of districts making some small remission; the wells are very deep, ropes for Puckhal camels should be 200 feet long, the supply of water throughout the desert is often scanty, and generally more or less brackish, (it is drunk mixed with buttermilk) yet with care it will suffice, few wells being dependant on the rains, the quantity is little subject to fluctuate; giving the men the first drawings, after them the cattle, dividing the camel Pukhalees with an extra man mounted behind each to the neighbouring good wells (herein noted); & lastly if the detachment is large, and when unavoidable, prohibiting the hamlet cattle for that day; camels will work in cool weather for 5 days without water, wells are often sweet till much drawn from, when they become brackish or (mola); no detachment stronger than 200 should take this route with followers &c at a time; double that number moved about during the last hot season, but their privations were great, and scurvy in some cases ensued, officers are recommended to carry their own supply of bottled water for tea &c.

Forage.--Forage for camels is always and everywhere plentiful, no other carriage should ever be used, no rain had fallen of consequence for 3 years, and grass was often not procurable in 1843, and if so, unfit for horses, several died. This year it is abundant every where, though of a coarse description, Officers having valuable chargers should load a camel with their own supply (and water) before named, to mix with the desert *Khur*, this year the only produce save the camel thorn and neem trees spared by the locusts.

Supplies.--Grain, flour, coarse rice, goor and tobacco, are only to be had at Ghurra, Chotun, Gudra, Chachra, Islam and Chilar Cotes; but sheep, milk, ghee and the (burt seed of the bur, so common and annoying all over the desert) and used as substitute for bajree this year, can always be had.

Roads.--Are very heavy over some of the sand hillocks particularly near Omercote, but generally good during the rains, the grass falling over the paths (for they are nothing more) obliterates all traces of the route, and a halt till day light the consequence; some heavy gun waggons drawn by 16 pair of bullocks each, proceeded from Omercote towards Balmeer in February 1844, at the rate of 7 miles a day with difficulty, though camels have been tried to make easy and less expensive work of it; guides are very much averse to come forward, their services having been unremunerated, (before stated), the Rnbaree and Beloch hamlets are constantly shifted and deserted for pasturage for their large herds of Cows, Buffaloes, camels & Goats, (often Sheep) also for water, when the wells, always kutcha and level with the ground are, covered up, much information can be obtained from the Buneeahs ever on the move purchasing up the Ghee from hamlets, they have even in some instances repaired the road themselves.

(Signed) J. W. BELLASIS, Capt. 9th Regt. N. I.

J. HOLLAND, Major, Actg. Q. M. Genl. of the Army.

ROUTE FROM KOTREE NEAR HYDERABAD TO SEHWAN.

Measured with Perambulator in Feb. 1839 by the Head Draftsman of the Qr. Mr. General's Office.

Civil district & Poll. Authority.	STAGES.	Distances.		Stages.		REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
	Kotree, (north end of,) to } Cawnpoor on left	1	5½			Road good, after 1½ mile on the river bank.
	Ismael Puttan.....	1	6			A fine top of trees on right between the road and river, some buildings and a garden of the Ameers.
	Powar-Gote on right.....	1	6½			River about 7 furlongs on right.
	Laloo Meerjut on left.....		2½			Cross a nulla between and another at Laloo, sand very heavy.
	Rajurrah-Gote, come on,.....		3½			Road broken, sand banks in parts, deep and confined by four feet bushes.
	River bank, again.....	2	1½			This distance over a low level plain of Rice fields.
	Bada.....	1	1½	9	2½	A large village, road good along river bank, fine open space before reaching it, for encamping.
	Shikarpoor, a Syud's Gote..	1	2½			
	A ditch and some broken } ground.....		4½			Open level country.
	Some broken ground.....		6			The last 2 furlongs, deep sand.
	Rising ground.....		7½			This distance over an elevated stony plain, the stones are smooth pebbles generally small.
	Meer Sobdar's Shi-Kargah } on right ½ koss.....		1			Road good over hard sandy plain.
	Shikargah 4 furlongs on right		5			Barren plain all round, road good.
	Shikargah Edge of.....	1	1½			The last distance a succession of ascents and descents among some low hills stony, but road tolerable, passable for carriages.
	Peer Ukra-Gote	1	6½			A few scattered huts and Peer's place and graves, road gravelly but good; the Shikargah terminates here, and after a short interval, where the river is 1 mile off Meer Mahomed's Shikargah commences, road runs along its fence some short distance.
	Manjae-Gote on right 4 fur- } longs, Peer Ukra, nulla dry }	1	5½			River 2 furlongs beyond it.
	Musjeed and Peer on a hill } on left.....	1				Road winds along the bottom of these hills, and to Oonderpoor, crosses a low marshy plain now hard and confined by stunted bushes.
	Nulla.....		½			
	Ditch deep and narrow.....		4			
	Oonderpoor.....		6½	11	2½	Oonderpoor, is a large village on the bank of the river, which has high banks here, a horse can only go down at Dadoo Mogul ¼ a mile South, or at the village ¼ a mile North of Oonderpoor, fine encamping ground, forage seems scarce.
	Cross a ditch.....	1	4½			
	Shora Boodnapoor.....	1	1½			Small village about 20 huts, a nulla is crossed at it and another a little beyond. The road which to this is excellent now becomes sandy and winding between the cultivation and Shikargah on right.
	Koraejae-na-Gote.....	3	5			This is a large place and the river close by. The road, this last distance winding among the trees of the Shikargah, very deep, light dust in most places.
	Beah.....		4½			This is also a large place, fine trees, and much cultivated ground, some rough cultivation, banks, a deep ditch between the two villages, the road runs through its Bazar and a furlong further come on the river bank.
	Kanoteh-jo-Gote.....	1				This is also a large village with much cultivation.
	Gangreh-Gote.....		4½			A small village, a ditch and some rough road, afterwards good,
	Cross a deep ditch.....		1			
	Carried over..	29	2			

Civil district & Poll. Authority.	STAGES.	Distances.		Stages.		REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
	Brought forward..	29	2			
	Cross two large di tches 100 } yards apart..... }	1	3			
	Large ditch 15 yards wide..	1	2½			This is very rugged, the ground about 10 yards in front low marsh, now hard and rugged.
	Kassye Gopang.....		3½	11	5½	This is a large village on the bank of the river.
	Gopang.....		3½			A smaller village, with much cultivation.
	Rajree on right.....		7½			A small village in the Shikargah, and some cultivation.
	Old Rajree deserted.....	1	6			
	Two or three nullas within } 100 yards of each other.. }	3	7½			
	Tureez Mool on left.....		6			A small village. The Shikargah continues on right all the way from Rajree to this.
	Halan Syuds on right.....		6½			
	Majinda.....		6½	9	3½	This is a large place with an extensive baazar, on a standing branch of the Indus, which is 2 miles on, right good water, the plain is entirely without vegetation, slightly uneven and very dusty near the road which is a good for guns all the way.
	Ootorah-Gote and Peer.....	1	3½			Ootorah is a small village, cross a ditch in the first ¼ mile.
	Kachee.....	1	½			This is a pretty large place, partly belonging to Meer Nusseer, and part to Meer Sobdar, whose territory then continues all the way to Sun.
	Lakaw-Gote.....	1	2½			A large village on left, there are some sandy Hillocks before rea- ching it about 200 yards, and bushes, otherwise the road is very good and continues so to Lalloo.
	Lalloo-Gote.....	1	1½			A small village.
	Faqueer Mahomed's-Gote....	1	1			A small Faqueer's place, a little N. E. of it where there is a wet nulla dammed up at the road, the country as far as Lakaw, on the left side is a barren waste to the hills, but on the right it is a continuation of green cultivation and low green bushes, Lye.
	Noorpoor.....	1	½			Noorpoor is a middling village with many fine trees, and a pukka well, and wet nulla. The fort is old and not inhabited but entire.
	Syud Bakul Shaw.....	2	1½			A middling sized village with extensive cultivation, which continues in the bed and E. bank of the standing river all the way to Sun.
	Chota or Nawa Sun.....		5			This is a small village.
	Sun or Sen.....	1	6	11	6	This is a large place about half the size of Majinda, but appears to be poorer and its Bazar much inferior. From the tree in the front or East of the town up the bed of the dry river is heavy sand.
	Hashim Chicker small village	2	4½			This territory belongs to Meer Noor Mahomed, after crossing the dry river, which comes from the hills, the road becomes good shortly after leaving the river bed.
	Meershawudda on right.....		7			
	Purobera on right.....		5			These are pretty large villages with much green cultivation.
	Gancha on left.....		4½			A small village on left.
	Dehra Khan Guncha.....	1	2½			Large village with much green cultivation.
	Mahir Chir.....	1	7			Small Ditto Ditto.
	Burra Chicher.....	1	2½			This is a good looking and apparently thriving place, with a large white Musjeed, Peer and tombs in its front, with much cultivated ground, good encamping ground, and a good bank in front for watering, the road is very good until beyond this village, where some sand hil- locks occur a short distance, and for about a mile the sand is rather deep, but pretty level and open.
	Carried over..	62	5½			

Civil district & Poll. Authority.	STAGES.	Distances.		Stages.		REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
	Brought forward..	62	5½			
	Amree.....	3		12	1	Amree is small and appears to be rather a poor village, yet there is a great quantity of green cultivation near it, there is a small hill about 50 feet high on its North side from whence an immense quantity of green cultivation is seen in the dry bed of the river at a bend beyond it, running a great way to the N. W. from the river.
	Lonara on right.....	3	2		4	or 5 Huts of cultivators, the road runs along the standing river, the main river is said to have run this way some time ago, and does now in the monsoons. The road is good. The pukka or high road runs off to the left a little at ¼ mile.
	Tittee on left.....	1	6			On an eminence, a Mosque and large square building, but a few houses besides.
	Powhur on left.....	2	3			A large collection of thatched houses, but a permanent village.
	Abad.....		5½			A scattered village of the same description as Powhur.
	Bajoorah.....	1	1½			The road winding along the bank of the standing water, and fields, requiring a little opening, there is a good deal of grass about this water, where the Ameer's Sepoys and Jemadar stop.
	Enclosure on right....	1	2			
	Lukkah.....		4½	11	½	The Hakeem of the town is a Syud, and is distinct or independent of the Jemadar, the camp is pretty clear and clean ground at Lukkah across from the enclosure to the town, and Southward from the water along the high road.
	Techewan.....	1	½	..		A small and poor looking village. The high road turns off a little beyond, and going by it would avoid some bad road at Batchaw.
	Batchaw.....	1	2			Such another village as the above, a ditch is crossed to it, which runs along its right, and is very uneven. Road good.
	Kotanga.....	2	½			A small poor village, crossing over the fields to the main road, from Batchaw to avoid some uneven ground which appears in front.
						This is an encampment for people going over the Pass to Sehwan, road good.
	Old Chokee on left.....	1				A little beyond this at the turn, the hill stands nearly perpendicular over the road, which is confined by the little hill on its right.
	Pass commences.....	1	2			* It narrows to the river bank for upwards of 200 yards before the ascent commences, to 7 feet in some places, composed on either side of blocks of stone nearly 2 feet square some of them, and in two places for a short distance, ledges of rock lie on the inner side so as to raise it above the other nearly two feet. The main river running deep and rapid close in on the right.
	To the top.....	3				The two sharp turns at the bottom would require widening, some more parts slope side-ways, from the direction of shelving rock and one brow of solid rock 10 paces would render it dangerous for the horses with guns, unless assisted by a strong party with drag-ropes. The ascents altogether, including some easy parts make a total of about 200 paces. The laden camels came up easily.
	About 80 or 90 feet high.					
	Descent to the plain.....	2	½			The descent is rough in some places, but slopes along the side of a hill more gradual, and is comparatively easy.
	Kottai.....	1	3			This is the only place where a good camp can be found all the way to the city. The road after descending runs in the bed of a dry river a short distance which is heavy sand, the road is sandy all the way to the town, in a few places heavy.
	Sehwan.....	2	5	13	½	A large town or city at the junction of the Arrul river with the Indus. The Munchur lake from which the Arrul comes is about 8 miles to the Westward, supplies abundant.
	Total.....	89	6½			
						NEIL CAMPBELL, Lieut. Col.

NEIL CAMPBELL, Lieut. Col.
Qr. Mr. Genl. of the Army.

* The field Artillery passed over this road in the beginning of 1839, but it was reported as impassable for any description of Troops in September of the same year, the river having washed it away.

ROUTE FROM SEHWAN TO LARKHANA.
Measured with Perambulator, by the Head Draftsman of the Qr. Mr. Genl. Office, in February 1839.

Civil district & Poll. Authority.	STAGES.	Distances.		Stages.		REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
SEHWAN.						
	Cross Arrul river.....		4			The road runs through Kurmpoor, and is good with the exception of some few parts of deep sand; in parts, and in particular for 3 furlongs runs along the bed of a broad ditch, heavy in sand.
	Kurmpoor.....	2	4			
	Cross a wet ditch.....	1	2½			This is narrow (2 feet) but runs into a large wet ditch on the left, from the standing river which runs along on the left about 2 furlongs off; from 3 furlongs beyond Kurmpoor, the last distance over a low grassy plain, not much above the level of the water, road good, many stumps of cut bushes occur here, from one to two feet high, near the road amongst the high grass.
	A road to Turitee to the left } along the standing river } or Lake.....		3½			This appears to be more direct, but for a little way which was examined, not so open, following it 2 furlongs the water appears all along to the front and the country beyond for 2 miles with several villages on or near its banks.
	Halipootra.....		7½			A village on right among high trees, the country appears level but very bushy beyond it towards the river.
	Neukur & Meanee.....		5			A small village, Meanee is a village of Fishermen near the water.
	Turitee or Turotee one half } mile on left....		1½			A large village, much cultivation appears from Halipootra and on to the left for a great distance beyond Turitee, encamp near the lake which is two or three miles in length and good water.
	Bullalpoor on right.....	2	1			A large village, from 30 to 40 Shops. The last distance over a level open plain, damp in some places from the late rain; encampment in front of Turritee, or at Bullalpoor, good and open.
	North corner of Town.....		1			
	Bullalpoor.....	2	4½	8	2½	A large village on the bank of a standing branch of the Indus.
	Rawdan on left 4 furlongs....					Three or four villages on the left, road good, excepting at the ditches, much green cultivation.
	Bubria on left.....		7½			A small village, several villages on the right and left of cultivators, and much cultivation, two ditches require labor for carriages.
	Hiddaw Gote left.....		7½			A small village, road over some rough irrigation banks and cultivation ground, dusty in parts.
	Syud Talib.....	1				A small village of cultivators, Ameenana and Noorja on the left to which a road turns off before reaching this village, which appear to be large places, and the main or high road to Dadoo (where water is said to be scarce) runs beyond them, these places have pukka wells.
	Rindan on right.....	1	4			A large scattered village, some fine trees.
	Nawrila-jo-Gote.....	1				Small, a village of cultivators, the road comes straight on from Rindan, but perhaps the line outside over the fields would save labor for carriages.
	Powar Gote.....		3½			A small village, much cultivation, and irrigation from this nulla though apparently small.
	Jullaw Gote.....		5½			A middling village, Chotta Churnaut on its left, and Bumbeya in front, both close on the apparent monsoon bank of the main river, which is now distant 1½ miles.
	Jullow Gote.....					
	Koorania.....	4	1	9	½	Good camp and water from standing nulla, the river is 1½ mile off on right, the road is across a large ditch with easy slope and some rough ground before reaching Koorania.
	Through a bushy plain but } open, to the open plain one } mile east of Dadoo.....	2	3			This is very good road over a short turfy grass with patches of cultivation.
	Seal-jo-Gote.....	2	1½			Along the hedge which divides the green from the dry cultivation ground.
	Moondra.....	2	6½	11	4	Moondra is a large place, the water in the nulla, and the wells of the town with care would be sufficient, the camp is good.
	Moondra....					Some report the river 2 koss and some ½.
	Sheerdas on left.....	1	7			Cultivators, and considerable cultivated open ground, Lassaree and Chandia are pointed out to the left and the high road beyond or near them, but water is there scarce.
	Davouch on right.....		6			
	Tawrah on right.....		5			
	Carried over..	32	1			

Civil district & Poll. Authority.	STAGES.	Distance.		Stages.		REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
	Brought forward....	32	1			
	Puttehpoor on left.....	1	1½			Some rough ground, over cultivation banks, and to the ditches.
	Chotta Lassaree.....		3½			
	Poranadera on right.....	1	3½			A large village and much green cultivation towards the river which now appears, i. e. its opposite high bank all along on the right, a fine open plain behind Poranadera.
	Rokun.....		3	6	4½	A large place on the bank of the river, bank which is here from 15 to 20 feet high, but low opposite the wand before reaching Rokun, where there is considerable green cultivation.*
	Boating or landing place.....		6½			
	Bappa.....	1	3½			Small cultivating village, the road is close along the bank bushy but good.
	Chandia.....		5½			} Cultivators and some cultivation.
	Nunwarry.....	1	4½			
	Tewnan.....	2				
	Shikaree and Powar.....	1	6			Much green cultivation commences, irrigated from the standing river by a ditch to this.
	Chotta Gulloo.....	1	5			This appears to be the best place for a camp, as the country appears more bushy beyond Gulloo; Chotta Gulloo is on the bank of the river, the ground is good, but a good many Kurree bushes on it, also the road the last ½ mile is rather uneven from irrigation ditches.
	Gulloo Gote.....		5	10	4	A middling village, and Raja Gote on its right.
	Gulloo Gote.....					From the camp at Chotta Gulloo, the road has just been made all the way to near Meraub Lukie by the villagers.
	Chotta Seeta on left.....	1	3			A small village on the bank of the river.
	Seeta on right.....	1	7½			A large place pukka built.
	Nareh on left.....	4	5½			A large place pukka built.
	Daderah on right.....	1	2½			A large village.
	Wujut Churanam left.....		7½			The road to Peer Punjab runs off to the left here, the new road is cut through a thicket and runs across the cultivated fields in a direct line avoiding the village.
	Peer Punjab on left.....	1	1			A large good looking town, 3 furlongs on left.
	Agra on right.....	2	½			A small village.
	Meraub Lukia.....	1	4½			The road is made to within a mile of Meraub Lukia, when a nulla occurs and afterwards the cultivation banks near the camp.
	To the bank of the standing } river, a point 7 furlongs } East of Meraub Lukia.. }		6½	15	6½	Nouadera a large village near the main river is stated to be 1½ coss South of this point.
	Mahomed Ali.....	2	1			The made road commences here.
	Dheria Gote or Sooe.....	3	1			} The road turns off from the river here. Chunna is on a branch of the river.
	Chunna.....		5	5	7	
	Vear.....	1	6			A large village, the present road from Vear is very narrow, and confined by the cultivation hedges along the bank of a nulla for the first 5 furlongs.
	Chukra on right.....	3	1	4	7	A middling village.
	Futti poor }.....	1	5			A large village with standing water.
	Dublee } on right.....		3			The road is cleared to 3 furlongs beyond this.
	Shaik on right.....	1	7			The road is narrow and confined for guns in some places.
	Through the Jungle to Cultivated fields.....	4				Road through the jungle is in general good, some rough ground after leaving it in the clayey tracked ground of the nulla, and for 100 yards between the fields, a track on the middle of the road being deep and narrow.
	Carried over..	80	4			

* N. B. In February 1840, it was ascertained that from the time this route was surveyed in February 1839. Rokun had been shifted 1½ mil. to the northward on account of the encroachment of the river on its former site.

Civil district & Poll. Authority.	STAGES.	Distances.		Stages.		REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
	Brought forward..	80	4			
	Hussainwah....	1	3	9	2	A moderate village on the bank of a standing river, very little clear ground for encamping.
	Darragote.....	1	2			The first 6 furlongs of road confined in parts and slightly uneven.
	Bagae Gote.....		5½			These are small villages of from 5, 6 to 10 or 12 huts, the road through the jungle is very good and open.
	Dunweellee.....	2	1½			
	Areejaw.....	1	6			A large village, after coming through the jungle.
	Buckranee.....	2	4			A middling village near the Narrah river, the road from Areejaw is over cultivated fields, now vacant.
	To the Ferry of the Narrah } river..... }		2	8	5	The point at the Ferry, and a large tree 2 furlongs from the village, the river commenced to flow from the rising of the Indus on the 27th February 1839.
	To the ford opposite Toonia } Hashem..... }	1	4			The ford, standing from the tree on the S. side 2 furlongs beyond Toonia, to within one furlong back again to Toonia, it was forded on the 28th February 1839, and found 4 feet deep at this place.
	Toonia Hashem.....		6			
	To where the made road } runs off to the right..... }		5			The usual route was followed as it was reported good and shorter than the other.
	Mahomed Amroo.....	1	3½			A small village, the road is good over a level waste field, some vacant cultivation, and along the bed of a ditch, the banks of the ditches would be an obstacle to carriages only.
	Booguie.....		6			A small village.
	Bukapoor.....	1	2½			A large village, and deserted fort, the road is good at these villages.
	Larkhana Fort.....	1	7½			The ground along the left of the fort, is good for encamping and has many wells on each side.
	To the encamping ground } north of the city..... }	1		9	2½	Crossing a large canal about 40 yards broad, now dry, excepting a pool near the eastern extremity of the town, it is reported unfit for cattle to drink on account of the quantity of dye from colored clothes washed there by dyers.
	Total....	99	6½			

NIEL CAMPBELL, Lieut Col.
Qr. Mr. General of the Army.

The above was the route followed by the army in February 1839, though the usual route runs direct from Rokun to Nareh, on a branch of the Indus, and thence to Neera, about 10 miles on the bank of the Narrah river, and keeps along its west bank to Meraubpoor, about 12 miles from Larkana; this line had been cleared all the way in 1838, for the march of the Scindian Artillery from Larkana, towards Hyderabad, see route from Sukkur to Sehwan direct.

E. P. DELHOSTE, Capt.
Actg. Qr. Mr. Genl. of the Army.

ROUTE FROM SUKKUR TO SEHWAN,
Completed from the surveys of 1839 and 1840, and progress reports of corps.

Civil district & Poll. Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
British Government of Scinde.	CAMP SUKKUR.			
	Bangudjee.....	10		In this march, pass 4 dry nullahs, road a footpath, but good through thin jungle, 10 houses and 1 shop, water from the Indus, and encamping ground on the bank of it, plenty of forage for camels and kirby for horses.
	Shaleanee.....	8	2	Pass 8 dry nullahs in this march, road a footpath through thin jungle, leading along the bank of the river, 20 houses and 4 shops, encamping ground on the bank of the Indus, plenty of forage for camels and kirby for horses.
	Muddehjee.....	9	5	Pass 7 dry nullahs in this march, road a footpath through thin jungle, leaving the river at about 3 miles from the last stage, about 150 houses and 20 shops, water from 6 pukka wells, supplies plentiful, encamping ground on the S. W. of the village. Forage for camels and kirby for horses.
	Nowaderah.....	9	4	In this march pass 7 dry nullahs, road a footpath through jungle. About 100 houses, 8 or 10 shops, water from 4 or 5 pukka wells. The river is about 3 miles from this place, supplies plenty, encamping ground on the N. W. of the village, forage for camels and kirby for horses.
	Larkana.....	12	3	Cross 9 nullahs in this march, road good, through thick jungle. Larkhana is a large town with abundance of supplies.
	Meerabpoor.....	11	2	A village on the right bank of the Narra river, of about 35 houses, good water, and supplies abundant from this and the surrounding villages near it, country cultivated.
	Gangurka.....	11	4	A village of about 20 houses on right bank of the Narra river, encamp among, low jungle and Jowassees bushes with patches of cultivation, intersected with canals, supplies abundant.
	Neeree.....	11		A village of about 30 houses, on the left bank of the Narra river, which is crossed here, the road made by the Sindians in 1839, when their army and guns marched from Larkana to Hyderabad, country tamarisk jungle and patches of cultivation intersected with canals, supplies abundant.
	Seeta.....	12		A large pukka built village on the bank of the Indus. Pass the village of Nareh where the Indus is first met with, at 8½ miles, good encamping ground close to the river, supplies plentiful.
	Rokun.....	12	4	A large village on the bank of the river, this village had been shifted on account of the encroachment of the river, 1½ miles to the Northward from the time of the advance of the Army in 1839, to the return of the Troops in 1840.
	Dadoo.....	14		A large village, water from wells good and abundant, pass Moondra a moderate village at 8½ miles, supplies plentiful at Dadoo.
	Turtee.....	16		A large village near a lake of several miles in extent, of good water, much cultivation and several villages. The road from Dadoo is in general through a cultivated country passing several villages, Babria Sooltan at 10 miles, Bullalpoor is passed on left at 13½ miles, a large village, with standing water from the Indus river.
	Cross the Narra River called the Arral here to.			
	Sehwan.....	6	4	By the ferry: The ford is 1½ miles to the westward, at Meeanee village. The water at the ferry is not deep, but the bottom is unsafe, and cattle should not be allowed to cross except at the Meeanee ford where a passage has been made
	• Or by the ford about 10 miles.			
	The river is called the Arral from its efflux from the Munchur lake.			
Total.....		144	4	The 4th Light Dragoons marched this route in 1840, and the Field Brigade under Lieut. Col. Roberts in May 1843.

(Signed) J. HOLLAND, Major.
 Acty. Qr. Mr. Genl.

Qr. Mr. General's Office,
 Bombay 29th February 1844.

ROUTE FROM LARKHANA TO SEHWAN,

Following all the bendings of the Narra and Arrul river and round the Munchur Lake, in Dec. 1839, & Jan. 1840, by 2nd Guides Humuntoo and Rama Bappoo, of the Quarter Master General's Department.

Qr. Mr. Genl's Office, Camp Sehwan 29th Jan. 1840.

Civil district & Poll. Authority.	Bearings.	NAMES OF PLACES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
British Government of Scinde.		LARKHANA.							
	S. 10 W.	Buckranee.....			9	7			
		Aprojo Alikangote.....		4					12 Houses on the right bank of the river.
	S. 55 W.	Koondee.....		4					10 do..... left.
		Larree.....		3					10 do..... do.
		Punjadera.....		2					8 do..... do.
	N. 35 W.			3					
	S. 10 W.	Pittaw Gote.....		6					10 Houses on the right bank, and Mota Toollee 2 furlongs further.
		Toollee.....		1			Water from wells dug in the dry bed of the river.		20 right.
		Mungan.....		2					10 do.
		Meetla and Shikaree.....		3					22 One on the right and one on left bank,
		Beeja Fukeer.....		2					10 do.
	S. 70 W.			3					Butchal Shaw Syud 4 furlongs on left S. 10 E.
		Bukehderah.....		2					10 Houses on the right bank.
		Booda Jittooe.....		6					10 do..... do.
	S. 80 W.	Shersudde ka.....		1					10 do..... left.
		Yeakedera.....		4					15 do..... do.
		Mehrapoor.....		1	5	7			
	S. 30 W.			2					
		Kokur... 15 houses.....		3					
		Jittooe... 10 Ditto.....		5					
	S. 10 E.	Chitka... 20 Ditto.....		1	1	3			
		Jeysurra.....		2					35 Houses on the right. The route from Larkhana to Sehwan comes in here, running along the right bank by a good road as far as Neeree when it crosses the Narra & runs across about 6 miles to Narch on a bank of the Indus, from whence a good open road is cut through the jungle to Rokun, after which the country is open.
		Mehttlun.....		2					20 Houses on the bank of the river
	S. 55 E.	Boodhajewa.....		2					10 do..... do.
		Neal.....		3					12 do..... do.
	S. 30 E.	Torjewan & Soon.....		3			Fine pieces of standing water along the river bed		7 do..... do.
	S. 30 W.	Wookur & Chunna.....		6					15 do..... do.
		Talpoor.....		3					18 do..... do.
	N. 55 W.			2					10 do..... on the right bank.
		Chunna.....		3					8 do..... left.
		Carried over..	10	4					

Civil district & Poll. Authority.	Bearings.	NAMES OF PLACES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
British Government of Scinde.		Brought forward..	10	4					
		Talpoor.....		1					12 Houses on the bank of the river.
	S. 50 W.			4					
	N. 85 W.	Dehjurwar.....		4					8 do..... right.
	S. 80 W.			2					
		Dera & Dookree....		2					17 do..... one Dera on left and Dookree on right.
	S. 20 E.	Dookree.....		3	5	2			10 do..... do....do.
	S. 10 E.			4					
		Sangroo.....		3					10 do..... left.
		Jooneja & Kokur.....		4					20 do..... one on each bank.
		Apurpata.....		4					20 do..... right.
	S. 10 W.			2					
		Bugea & Watawal....	1	3	3	4			80 do..... on each bank.
	S. 15 E.			3					
	S. 30 E.			2					
	S. 10 W.			5					
		Moola.....		1					20 do..... left.
		Beenaree & Tusra....		4	1	7			80 do..... on each bank.
	N. 40 W.	Gullona.....		2					20 do..... on the left bank.
		Thusra.....		2					15 do..... right.
	S. 10 E.			3					
		Perona Tusra.....		1					10 do..... do.
	S. 75 E.			3					
		Leemaez Gote.....		5					12 do..... left.
	S. 15 E.			4					
		Baradee Gote.....		3	2	7			10 do..... right.
	N. 80 E.			1					
	S. 45 W.			5					
		Sooree.....		3					10 do..... left.
	S. 80 W.			1					
		Boota.....		2					10 do..... do.
	S. 60 W.			6					10 do..... do.
		Gungurka.....		1	2	3			20 do..... right.
		Wasna.....		4					6 do..... left.
		Jeykear.....		3					10 do..... right.
	S. 60 E.			4					
		Dupka Gote.....		6					8 do..... left.
		Kallorah & Jeytea....		2					18 Houses on left and one on right
	S. 80 W.	Tatree.....		2					20 do..... left.
		Carried over..	24	6					

Fine pieces of standing water along the river bed

The route followed on the left bank is a footpath from village to village through Tamarisk jungle and much cultivation, the road to Sehwan running along the Rt. bank. It was cleared and levelled in 1839 for the Scindian army.

Large quantities of standing water in the river bed.

Civil district & Poll. Authority.	Bearings.	NAMES OF PLACES.	Distances.		Stages.		Water.	Road.	REMARKS.		
			Miles.	Furlongs.	Miles.	Furlongs.					
British Government of Scinde.		Brought forward..	24	6							
	S. 35 W.	Mahboo.....		4	}		The high road to Sehwan runs by the villages on the right bank; that on the left is only a foot-path. The high road was cleared and levelled in 1839 for the Scindian army.	12 Houses on right.			
		Butchoo Jeeteal....		3				4 do..... do.			
		Jeeteal.....		3				15 do..... on both banks.			
	S. 25 W.	Gaddee.....		4				15 do..... do.			
		Jeyjur.....	1					10 do..... right.			
	S. 70 W.			3				Tuggur, a large place 4 miles on the East.			
		Chungunka.....		5				8 Houses on bank.			
	S. 75 W.	Kaboola.....	1					7	3	40 do.	
	S. 30 W.	Sampta.....		2				}		Large pieces of standing water with a small stream running between them which first becomes perceptible here.	8 do.
		Fukeer.....		4							4 do.
		Seehur.....		1							12 do.
		Seehur.....		3							8 do.
	N. 70 E.			3							
		Seehur.....		2	6 do.						
	S. 60 W.	Seehur Ali Khan.....		6	10 do..... right.						
	S. 25 E.			4							
	West.			6							
	South.			4							
	S. 45 W.			2							
	S. 80 W.	Kallorah.....		5			60 Houses on left bank.				
	S. 55 E.	Surgana.....		6			10 do..... right.				
	S. 45 W.			7	}		Large pieces of standing water with a small stream running between them which first becomes perceptible here.				
		Upsanee.....		2				10 do..... left.			
		Dufeer ..		4				4 do..... do.			
	S. 20 W.	Yaroo.....		3				20 do..... do.			
	N. 20 W.	Neeree.....	1	3				30 do..... do. this is the place where the made road crosses the river, running from hence S. E. to Nareh on a branch of the Indus about 8 miles from this.			
West.	Rawdan.....		7						Rawdan is a large village of about 100 houses, on the left bank of the river.		
S. 85 W.		1									
S. 70 W.	Turtee.....	1	2						Boats plying here as the water continues deep for several miles.		
	Carried over..	42	0							400 Houses situated on both banks.	

Civil district & Poll. Authority.	Bearings.	STAGES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
British Government of Scinde.		Brought forward..	42	0					
		Golinda.....		3					10 Houses on the right bank.
	S. 10 E.			1					
		Kullora.....		4					20 do..... do.
		Kokur.....		7					20 do..... left.
	N. 75 W.			1					
	S. 75 W.	Meeto Jeeteal.....		3					3 do..... right.
		Jeeteal.....		2					25 houses 4 Shops left.
		Boota.....		3					60 do..... right.
		Jeeteal.....		1					20 do..... left.
	S. 25 W.			3					
		Khandehr.....		6					10 do..... do.
	S. 15 W.			5				A footpath from village to village along the left bank of the river.	Oopree bearing No. 90 W. 1 mile.
		Puttaejee & Bate.....		3					10 Houses and Bate, 20 on op- posite banks of the river.
		Foolka Gote.....		4				Plenty of water in standing pools with al- ternate dry parts. The Natives state there is less water in the river this year (1840) than usual..	20 do..... on left bank.
	S. 15 E.	Babra.....		4					30 do..... do.
	South ..		1						Naree gote S. 55 E. one mile off.
	S. 70 W.	Boota & Matchee....		5	7	7			50 Houses on left and Matchee 20 on right.
	West. ...		1	3					A large nulla runs off on left called Kundun. Nulla on each side of which there are two villages, Ludda and Mundee on left, and Mulik and Muluk on right.
				2					
	S. 75 W.		1	1					
	West. ...	Sedea & Garee.....		7					40 Houses and 30, one on each bank.
		Oomadera.....		3					15 do..... on right bank.
		Taebo.....		3					50 do..... left.
		Larea.....		3					4 do..... right.
	S. 50 W.			5					Kambayut and Baug 1 mile and 6 furlongs N. 10 W. and N. 25 W.
		Sujoora.....		1					10 Houses on the left bank of the river.
		Dobee.....		3					25 do..... right.
	S. 75 W.			2					
		Tulla.....		1					10 do..... left.
		Gageeshaw Bukaree...		6					10 do..... right.
	N. 50 W.	Dera.....		2					10 do..... left.
		Mukshee.....		2					15 do..... right.
	N. 40 W.			1					
		Chummun.....		2					25 do. on the left bank of the river
	N. 10 W.	Mungasa.....		1					10 do..... right.
		Carried over..	57	7					

Civil district & Poll. Authority.	Bearings.	STAGES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
British Government of Scinde.		Brought over..	57	7					
	S. 80 W.	Karolochee....		4					200 Houses on the right bank of the river.
	S. 85 W.	Jaeree Butchealshy } & Supree.... }		3					20 do.. on each side of the river.
	S. 40 W.	Abdoolrahim.....		6					10 do.. on the right bank.
	South.	Rawut Khan-ka-Lagaree.....	1						
		Dufeer.....		4			Water in standing pools from $\frac{1}{2}$ to $1\frac{1}{2}$ miles in length with banks of dry sand between	Road a narrow footpath winding amongst cultivation and much jungle.	30 do.. on both sides of the river.
	S. 10 W.			7					
		Futteh Khan....		2					50 do..... right.
	S. 85 W.	Khyrpoor.....		5					A large place miles on left S. 30 E.
		Keyroja Gote....		3					20 Houses on the right bank.
	S. 25 E.	Mahda.....		6					10 do..... do.
		Meerasun-Garee.....		1					150 do..... on left.
	S. 85 W.			2					
		Sobawarrie.....		2					40 do..... on both banks.
		Futti poor.....		2					4 do..... left.
		Bugeadera.....		5					10 do..... do.
	West.			1					
	S. 85 W.	Chunesur.....		5					8 do..... do.
		Wumlo & Alungaddee....		2					8 do..... and 10 left and right.
		Goja.....		7					50 do..... right.
		Mugur.....		2					10 do..... left.
	S. 85 E.	Belooche Lugaree.....		6					15 do..... right.
		Shikaree.....		3					5 do..... do.
	S. 10 E.	Ludana.....	1	1					30 do..... left.
	S. 20 W.	Moosa-ke-was....	1						5 do..... do.
		Garamaenee.....	1						20 do..... right.
	N. 80 W.			1	3				
	S. 20 W.	Mudeesa.....		4					20 do..... right and left.
	S. 20 E.			7					
	South.	Ali Buksh-ka-maenee....		6					7 do..... left.
		Koura.....		7					70 do..... right.
	S. 40 E.	Rawut Khan Chandeaa.	1						8 do..... left.
		Chunna and Chandeaa....		2					6 and 4 do.. on both sides, Kaunpoor bearing N. 70 E. 2 miles off, Gue-ka-gote has 8 houses.
	S. 80 E.	Gue-ka-Gote..	1	2					
	S. 25 E.	Chunna 8 houses on } right. }		3					A large tank runs off from the river on left.
		Carried over..		79	0				

Civil district & Poll. Authority.	Bearings.	STAGES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
		Brought forward..	79	0					
	S. 70 E.	Kukur.....		7					200 Houses on the right bank.
	S. 50 E.		1	3					
		Ambaora		3					8 do..... left.
		Charan		6					20 do.... left, the Coondun nulla joins here again from the left.
	S. 10 W.			2					
		Was.....		4					8 Houses on the right bank of the river.
		Jejal.....		5					6 do..... left.
	S. 70 W.	Kairah.....		3					50 do..... do.
		Jugsing.....		7					25 do..... right.
	S. 20 E.			2					
		Noor Mahomed Gote..		1					20 do..... do.
	South.		1	1					
	S. 10 E.	Maenee.....		7					30 do..... left.
		Tola.....		1					8 do..... right.
	S. 15 E.		1	1					Kooljee 2 miles off S. 80.
		Munnoo Powar.....		5					7 Houses on left bank, Joocy 2 miles off N. 50 E. and Poonda 2 miles off S. 80 E.
	S. 10 E.	Toondra Maenee.....		5					8 Houses, on the right bank.
		Manjeesa		3					10 do..... do.
		Ali Buksh Gote.....		1					10 do..... do.
		A Lake on the left....		3					This Lake, or Tank is upwards of a mile in length.
		Baetoh.....		2					2 Houses on the right bank.
	S. 20 E.	Kurree.....		1					3 do..... left.
	S. 10 E.	Baetoh.....		3					6 Houses on right hills bearing S. 85 W.
		Maenee and Masee....		4					4 do..... & 10 on both banks.
	S. 43 W.	Maenee.....		6					8 do..... left.
	West.	Shikaree.....		5					8 do. right Gundera, 2 miles N. 85 W.
	S. 40 W.	Koara.....		6					5 do..... left.
	S. 25 E.	Bukraanee and Bha- wulpoor.....		3					2 do..... do. 100 do. right Babranee, 2 miles E.
		Kunjaree.....		3					50 do..... do.
	S. 45	Meer Bukraanee.....		4					10 do..... left.
	S. 10 E.	Meanee.....		3					10 do..... do.
		A Lake on left.....		6					This Lake is about 2 miles in length
	S. 50 E.			4					
	S. 50 W.			2					Shaik.
		Carried over..	97	2					

Civil district & Poll. Authority.	Bearings.	STAGES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
British Government of Scinde.		Brought forward..	97	2					
	S. 50 E.			11					Peerano.
	S. 10 E.			7					
		Maenee.....		4					10 Houses on the left bank.
		Sonmeanee.....		6					30 do..... do.
				3					
		Powara.....		2					10 Houses on the left bank.
		Machaeraub.....		2					
	S. 70 W.		1						A Lake on right named Kapooree.
	S. 50 W.		1						
		Wallajeemaenee.....		2					10 Houses on the left bank.
	S. 35 E			4					
	S. 45 W.	Naljee & Kooboowala..		4					10 & 5 houses on each bank.
		Baharajee.....		3					10 do..... left.
	S. 30 W.			1					
	S. 40 E.	Maenee.....		5					6 do. right.
	S. 10 E.			2					
	S. 20 W.			7			Water in standing Pools as above.	Road a foot- path winding amongst cul- tivation and considerable jungle.	Chungoolanee is 2 miles S. 80 E.
	S. 80 W.		1	3					20 Houses on left bank.
		Warasee Shikaree		3					3 do..... right.
	S. 20 W.	Maenee Meerbaree.....		3					20 do..... left.
	S. 50 W.	Bootee.....	1	1					4 do..... Jahee 3 miles off N. 45 W. and Seejane, 2 miles West.
	S. 10 W.	Bootee ka was.....		5					4 do..... right.
		Putnee.....		2					4 do..... left.
	S. 10 E.			6					4 do..... left.
		Belun.....		1					50 do..... right Gudje- roo nulla runs off on right.
	S. 45 E.	Kumal.....		2					
	S. 50 E.			6					
	S. 10 E.	Gohaw Gote.....		5					10 do..... on the right bank.
	South.	Chik.....		2					40 do..... left.
				2					Shaikan nulla runs off on left.
	S. 70 W.	Daedal.....		4					8 Houses on the left bank.
	S. 20 W.			3					
				2					Chunna 1 mile N. 80 W.
	South.			1					
	S. 25 W.	Pirea & Sora.....	1	2					10 & 50 houses on each bank.
		Carried over..	115	5	119	..			

Civil district & Poll. Authority.	Bearings.	NAMES OF PLACES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
		Brought forward..	115	5					
		Mummenee....		6					20 Houses on the right bank of the river.
	S. 70 W.			5					
	West.	Hawacla.....		4					10 do..... do.
				1					Shaikan nulla comes in again on left.
		Meanee.....		2					25 Houses on left bank.
		Powara.....		1					8 do..... right.
	S. 70 W.	Baada-ka-Gote....		2					25 do..... do. hills bearing S. 75 W.
		Allar.....		1					10 do..... right.
		Nulla runs off on right....		1					
		Sye Gote.....		1					10 do..... do.. another nulla runs off on left named Tajookedooree.
	S. 35 W.			2					
		Kasseem.....		1					10 do..... on the right bank.
		Abur.....		2					10 do..... left.
	S. 25 W.			3					
		Gudjeroo nulla.....		4					Comes in on left.
	S. 10 E.	Doda and Wurace....		2					20 Houses, 10 on each bank.
		Tajookedooree nulla....		2					Comes in again on left.
	S. 35 E.	Meer Mahomed.....		3					20 Houses on left bank.
		Hassan.....		1					5 do..... right.
		Kurree.....		2					8 do..... left.
	S. 70 W.	Soopur.....		6					100 do..... do.
	S. 5 W.			2					
		Dada Kuboorah.....		6					6 do.
	S. 10 E.			1					
		Shikaree.....		3					4 do.
	S. 15 E.	Meanee..		4					5 do.
	S. 50 E.			3					
	S. 20 E.	Dium.....	1						30 do..... bank of Munchur Lake.
	S. 50 E.			2					
	S. 70 E.	Koolpoorah.....		3					2 Houses, the road from Dium runs along the edge of the Munchur Lake, which is about 8 miles across here.
	S. 80 E.			7					
		Meanee.....		2					50 Houses on the left bank of Munchur Lake.
	S. 40 E.			4					
	S. 70 E.			6					
	S. 45 E.	Gyphur.....		7					100 Houses.
		Carried over..	129	3					

Wells.

Good open road.

Civil district &
Poll. Authority.

Bearings.

NAMES OF PLACES.

Distances.

Miles.

Furlongs.

Stages.

Miles.

Furlongs.

Water.

Road.

REMARKS.

British Government of Scinde.

Brought over....

129

3

S. 10 E.

1

7

Bubuk.....

6

S. 35 E.

1

S. 70 E. Tuttaee....

7

Noonur....

6

East. Noonur....

3

Sungpoor....

7

S. 30 E. Kubberoo....

1

....

S. 85 E.

2

S. 45 E. Bootea.....

6

S. 35 E.

6

Kandewarce 4 fur-
longs left.....

2

N. 85 E.

1

S. 85 E.

5

S. 75 E. Bang.....

7

S. 70 E.

1

....

S. 45 E. Ruins of Sehwan fort..

1

4

Schwan....

2

Total Miles....

142

3

....

9

7

....

Total....

152

2

Wells.

Good open road.

Arrul river a small stream running & extensive pieces of deep water.

From Bukranee.

From Lar-khana to Bukranee.

A large town of about 500 houses.

Three villages of about 150 houses.

10 Houses.

20 do.

20 do.

20 do.

20 do.

The road touches the bank of the river again which is now called the Arrul.

NEIL CAMPBELL, Lieut. Col.

Qr. Mr. Genl. of the Army.

Route (a detour from the foregoing) from Dium to Sehwan round Munchur Lake.

Civil district & Poll. Authority.	Bearings.	NAMES OF PLACES.	Distances.		REMARKS.
			Miles.	Furlongs.	
		DIMUM TO			
		Seisan.....	7	5	70 Houses on the bank of the Lake.
		Deadabaree.....	3	6	20 do.... do.... do. Lake water close.
		Shaik.....	2	1	20 do.... do.... do.
		Tranee.....	1	6	80 do.... do.... do. Kote is about 2 miles on right of Tranee and has about 50 houses.
		Bazaar on right.....	5	5	50 Houses about from 2 to 3 miles off.
		Sehwan.....	11		The road is a footpath through tamarisk jungle, and cultiva- tion to Daedabaree, thence to Sehwan the road is more upon and pretty good.
		Total Miles....	31	7	

ROUTE FROM LARKHANA AS FAR AS KYRA-KA-GURREE,
Near the borders of the Desert on the road to Bagh.

Civil district & Polt. Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
British Government of Sindh.	LARKHANA.			
	Futtypoor.....	6	...	Good road through a jungly county. Futtypoor a small village with only one well giving water, moderate quantity of supplies.
	Daamrah.....	3	...	Small village with two wells, supplies scarce.
	Kyree Dihroo.....	6	...	Tolerable through thin jungle, a large village with four wells, and small stagnant pools of water, supplies abundant, encamping ground close to village.
	Tullhoo.....	1	...	Small village, two wells.
	Shera Sookra.....	2	4	Country about these two villages open and cultivated, 7 wells in the villages and their immediate vicinity, road in places intersected by dry water-courses.
	Meanee.....	...	4	
	Chundea.....	3	...	Good road over an open country, in Chundea plenty of supplies and 4 wells.
	Uozee Boota.....	3	...	Country cultivated near village, 2 wells.
	Pungria.....	...	4	Small village near dry bed of a canal.
	Bund.....	1	...	Small village, with one well.
	Sujawul.....	...	4	Large place, supplies very abundant, 8 wells in the village and its neighbourhood, a great deal of cultivation carried on by irrigation, good encamping ground near the village. Forage in large quantities every where in this day's march.
	Soor Buth.....	1	...	Good road through sandy country, large village with 3 wells.
	Goolale Seah.....	5	...	Waste country with low bushes growing on it, Goolab Seah a small village with brackish water.
	Taj Lugaree.....	5	...	Road over a parched desert tract of country, at the village two large wells and a moderate quantity of supplies.
	Sunjur.....	2	...	Large village, two wells, there are said to be several in the neighbourhood, but the people studiously concealed them from us.
	Neemra.....	4	...	Village a little distance from the road, Barren country.
	Kyree Gurree.....	4	...	Walled town on the edge of the Desert, 2 good wells, 12 Banyans shops, road on this march good.
	Total.....	48	..	

Kyree Gurree, 8th March 1839.

(Signed) S. POWELL, Capt.
and A. D. C.

ROUTE FROM LARKHANA IN SCINDE TO DADUR,
Via Jhull, Gundava, and Shoorun, Measured with Perambulator, by the Head Draftsman of the Qr. Mr. General's Office, in the month of March 1839.

Civil district & Poll. Authority.	STAGES, &c.	Distances.		Stages.		REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
British Government of Scinde.	LARKHANA.					A large town on the South bank of a canal.
	Rodram.....	1	4			A bridge of one arch here over a large ditch.
	Sundeelee.....	3	6			A large canal runs off to the left here.
	Syud Ubrah.....	3	1			The road crosses the canal here to Mahomed Kalora. The road running along the bank of the canal is much intersected by ditches, over or round which there is a way for camels, the road along the bed of the main canal is generally good, and would, if, this route is followed, be most advantageous for guns, it is generally hard and has many kutcha wells in its bed.
	Mahomed Looral.....	3	1½			A large village with three pukka wells, recross the canal here.
	Essau.....		7½			A large village, wells, good encampment, the road to this is along the main canal and now turns S. W. towards Khumber.
	Khumber.....	2	5½	15	1½	A large town with good Baazar, 8 wells on the East side of the town, all pukka, with good water, and good encamping ground; Buggudia on the S. Hakra on the N. are two large villages close by. A direct route from Larkhana to Khumber at a distance from the canal, is reported good and more open; forage favorable.
	Lonara.....	2	3			A small village and kutcha well; Peer Laky 6 furlongs on right; a road runs on the right through Laky to Bootea, being the direct route to Shadutpoor.
	Chuchaw.....	3	4			A large scattered village, one pukka and several kutcha wells; the road through a jungly and less cultivated country from Khumber to this, but good with the exception of some deep sand; a more direct route to Dostalee runs by the left of this village, though this is the direct line to Braham.
	Dostalee.....	3	4½	9	7½	This is a moderate sized village, with about 12 shops, 3 pukka wells and some kutcha; Luky-jo-gurrie is 6 furlongs north of this, and has two pukka wells; much cultivated ground here, and good encamping ground on a very extensive open plain. Dostalee is a place where Kaffillahs assemble to cross the desert going to the northward.
	Jaffer Kallorah & Machee on right.	2	3½			Small villages with one kutcha well, the country is covered with tamarisk jungle, but the road is good.
	Ruins of old Braham.....	5	4½			A pillar here in memory of its overthrow, this distance over a level runn plain, road good.
	Shaw Chandia fort.....		7½			A few huts outside of the Fort, and a fine tope of trees with one well.
	Braham.....		4½	9	4	A moderate sized village with a good mud Fort, one pukka well and one kutcha in the village outside of the Fort, and four more in the water course on the west side of the town; few supplies; water is scarce, a deficiency of rain having occurred for the three last years, but the last in particular. This is the village nearest to the runn, and in the direct and narrowest part of it, the road across from it to Shadeehur is a well marked way. The inhabitants were reported at Dostalee, and by the guides to be lawless and predatory, and their head man and others were then in hiding until the army should pass, as they had been lately engaged in plundering the Bengal Army.
	Carried over..	34	1			

Civil district & Poll. Authority.	STAGES.	Distances.				REMARKS.
		Miles.	Furlongs.	Miles.	Furlongs.	
Khan of Kelat.	Brought forward..	34	1			
	Along the southern verge of the desert to SHADUTPOOR.			6	1	A pretty large village with four pukka wells, but at present (12th March) completely deserted, on account of the depredations of the Beloochees from beyond the Runn, who on account of the absence of the Scindian Seapoys who had these villages in charge, (lately called to Hydrabad,) had taken the opportunity of plundering.
	The Scinde territory terminates at Shadutpoor, and the territories of the chief of Jhull (the Moongasee Beloochees) commences at Shadeehur.					
	Cross the Runn or desert to SHADEEHURH.			26	3	This appears to have been a very extensive village, though many of the habitations are temporary; the country to the north of the Runn appears to have suffered more from drought than that to the southward, and many of the inhabitants have been obliged to go to other countries on account of the scarcity; it has many small kutchas wells in the bed of the river, 14 at present with water; the inhabitants deserted the place on the approach of the army, which encamped at Keechee 2 coss more to the left near the hills, where there was abundance of water running from the hills. Keechee is also a large village, the inhabitants returned to their houses there and remained while the army passed. The road across the desert is not distinctly marked, and footpaths after the 6th mile run in many directions, the first four miles is bushy but a good road, except some drift sand at the commencement for one or two furlongs; keeping N. 70 W. from Shadutpoor, until the high road from Braham is met with, there is then a Durgah near the high road about 10 miles from Braham, seen from a distance, which is a good mark for passengers coming from Shadutpoor in the daylight. The Runn during some seasons of the year when heavy rains occur, is covered with water, but at present is a barren waste, parts of it are reported to have been cultivated in favorable seasons; the last mile and a half at Shadeehur the road is through cultivation crossing several nullas.
	Toonee.....			9	7	A small Fakeer's village with two pukka wells, surrounded by a large tope of Peepal trees.
	Jhull.....			9	2	A large town enclosed with mud wall and towers, and an open town outside close on the N. E. of the Fort; there are also 5 or 6 villages near on the north side, all called Jhull. It is the chief town of the Moongasee Beloochees, and has an extensive Bazaar; eleven streams of running water from the hills crossed in the two miles before reaching the town, and three more on the north side, several of them 6 feet broad and 30 inches deep, but have bridges across them fit for camels; a good deal of cultivation all round.
						The road from Shadeehur is good over an open, level, waste plain, thinly scattered with Peepal trees, which increase to a thick tope before reaching Toonee, but afterwards open as before. Good encamping at Jhull on both sides.
	Cross Hatteyar river....	9	6			A large village with a fort and considerable cultivation, one canal of running water at the village and two large streams 1½ mile north of it. The Jhull chief generally resides here. The Hatteyar river is 300 yards broad and the center of its bed about 35 feet beneath the level of the plain, its south bank steep, but has a path for camels across it, the road otherwise is good over extensive plains, nearly all bearing the marks of former cultivation.
	Punjoke.....	8	2	13		
	Futtiipoor.....	7	5			Futtiipoor is composed of five separate villages, 2 on the right and 3 on the left side of the road, the head man is a Syud; it belongs to Gundava; a canal of good running water.
	GUNDAVA.....	4	4	12	1	A large town, the chief of this district, under the management of a Syud, it has a good Bazar, and is reported to have had four Bazars until lately. The town within the walls appears to be deserted of more than one half of its inhabitants. Kotree is another large place seven miles S. W. of Gundava, it has 4 separate villages and a fort, in which Meer Mahomed Khan resides, the chief of these and several other villages. Kotree has a good Bazar and abundant supplies, it is on the Route to Kelat by the Moolla Pass, which commences a little beyond Peer Chutta, 8 miles from Kotree.
	Carried over..	59	2			

Civil district & Poll. Authority.	STAGES.	Distances.				REMARKS.
		Miles.	Furlongs.	Stages.		
				Miles.	Furlongs.	
Khan of Kelat.	Brought forward..	59	2	.		
	Gajjen.....	5	3½			A large village and fort, with a good deal of cultivation and good running water.
	Meetee.....	8	1			Meetee is a small fort, apparently but lately deserted, two other villages on the left of it were inhabited.
	Cross Meetee river.....		2			Meetee river is broad and shallow with some cultivation in it and a small stream of water on each side, the north bank covered with tamarisk bushes.
	SHOORUN.....	6	2	20	½	Shoorun is a moderate sized fort, with another fort ¾ of a mile S. of it, and some villages, the other fort inhabited by some Syuds of note. Shoorun has a large Bazar, but supplies were rather scarce and dear, as well as forage. This is stated to be the principal fort and residence of the chief of the Rind Beloochees. The country from Meetee is waste and jungly, and several large nullas and water courses are crossed: the great range of hills approach to within a mile of the fort; several running streams from the hills.
	Some streams and fine Durgahs of the Rind Chiefs at 1¼ mile.					
	Bittaoree.....	7	1			Several small villages on left near the hills, after passing some low stony hills.
	Ameenadeen Peer.....	1	½			This Peer is close in to the hills, and should be kept about 2 miles to the left, as the road there is through a good deal of jungle and deep drift sand, while the country on right is open and level, and the road more direct.
	Five large kutchas wells.....	8	3½			These wells are situated at the beginning of a long tope of low Baubool trees, close to the left of a number of low stony hills, and contained a good supply of water; the road continues good for a considerable distance past them, until within two miles of Sunnee, when it becomes very stony like a dry river bed, before which the tope is kept to the right.
	Sunnee.....	6	3½	23	½	A fort and village belonging to Shoorun, with a good stream of water and considerable cultivation. Sunnee had but an indifferent Bazar with very few supplies, but Buneas came daily or occasionally from Meysurra (which lies three miles N. E.) with articles for their shops in the Bazar, as they said they could not trust their stores to be kept at Sunnee, on account of its proximity to the mountains and the Berooe plunderers, forage favorable at present as the people seem willing to dispose of their standing corn.
	Sunnee Pass begins.....	5				The road runs along towards the low hills on left, over pretty good open road with some tamarisk bushes, when it turns to the left and enters the low hills by a gradual ascent, which though stony is not very rough, continuing for about 4 miles, over a number of easy ascents and descents, clear of bushes and very little cover for musketry from the hills; at 4 miles after entering the pass, a path leads down to the right 1¼ mile to the river, which runs through the low range of hills to Meysurra, it has a good stream of a few yards and much coarse grass in its bed, it is not seen from the road, being hid by the bushes or low trees near the bottom of the hills on the right.
	There is another road turning up to the left before the pass 1¼ mile, it leads into the mountains to the westward and must be avoided going northward.					
	Level plain.....	5				The ground on the plain for a great distance is very much intersected by sand ruts on the side towards the river, but level and good road towards the low hills on left. The low range of hills of the Pass runs off in a N. E. direction to beyond Dadur. The route from Shikarpoor, Bagh and Meysurra crossing them at what is called the Meysurra Pass, about 5 miles from this.
	Soobree.....	6	3½			A large open village one mile from Noushahra, with running water and considerable cultivation; road the last distance good over a waste, and in parts bushy country, running near the hills bearing marks of former cultivation.
	Carried over..	118	6½			

Civil district & Poll. Authority.	STAGES. &c.	Distances.				REMARKS.
		Miles.	Furlongs.	Stages.		
				Miles.	Furlongs.	
Khan of Kelat.	Brought forward...	118	6½			
	Noushahra	1	2			A large walled town with an extensive Bazar, much cultivation, and canals of running water from the hills. The road made by the Bengal army joins in here, from the Mey-surra Pass, Noushahra is the Jaghire of a near relation of Meh-raub Khan of Kelat.
	Camp on the N. E. of town.....	...	3½	18	1	
	Dadur.....			7	4½	A large town and fort with extensive Bazar and much cultivation. The Bolan river runs past it on the south side, issuing from the entrance of the Bolan defile, about 4 miles W. of Dadur. Dadur is governed by Kaluk-dad, a slave of Meraub Khan of Kelat; forage at present plentiful from the standing corn, and there is some short grass dug from the bed of the river. The road from Noushahra, is good and open, over a level cultivated country, excepting where it crosses a branch of the Bolan river at 4½ miles from Noushahra the descent and ascent is from 25 to 30 feet deep, and pretty steep for guns. The country about and beyond Dadur, is reported to be at all times much infested by marauding and predatory people.
	Total.....	124	4		1	

Qr. Mr. General's Office,
Camp Kandhaar, 1st June 1839.

NEIL CAMBELL, Lieut. Col.
Qr. Mr. Genl. of the Army.

**ROUTE FROM SYUDABAD NEAR SUKKUR TO MANDAVEE
IN CUTCH.**

*Surveyed by Venkta Chillum private Guide of the Quarter Master General's Department in January
and February 1840.*

Division or description of Territory	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
Khyrpoor Territory.	Political Agent at Sukkur.	SUKKUR.								From Head Quarters in camp.
		Syudabad.....	5	5½			Soil black, road good with a good deal of jungle	Indus river.		Cross the Indus river from Syudabad.
		Deeldar.....	3	3						A small village of 10 houses.
		Dehwan.....	1	4				1 Pucka well	2 Shops..	40 Houses
		Wolda.....	1	7				1 do		10 do....
		Wolda.....		5			do.... do..	10 Wells. .	10 Shops..	120 do....
		Kolda Sind..	1	1½	14	2	do.... do..	10 do	10 do	150 do....
		Bando.....		3			do.... do..	1 do		20 do.... Meer-chau-kur-gaum 1 mile on right.
		Jellalshai.....		6			do.... do..	1 do		20 Houses.
		Kamra.....		2			do.... do..	1 do		10 do.
		Muchee gaum ..	2	7			do.... do..	12 do	10 Shops..	150 doforage generally good and plentiful.
		Syudgaum.....		7½			do.... do..	1 do	2 do....	20 Houses, Khyrpoor is about 10 miles S. E. of this place.
		Peergaum.....	1	6½	7		do.... do..	5 do	20 do....	300 do.
		Keengree.....		6			do.... do..	1 do	3 do....	50 do.
		Keengree Chota.....		4			do.... do..	1 do	2 Shops..	60 do.
		Larka.....	1				do.... do..	2 do	7 do....	60 do.
		Poolapotra..		3			do do and the jungle less..	1 do	2 do....	60 do.
		Kahurra	1	5				1 do	1 do....	20 do.
		Guchla		4½			do.... do..	4 do	2 do....	25 do.... Forage generally good and plentiful.
		Adampoora.....	1	4½			do.... do..	1 do		12 Houses.
		Kollarda.....		4			do.... do..	1 do		5 do.
		Chandia.....		5			do.... do..	1 do	1 Shop ..	10 do.
		Deemshahur.....	1	4½			do.... do..	1 do	1 do....	50 do.
		Jelladund	1	7	9	7½	Soil black,	10 do	6 do....	100 do.... A good halting place.
		Shaiktaib		4			road good	2 do		50 do,
		Shajapoor.....		4			thin jungle..	1 do	1 Shop..	5 do,
		Kora.....	4	1½			do.... do..	20 do	50 do....	500 do.
		Gubbut.....	2	4			do.... do..	50 do	125 do....	1000 do.
		Baerah.....	1	7			do.... do..	2 do	1 do....	20 do.
		Duraj.....	1	2			more jungle.	20 do	10 do....	150 do.
		Raneepoora..	1	2½	12	1	do.... do..	28 do	100 do....	2000 do.
		Meesree.....	1	4			do.... do..	1 do		20 do.
		Gurraej.....	1	5½			thin jungle.	20 do	15 Shops..	200 do.
		Wahan.....		6½			do.... do..	5 do	1	10 do.
		Total		49	41					

Division or description of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
Khyrpoor Territory.	Resident at Khyrpoor.	Brought forward.....			44	2½				
		Jabraj.....		5			Thin jungle.	5 Wells...	1 Shops.	50 Houses.
		Kotlee.....		3½			do... do..	2 do	5 do....	60 do.
		Saetraz,...		6			do... do..	4 do	5 do....	50 do.
		Baumta.....		2			do... do..	1 do		5 do.
		Daebratz.....		3	5	9	6½ do ... do..	2 do	6 do....	160 do.
		Seepai		1	3		do... do..	2 do	2 do....	30 do.
		Sopotra.....		3			do... do..	1 do		10 do.
		Hadeagore 1½ mile } on right..... }		2			do... do..	1 do		5 do.
		Bojve.....		7½			do... do..	1 do	2 do....	50 do.
		Rajpoor.....		3	7		do... do..	1 do		10 do.
		Hajeea Shuhur.....		7			do... do..	2 do	3 do....	5 do.
		Veega.....		2	7½		do... do..	1 do		5 do.
		Myrakan-Gote.....		2	3	14	6 do... do..	1 Good } pucka well }	1 do ...	20 do.
		Sapeata....		7½			do... do..	1 do		8 do.
		Bagodra.....		3	3		do... do..	1 do		10 do.
		Shawl....		1	4		do... do..	1 do		5 do.
		Achokee		7	3½		more jungle.	None....		One Old Sepoy inhabited the Chokee.
		Padra.....		3	7½	17	1½ do... do..	3 good wells	20 do....	100 Houses, a good halting place.
		Lawl.....		7	½	7	½ do... do..	1 do		5 do one ruined fort, near the village.
		Koturdee		14	5	14	5 do... do..	1 do	2 do....	10 do. pass two small villages at a distance on the right and left, called Bandee and Veet at 5 miles, and Vear, and Puttemshun, at the 12th, small and from 2 to 3 miles off.
		Joreenda....		12	2	12	2 Soil black, road good, more jungle.	1 good } pucka well }		80 Houses.
		Fukeergaum.....		3	5½		do... do..	2 do	10 do....	50 do. a good halting place.
		Syudgaum		2			do... do..	2 do	1 do....	5 do.
		Oonapotlee.....		7			do... do..	1 do		12 do.
		Kear.....		7½			do... do..	4 do	4 do....	30 do. a good village.
		Gajodra.....		4	4		do... do..	1 & 1 Talao		4 Houses.
		Deengana.....		3	½	15	½ do... do..	1 Good } pucka well }		12 do.
		Kaerea.....		1	5		do... do..	2 do	2 do....	50 do.
		Munnookhan.		3	4½		do... do..	3 do	20 do....	200 do. a good halting place.
		Maroojabur		2	2		do... do..	1 do	1 do....	30 do.
		Chaelee.....		1	5		do... do..	1 do		10 do.
		Chittroree.....		1	4½	10	5 do... do..	2 do	4 do....	7 do, a good halting place.
				Carried over..			145	5½		

Division or description of Territory.	Nearest Civil Authority.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS.
		NAMES OF PLACES.		Stages.					
		Miles.	Furlongs.	Miles.	Furlongs.				
Hyderabad Territory. Collector at Hyderabad.	Brought forward.....	145	5½	Soil black road good more jungle.	1 good pukka well }	15 Houses.			
	Cheydah.....	5		do.... do..	2 but not good. }	75 do.			
	Chittroree Chota....	1	3½	do.... do..	2 good water	100 do.			
	Dahbraw	1	5½	do.... do..	1 do	30 do.			
	Darea.....	3½		do.... do..	1 do	100 do.			
	Golpheer.....	2	3	Soil sandy road good.	2 do	200 do.			
	Karjah.....	2	6	9	2½	2 do	20 do.		
	Sahtee.....	3				1 do	2 do.		
	Syudgaum.....	7			Soil white, road good, through a good deal of jungle..	1 pukka well			
	Fukeergaum.	1	7		do.... do..	2 and Talao.	400 do.		
	Durria Khan	2	7		do.... do..	2 do.. do..	15 do.		
	Kasan.....	2	7		do.... do..	1 do.. do..	30 do.		
	Dehree.....	1	3½		do.... do..	1 do.. do..	30 do.		
	Sataejah.....	5			do.... do..	2 do.. do..	25 do.		
	Kaebrasun	1	7		do.... do..	1 do.. do..	15 do.		
	Kaebrae-Shahur	1	3	16	6½	do.... do..	4 do.. do..	400 do. a good halting place.	
	Maree.....	5			do.... do..	2 do.. do..	150 do.		
	Shaekat.....	1	6		do.... do..	2 do.. do..	200 do.		
	Soomaree.....	2	1		do.... do..	1 do.. do..	5 do.		
	Sandeekhan....	1	4		do.... do..	1 do.. do..	2 do.		
	Kokranee.....	3	6		do.... do..	1 do.. do..	10 do.		
	Mosakatra.....	3½			do.... do..	1 do.. do..	4 do.		
	Gullal Mahomed } Tanda..... }	4½	16	6	do.... do..	5 Wells do.	1,000 do. a good halting place.		
	Jummaree Hulleel } Khan	2	4		do.... do..	5 do.. do..	400 do.... Hyderabad is 7½ miles west of this place vide Captain LeMeussurier's Route.		
	Dabraj Gote.....	1	5		Soil white and black, road good with much jungle	1 do.. do..	40 Houses.		
	Kaesurneendaunee ..	2	1½			6 do.. do..	800 do. jungle thinner.		
	Datojur	2	½			2 do.. do..	125 do.		
	Veetoo..	2	1½	10	4½		50 do. Hyderabad bearing N. 62 W. about 7 miles off.		
	Murrin Hullin Khan.	3	1½		Do. jungle thinner.	3 do.. do..	100 Houses.		
	Jangree Khan.....	1	4		do.... do..	2 do.. do..	40 do.		
	Dheeldargaum	1	3		do.... do..	1 do.. do..	30 do.		
	Butchal Shah.....	1	7½	8		do.... do..	200 do.		
	Raidan Khan-ka- } gaum	1	4		do.... do..	1 well & nulla	20 do.		
	Saumbra.....	7½			do.... do..	1 do.. do..	10 do.		
	Carried over.....		207	1					

Division or description of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
Hyderabad Territory. Collector at Hyderabad.		Brought forward.....	207	1						
		Serai Poora.....	3			Soil white and black, road good with much jungle	1 Well & nulla	15 Houses.		
		Bahdur Neenda- munnee-ka-Tanda. }	2	1½			2 Pucka wells	4 Shops..	200 do. a good halting place.	
		Mahomed Khan-ka- Tanda..... }	4	3	9	3 do.... do..	10 Wells and canal	100 do....	2000 do. There was a ferry boat plying and continues during the year, many fine trees and two fine gardens and considerable cultivation.	
		Shaik Pureed.....	3	7		4 do.... do..	1 Well....	5 Houses.		
		Summunkote	1			do.... do..	1 do	15 do.		
		Talboorad.....	3½			Soil in parts black, and in others salt, road good through thin jungle..	1 do	5 Shops..	30 do.	
		Konunjo.....	2	2½			1 do	10 do.		
		Nagocha.....	1				1 do	2 do....	25 do.	
		Dodree.....	3	7	12	4 Soil black..	1 do pucka.	2 do....	50 do.	
		Kanbraman	5	2		do. jungle thicker ..	1 do.. do..	2 do ...	40 do.	
		Kurreah.....	4	7½	10	1½ do.... do..	4 do.. do..	60 do....	250 do. a good halting place.	
		Seannoo.....	6	2		do.... do..	1 do.. do..	1 do....	50 do, cultivation considerable.	
		Turraie.....	3	3½	9	5½ do.... do..	3 do.. do..	25 do....	400 do. a good halting place.	
		Jakajee ½ mile on right	4	5½		do.... do..	1 do.. do..	10 do..	Beeloochpoora, another small village 1 mile on right.	
		Bhoota.....	8	7		do.... do..	1 do.. do..	1 do....	12 Houses.	
		Seranee.....	2	5½	16	2 do.... do..	2 Pucka 3 kutchas ..	20 do....	300 do. a good halting place, crossed a large canal, to the town, now running knee deep.	
		Hussey'n Khan-ka- gaum..... }	1	6		do.... do..	1 do	1 do....	50 Houses.	
		Goongla Khan-ka- gaum..... }	3			do.... do..	2 do	1 do....	10 do.	
		Garree.....	11	3½	13	4½ do.... do..	1 do & river	2 do....	70 do. crossed the river twice, once a mile before reaching Garree, and again before leaving Garree, now running slowly, and about knee deep.	
		Chokee.....	3	6½	3	6½ The latter part of the road towards Garree, the soil is salt	1 Well....	Two or three Seapoys huts, four Seapoys and a Hindoo Meytah, who collect the customs reside here, a few large trees; this place is on edge of the Runn.		
		Dhurmsalla or Chokee	26	6½	26	6½ road good through thin jungle.				
		Luckput Bunder....	5	2	5	2 Estimated distance				
		Luckput town to the south gate through the town..... }	2	6½	2	6½	4 Wells and 1 Tank outside ..	3000 Houses & 100 Shops	The road across the runn from Garree; was found good and dry with the exception of a few places where it felt soft under the camels feet, but not so much as to cause inconvenience. The last three furlongs to the Chokee, is soft and muddy, the camels sunk 8 or 9 inches, The camels and cattle of the party were all crossed over by boat.	
		Carried over..								
					317	3				

Division or description of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
Territories of the Row of Cutch.	Political Agent at Bhooj.	Brought forward.....			317	3				
		Omursir.....	5	5½			Soil stony, road good..	1 Well and 1 Tank	2 Shops..	40 Houses.
		Dharaisur.....	4	4			do.... do..	3 do		30 do.
		Kora.....	4	4	14	1½	Thin jungle.	2 do & Tank	5 do....	60 do.
		Mhurr.....	8	4	8	4	do.... do..	6 do	20 do....	400 do. good halting place.
		Badra.....	7				do.... do..	5 do & 4 Tank	4 do....	200 do. much cultivation.
		Barapoor.....		7	7	7	do.... do..	2 do		20 do.
		Rhadunpaut.....	5	5½			do.... do..	1 do 1 Tank		30 do.
		Terah.....	5	½	10	6	do.... do..	2 do 2 do..	15 do....	800 do.
		Kunatia.....	3	1½			do.... do..	3 do 3 do..		40 do.
		Bauchaonda.....	3	6½			do.... do..	5 do 3 do..	3 do....	150 do.
		Wara.....	3	2½			do.... do..	3 do 1 do..	1 do....	40 do. thin jungle and much cultivation.
		Vinjan.....	2	6	13	½	do.... do..	6 do 3 do..	30 do....	700 do.
		Koltaj.....	5	1½			do.... do..	1 do 1 do..		10 do.
		Sabrai.....	3	3½	8	5	do no jungle	5 do 1 do..	15 do....	500 do. much cultivation.
		Daidia.....	2	1			do.... do..	4 do 2 do..	2 do....	55 do.
		Bhait.....	4	6½			do ... do..	5 do 2 do..	8 do....	300 dq.
		Lyjah.....	4	4½	11	4	do.... do..	4 do 2 do..	8 do....	300 do.
		Seerwah.....	5	4½			do..., do..	2 do 1 do..	2 do....	50 dq.
		Mandavie to the } Bhooj gate..... }	5	3½	11					
		To the bunder end..		2		2		15 wells 3 Tanks	200 do....	4000 dq.
		Total.....				403	1			

Qr. Mr. General's Office, Bombay 9th April 1840.

Lieut. Col.
Qr. Mr. General of the Army.

ROUTE FROM DADUR TO SUKKUR VIA SHIKARPOOR.

*Measured with Perambulator by 2nd Guide Hunmantoo.**Quarter Master General's Office, Camp at Larkhana, 23rd December 1839.*

Civil district & Poll. Authority	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Khan of Kelat.	DADUR.			
	Nowsherra.....	7	4	Vide Route from Gundava to Dadur.
	Meysurra.....	15	3	At 9 miles cross a deep nulla from Nowsherra with a little water in it, but muddy, good water in a nulla S. W. of the village; Meysurra contains about 200 houses and 10 shops, plenty of forage for camels, and kirby for horses, encampment on the N. E. of village.
	Bhag.....	14	6	In this march, cross six nullas one of which has water in it, road good, and cultivation of joowary in the vicinity. Water bad and from a tank filled in by the fall of rain. Bhag is a large place with plenty of supplies, it contains about 2,000 houses and 100 shops; forage for camels in the vicinity of this town and kirby for horses. Joowary fields all the way from last stage. encamping ground on the east of the village.
	Kassim-ka-joke.....	20	6	Cross five nullas in this march, one of which runs on the left of the road with pools of water in it; road good with cultivation of Joowary on both sides at some places. The village has 75 houses and 8 shops, supplies limited, plenty of forage for camels at 1 mile from the village, and kirby for horses. Encamping ground S. W. of the village.
Collector of Sukkur.	Kunda.....	15	7	In this march cross 5 nullas with one running on the left of the road as before, road a foot path and bad, cultivated fields of Joowary on both sides of the road, Kunda is a village, of about 200 houses and 30 shops, water in a nulla on the left of the village till the end of February, when it could be had by digging in the bed of the nulla, plenty of forage for camels and kirby for horses, encamping ground S. W. of the village.
	Rojan.....	35	3	At 5 miles 3f. pass the village of Rorce where the guns were halted, and from whence a desert of 26 miles is crossed, road good on a plain all the way. Rojan is a poor village, with a few huts, water bad and in three wells built of burnt brick; no supplies, forage for camels and kirby for horses, encamping ground S. E. of the village.
	Janedera.....	11	2	Road good from the last march, Janedera is a small ghurry in which Commissariat supplies are stored and guarded by a party of Infantry from Shikarpoor. The village is deserted, water in 5 wells, 2 of which are now dry, sufficient forage for camels and kirby for horses, supplies very limited, encamping ground on the E. of the village.
	Jagun.....	11	6	In this march pass 4 dry nullas, road good; Jagun is a small village with 60 houses and few shops, water from five kutchha wells, forage for camels in abundance and Kirby for horses. Supplies very limited, encamping ground on the S. E. of the village.
	Shikarpoor.....	12	2	Road good through thick jungle, having no nullas to cross in this march, Shikarpoor is a large town with considerable supplies and population, encamping ground on the S. E. of the town where there are several wells.
	Kahee.....	14	7	In this march cross 8 dry nullas, road good through jungle, Kahee is a small village with about 100 houses and 8 shops, supplies few, water from 2 pucks and 10 kutchha wells, plenty of forage for camels and kirby for horses, encamping ground on the S. E. of the village.
	Sukkur.....	13	3	Cross 17 nullas in this march, road good but through thin jungle, at 7 miles on the left of it, the river Indus is met, and on the right bank of which Sukkur is situated, is the Head Quarters of the Brigade in Upper Scinde.
	Total.....	173		

NEIL CAMPBELL, Major,
Qr. Mr. Genl. of the Army.

No. 1.

ROUTE FROM SUKKUR TO SHIKARPOOR.

Camp near Shikarpoor, 9th January 1841.

Civil district & Poll. Authority.	Dates.	NAMES OF VILLAGES.	Distances.		REMARKS ON ENCAMPING GROUND &c.
			Miles.	Furlongs.	
Collector of Sukkur.	1841. 2nd Jan ..	Jaffrabad.	5	5	Good encamping ground to the left of the road near the hamlet of Soomra-ka-gote, or to the right of the road beyond it, for three or four detached brigades, but cut up by canals and ditches. Water abundant and good from a large "dund" or lake.
	4th ,, ..	Abdoo.	7	4	Good encamping ground among fields and open ground about 6 furlongs northwest of Abdoo, water from wells numerous and good.
	6th ,, ..	Shikarpoor....	12	4	Good spacious ground to the east of the city, surrounded by wells. The direct road from Abdoo, by Wuzerabad is about 6 furlongs shorter than the line by which the force marched, but is a bad road and confined by jungle, the road by Neemorah excellent.
	5th ,, ..				
		Total ..	25	5	

J. HOLLAND, Major,
Deputy Quarter Master General of the Army.

No. 3.

ROUTE FROM SHIKARPOOR TO SHAPOOR.

Camp near Shapoor, 23rd January 1841.

Civil district & Poll. Authority.	Dates.	NAMES OF VILLAGES.	Distances.		REMARKS ON ENCAMPING GROUND &c.
			Miles.	Furlongs.	
Colr. of Sukkur.	1841. 17th Jan..	Jagun.....	12	2	Encamping ground open, level and spacious when the grain is cut, but very confined at other times; road heavy and dusty and much confined by jungle, water good from 5 wells and sufficient with proper precaution for a regiment of cavalry or brigade of infantry with cattle and followers, 60 houses and a few shops, forage abundant.
	18th ,, ..	Janedera.	11	5	Encamping ground as before, road open and level and country cultivated, water good and rather more abundant than at Jagun, village deserted, but a few shops for the sepoy.
Khan of Kelat.	19th ,, ..	Halt in the desert.....	10		A small clump of bushes in the middle of the desert, no water, road hard, level and good.
	20th ,, ..	Minotee	15		Open and spacious ground half a mile south of the village near a number of wells or pits in the bed of a nulla, water scanty and bad grass to be had at some distance, firewood and supplies scanty.
	21st ,, ..	Shapoor	14		Encamping ground confined in a heavy sandy plain, near the shallow broad dry bed of a river, in which are numerous pits of good water which produce a large supply if cleared out; road over a barren sandy country, and latterly very heavy.
		Total....	62	7	

J. HOLLAND, Major,
Deputy Quarter Master General of the Army.

ROUTE FROM SHAHPOOR TO BHAG.

Camp near Bhag, 30th January 1841.

Civil district & Poll. Authority.	Dates.	NAMES OF VILLAGES.	Distances.		REMARKS ON ENCAMPING GROUND &c.
			Miles.	Furlongs.	
Khan of Kelat.	1841. 24th Jan..	SHAHPOOR.....			
	26th „ ..	Chuttr.. ..	12	1	Encamped in a fine open plain on south east of the town, 11 wells of good water on the east, west and south, they are however from 80 to 90 feet deep and very small, and it is difficult to water a large number of camels or horses in consequence; good road over an open plain, at first barren, latterly cultivated. Chuttr is a large walled town with several shops and much cultivation.
	27th „ ..	Near Chachur.....	15	7	Encamp about 6 furlongs southeast by east from Chachur, in an open plain near the bed of a river with steep high banks, in which there was a fine sheet of water retained by a bund: forage abundant for camels and horses; firewood very scarce, no supplies; good road over a dead level, quite bare, but every where bearing traces of former cultivation. The ground near the encampment much intersected by canals, and precautions are necessary in moving off in the dark to the road which is about a mile off.
	29th „ ..	Near Bhag.....	19	4	Encamp in a fine open plain, about 5 miles northeast of Bhag on the bank of a river near the village Mogool-ka Shehr: there is a bund here with a fine sheet of water, camel forage abundant, kirbee abundant in ordinary seasons, supplies abundant from Bhag which is the principal place in Cutchee, road as before but first and last portion intersected by water canals and nullas. The whole country from Chuttr to Bhag is evidently under water during the inundation from the melting of the snow.
Total miles.....			47	4	

J. HOLLAND, Major,
Deputy Quarter Master General.

**ROUTE FROM KOTREE AND GUNDAVA TO SUKKUR ON
THE INDUS.**

Measured with Perambulator by the Head Draftsman, of the Qr. Mr. General's Office,

19th December 1839.

Civil district & Poll. Authority.	STAGES. &c.	Distances.		REMARKS.
		Miles.	Furlongs.	
Khan of Kelat. Collector of Sukkur.	KOTREE.....			Vide route from Larkana to Dadur.
	Gundava.....	7		Ditto.....ditto.
	Oodauna.....	14	7	A walled village with considerable cultivation around, water from kutch wells outside, at this time scarce and insufficient for a small force. The road good over a level desert plain, crossing a large canal at 6 miles, 20 yards broad and 15 feet deep with steep banks, cultivation commences at 1 mile from Oodauna, forage abundant, supplies few.
	Kunda.....	10	4½	A large walled town, water in canals but indifferent much cultivation and several other villages around, at a distance of from 1 to 3 miles, road over a level country but more busly passing 1 village, on the right at 3 miles and the ruins of old Oodauna with some kutch wells and 2 or 3 large villages on left at 7 miles. Supplies plentiful at Kunda.
	Burshoorce.....	9	2	Two walled villages, with considerable cultivation around on the edge of the Runn desert, water from small ku'cha wells, road good all the way, and for the first 2½ miles through cultivation, then a desert plain until within 1½ miles of Burshoorce. Forage abundant, but few supplies.
	Rojan.....	26		Two walled villages, on the Eastern side of the Runn or desert, with a little cultivation and one good pukka well. The road over the Runn is very good, parties with laden cattle should march just so late in the evening, as to arrive across it by day light. Forage abundant, few supplies.
	Janedera.....	11	2	A large square fort and a village. The village at present in ruins, having been destroyed some time ago by a plundering band of Beloochees, there is considerable cultivation around and some of the population scattered in huts in the fields, there are four good pukka wells, one of which is inside the fort. Khangurh a large and populous place, is about 4 miles to the northward, at present an outpost from Shikarpoor, road good except at the 9th mile, where it is deep in sand. Forage plentiful and some supplies.
	Jagun.....	11	4½	A fort and village, with some lofty square fortified outside buldings, considerable cultivation and some good pukka wells. The road is over a level but more woody country, passing 2 or 3 villages on the right and left. Jagun has a small but good Bazar, with considerable supplies and forage plentiful.
	Shikarpoor.....	13	4	A large town or city, the capital of Upper Scinde, with extensive Bazars and abundant supplies. A large fort on the east side of the town, the buildings are in general lofty, the country around an extensive level bushy plain, with much cultivation, water plentiful from wells, road good, over a level but very bushy or jungly country.
	Kahee.....	14	½	A large village and also much cultivation, the road winds a good deal over a level but very bushy or jungly country, with many fine clumps of trees and several villages at a distance from the road.
	Sukkur.....	12	6	To the bank of the Indus river. The road from Kahee is in general good, but crosses about 10 water courses or nullas all at present dry; pass Thoomanee at 1½ miles on right, Rubail on left at 2½, Durraha at 5½ and Soomrar at 6½ both on right, Jaffrabad at 7½ on right, Nusserabad at 7½ on left, Abad at 9½, all small villages with many trees and considerable cultivation about them.
	Total.....	130	6½	

NEIL CAMPBELL, Major,
Quarter Master General of the Army.

ROUTE FROM SHIKARPOOR TO LARKHANA.

Quarter Master General's Office, Camp Sukkur, 15th January 1840.

Measured with Perambulator.

Civil district & Poll. Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	SHIKARPOOR.			
	Samun Kote.....	4	2½	A small village, about 10 houses and 2 shops, water from 2 wells.
	Nowser.....	3	2½	Do. 30 houses and 6 shops, supplies limited, water from two kutchha wells.
	Kumboowa.....	1	5	This village contains about 20 houses, 1 shop, water in wells.
	Khair.....	6½		This is a good village of about 50 houses, 7 shops, water from wells in the village.
	Gahay-ja.....	4	3½	A village of about 100 houses, 12 shops, water from wells.
	Bungool Dehra.....	2	6½	Do. do. 40 houses, 7 shops and 1 well.
	Bambut Poora.....	6	3	Do. do. 40 do... 3 do do.
	Rahooja.....	1	1½	A deserted village.
	Nowadehra.....	2	7	A village of about 100 houses, 10 or 12 shops, forage for camels and kirby for horses abundant.
	Larkhana.....	12	3	
	Total.....	40	1	

NEIL CAMPBELL, Lieut. Col.
Qr. Mr. Genl.ROUTE FROM DEESA TO SUKKUR, VIA VEERAWOW AND OMERKOTE,
of the 6th Regiment Native Infantry.

Commenced on the 28th August 1840, being principally abstracted from Captain Del Hosté's Journal.

Measured with Perambulator.

Civil district & Poll. Authority.	STAGES.	Dates.	Distances.		Bearings	REMARKS.
			Miles.	Furlongs.		
Political Agent at Palhanpore.	DEESA.					
	Rampoora.....	28th Augt.	9	3		60 Houses, 2 shops, 1 pukka well 90 feet deep, country low jungle, road heavy in sand.
	Jackole.....		6	3		A more respectable village, has 2 shops, the well 120 feet deep; when large parties are marching through these villages, it is necessary to send on the day before and have the troughs filled, which prevents much delay and waste of water, road better, thick jungle the whole way.
	Lauknee.....		10			60 Houses, 4 shops, 2 wells, but the water bad and the wells 140 feet deep, road as above, more cultivation.
	Thurraud.....	1st Sept. 1840.	14	3		A fine large town, 300 houses, 90 or 100 shops, 2 good and 3 bad wells, there is a large tank now almost dry (as no rain had as yet fallen,) road over a succession of low sand hills covered with jungle.
	Bokney.....		13	4		A small village with a tank of good water. This march was made instead of to Bhurrole and Bhatkee, the next two stages towards the head of the Runn, on account of the reported scarcity of water there, as well as the fact of the Runn being dry having been ascertained; passed the large town of Wow, the road hard and broad over a more open country.
	Carried over.....		53	5		

Civil district & Poll. Authority.	STAGES. &c.	Dates.	Distances.		Bearings.	REMARKS.
			Miles.	Furlongs.		
Political Agent at Palhempore.	Brought over.....		53	5		
	Nurra Bate.....	4th Sept. 1840.	15			Some brackish wells; crossed the Runn in one hour and 48 minutes; a violent storm having occurred during this march, the force had to return to Soeegaum.
	Nurra Bate to Burkooah Tank.....		15			
	Burrauna.....		1	4½		} Nuggur Parker is 15 miles from Burrauna, Kasba the outpost, is 6½ miles south of Nuggur, and 12 from Burrauna.
	Ramsir Tank near Choreenda.....		12	½		
	Veerawow.....		6	3½		
	Total.....		103	5½		The Route to Veerawow from Deesa, round the head of the Runn is 113 miles, 6 furlongs as measured by Major Hollands Route of 1831. *
	* Soeegaum to Naysra.....	9th Sept.	9	2		No supplies, and indebted to the fall of rain for water, road good, country covered with jungle.
	Golgaum.....		11			Small village, 2 shops, road good over an open plain.
	Joorialla.....		16	6		A poor hamlet, road through dense jungle the country appears poor, but the cattle superb; during the inundation the country between this and Kijreera is under water, it was yet dry (11th September,) these floods do not occur every year, heavy rain about the upper country is the cause.
	NOTE.—The "Nyear" or "Nueyur" is the tract affected by the inundation of the Loonee river.					
	Kijreera on low ground between two branches of the Loonee river.....		12	3		Small village of 30 huts, water tolerably good near the surface, the country passed over muddy and low; crossed the Loonee river five times, and any of these had they been full of water would have stopped us. Boyotra is the only village passed, it is on a rising ground; the Nyear became impassable on the 15th and the camels from Deesa could not cross; the whole distance between Joorialla and Kijreera is included in the tract called the Nyear.
	Tareesra.....		12	2		A few huts, crossed a branch of the Loonee river, and skirted the edge of the Runn, then crossed a few sand hills and encamped at some pools of water in a fine open valley 2 miles S. E. of the village, this is the first stage in the Thull or country of sand hills.
	Guddra, (to the tank).....		18	1		50 Houses, 30 shops.
	Veerawow.....		11	2		} Encamped in a beautiful plain S.E. of the town, road good the whole way; Veerawow is 12 miles north of Nuggur Parkur.
	Total from Soeegaum.....		91	0		
	Total to Veerawow as above.....		103	5½		
	From Veerawow to Panalia.....	21st Sept.	5	2		No village, one well 108 feet deep, and 80 feet water, of the worst kind, the country is a continuation of sand hills covered with low brushwood, road heavy but quite practicable for light guns though a mere footpath, which it would be impossible to follow without a guide.
	Goriar.....		6	6		A few huts and one well 168 feet deep, about 3½ feet water, rather better than that at Panalia, a mud trough holds sufficient water for one corps, country as above.
	Tariano.....		8	1		There is but one well here, water is better and more plentiful than at the last stage. From the undermining of the millions of rats the footing on these hills is very unsound.
	Carried over.....		123	6½		

* NOTE.—The 6th Regiment having had to return from Nurra Bate to Soeegaum in September 1840, its route from thence to Veerawow is inserted as shewing the state of the route around the head of the Runn and passage of the "Nyear" at that season.

Civil district & Pol. Authority.	STAGES.	Dates.	Distances.		Bearings.	REMARKS.
			Miles.	Furlongs.		
	Brought over.....		128	6½		
	Rajoor.....		9	7		A dozen or two wretched huts, one well 242 feet deep, a small pond of rain water was found, the road heavy and narrow on account of bushes and rotten ground, the country much the same as before, jungle and grass more abundant, the rain having fallen here; the people speak already of leaving the village, the forage having become scarce near it, so that no dependance can be placed on the existence of a village. The great depth of wells whose construction renders them liable to accident, is the principal thing to be guarded against by troops traversing this country, the most certain intelligence should be obtained previous to moving on, and bullocks, a coss, ropes, a wheel &c. and a carpenter to put it up should accompany the force.
	Cheyha.....	25th Sept.	13	1		10 Huts and no well, water from a small tank which will last 15 or 20 days, when this is dry the people, who are from Omerkote come to feed their cattle, will go to Koodie, 9 coss easterly; the road very heavy in sand, and one or two sand hills were crossed, the people state that the villages passed this day are none of them permanent, and that it will depend on circumstances whether they are found inhabited at a future period, this renders caution requisite, and every information should be obtained on the subject before a force enters the Thurr.
	Chachra.....	26th Sept. 1840.	7	3		This is the best village, come to in the Thurr, 150 houses and 50 Banian houses of mud and sticks, a large tank which will contain water for another month or so for the same number of people we have with us; the shops here would afford Ghee and Bajeree; there are 9 wells near the tank each of them containing now 7 feet of water, but the people say they become salt during the hot months, only 2 remaining fresh which will afford 20 gallons a day. The country was independent of Scinde, 60 years ago, when the present Patell of Chachra's father was master of Omerkote and the Thurr was under his authority. The Patell also mentioned that our best and nearest Route was via, Islamkote, by which the sand hills would have been avoided, as he says that 140 will have to be crossed before reaching Omerkote by this Route.
	Banda Tullao.....	29th Sept. 1840.	13	4		No village here, road heavy but not impassable for guns, or so bad as was expected; passed six of the sand hills, abundance of grass and jungle, rain has fallen abundantly; passed Nowapoor at 7 miles, a good looking place and several Waunds seen at a distance among the hills.
	Mundora.....		10	1		No village, merely a tank of rain water, road very heavy up and down sand hills of no great height, but a fatiguing march was experienced; passed Mittree and Katia, both much better villages than those South of Chachra, crossed 17 sand hills, it would be with very great difficulty that guns could be brought over such a road.
	Niniar Tank.....		5	5		No village, merely a tank of rain water, it will last one month longer, the road worse to day than that of yesterday, crossed 4 sand hills they are high and the sand deeper than those hitherto crossed.
	Carried over.....		183	3½		

Formerly Meer Shere Mahomed's Territory, now under British Government.

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Dates.	Distances.		Bearings.	REMARKS
			Miles.	Furlongs.		
Formerly Meer Sobdar's Territory, now under British Government.	Brought over.....		183	3½		
	Omerkote.....	1st Oct.	12	6		A fort and town, and a tank containing abundance of water for at least 3 months, the road at first heavy and several sand hills are crossed, the last 4 miles the soil changes to a kind of clay, and the ridges less abrupt. "Omerkote is the largest " and most populous town in the Thurr, the " inhabitants chiefly Rajpoots, are about 2,000 souls, and trade is actively carried on with most parts of India, Scinde &c. vide Major G. P. LeMessurier's description in 1839.
	Goolam Nubbee.....	5th Oct.	19	5		This village is an Enam to a Syud named Moor-teeza Ali Khan, supplies are procurable and water abundant from wells in the bed of the Narra river, and a dund; passed a few huts on the road called Sahib-he-tur, at the Narra river, at 13½ miles, with some wells in the bed of the river. the road level and covered with jungle skirting the Thur, the sand hills of which are visible all the way about 1½ mile on right, from Sahib-ke-tur the road is level, soil sandy and Tamarisk jungle.
	Dilear.....	7th Oct.				Dilear was reported to have been deserted and without water, but the Regiment halted 2 hours here and found good water the whole road was through jungle, in some places most dense; passed Bit-ke-Bit a small village.
	Kepra.....	7th Oct.	24		N. 80 W.	No mention whether Kepra is a village or halting place only, but encamped in the bed of the Narra river, water good and plentiful, the road and country as in last march.
	Surnawarrie.....		12	2	N. 48 W.	The place belongs to a Syud who was very civil, supplies in moderation, water from wells, the road a tolerable footpath.
	Syud Bakari.....		12	7	N. 28 W.	Small village, no supplies, water plentiful from wells in the bed of Narra river, road good, except at one place at Meetee-Khan-ka-dehrah, where there is a small nulla, no difficulty was experienced by the grass cutter in finding grass, and kurby was procurable in the villages.
	NOTE.—The main road goes off to the left from this via Metrao 8 coss, Sumahie 3 coss, Juckow 4, Ibbo 4 and Keywarrie 5 coss, but unfavorable reports as to water was received it is believed they were deceived.					
	Ubrow Dund.....		7			The dund water is not fresh, but good water is found by digging a few inches near the edge of the dund, the first part of the road was good but through dense jungle, latterly the road was heavy and the sand hills so numerous that guns could not well be brought this route; the inhabitants in these wilds are few and scattered over the country at a distance from each other in most wretched huts.
	Duddera Dund-i-Kalifa	12th Oct.	10		N. 40 W.	A fine piece of water on the left bank of the bed of the Narrah river, with plenty of short grass nearit, the guide lost the path and led us through villages, in which the jungle was so dense it could hardly be got through, and over steep sand hills which seemed to have no termination, after an hour the path was found and followed to the entrance of the valley where the camp was formed; here one camel man hired at Omerkote deserted with 50 camels, had we been furnished with accredited agents from Meer Sobdar or Ali Morad, much of the annoyance and anxiety might have been avoided, a Belooche village was found one coss off called Togacha of about 20 huts, at which an officer of Meer Ali Morad's named Allut Bukah resided, who was induced to accompany the Regiment to Roree for 4 Rupees a day and food for himself and followers.
	Carried over.....		281	7½		

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Dates.	Distances.		Bearings.	REMARKS.
			Miles.	Furlongs.		
British Territory.	Brought forward.....		291	7½		
	Phoogan Garra Koond.....		13	3	N. 36 W.	This is merely a pool of water in the bed of the river, a Dund being a lake filled from the river; the road rather better than before, but still desert & jungle with high sand hills; a Hindoo, 8 days from Roree was also engaged here, he came by the opposite road. I find the high road by Netrao, Sumatrie, Juckow and Koomb is on the opposite side of the river; during this day's march passed several dunds. One produces an earth (Fuller's earth it is supposed) which is sold at 2 Rupees a Maund.
	Keywarrie.....		10	2	N. 12 W.	Merely a pool of water in the bed of the Narra, no village but one or two Banians have been attracted with a small supply of grain; crossed the Narra at starting, its bed 1 mile broad, it was found the best road when there is water is by Metrao, the road to day was distinguishable as a road, and not so bad, the rest heavy sand; Keywarrie affords abundant supplies of water and grass.
	Marija Dund.....	16th Oct. 1840.	18	2	N.	A few huts, the road very heavy, passed several dry branches of the Narra, a long march must have been made this day or the next.
	Kator-ka Koond.....		14		N.	A pool of fresh water in the bed of the river Narra, and a few huts half a Coss West, no supplies, the Banians have brought grain from a Beloochee village, 3 Coss distant, road sandy and heavy, still a desert with jungle.
	Choonka 12					
	Phariara N. 4 ,, 7		16	7		10 Houses and 20 shops, deep pools of water in the bed of the river, it came from the Indus in July last, it is fresh; passed two pukka villages, Sora and Choonka, the last 4 miles very heavy sand, extensive jungle nearly the whole way.
	Right bank of the Narra river.....		14		N.	A few huts, plenty of water, road through a dense jungle, the path scarcely visible, but the soil hard.
	Tremou.....		14	5	N. then W. then N.	Supplies and water abundant, road at first through a dense jungle then cross the low hills which run south from Roree, from thence to the village over a cultivated plain.
	Roree.....		13			
	Total miles.....		396	2½		

True extract.

(Signed) J. HOLLAND,
Acting Quarter Master General of the Army.Qr. Mr. General's Office, Poona, }
6th September 1843. }

**ROUTE FROM DEESA TO VEERAWOW IN PARKUR, ROUND
THE HEAD OF THE RUNN.**

*In the month of November 1832, as surveyed by Lieutenant Holland, Deputy Assistant Quarter
Master General, Parkur Field Force.*

GENERAL DIRECTION WRST BY NORTH.

	Division of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Road & Soil.	Water.	Supplies.	Distances.		REMARKS.
							Miles.	Furlongs.	
Deesawul district in Guzerat.	do.	Political Superintendent at Palhanpoor.	CAMP NEAR DEESA TO						
			Jackole	Good cart road, some parts heavy from sand, and the whole march confined by jungle.	One large brick well with a large cistern and trough; water slightly brackish, 100 feet from surface.	Scanty 3 shops.	13	7	At 7m. cross the Bunass river 2 furlongs wide, one foot water. At 6m. 6½f. leave Daumah, 40 houses, on left. At 10m. 6½f. do. Wurnora, 20 houses, Pass Jackole, 60 houses on right, & encamp beyond it near the well.
			Lauknee. ..	Do..... do.....	Do..do. water sweet, and 80 feet from surface.	None.....	10		At 6m. 1f. Agtulla, 20 huts, 1 well on left encamp near the well at Lauknee, a wretched village of 15 or 20 huts, in an undulating sandy country overgrown with jungle.
			Thurraud. ..	As before.	Abundant from 3 large wells with cisterns &c. all brackish save one inside the town to the south.	Abundant ..	13	6½	At 4m. 3½f. Jeentra, 40 houses on left ,, 7m. 3½f. Korda, ... 40 do. do. ,, 12m 3f. Mullopoor, 50 do. do. encamp south east of Thurraud near a large well, the town contains 600 or 700 houses, it was deserted during the famine of 1813 and is in a ruinous state, but gradually recovering.
			Bhurrole. ..	Through level country partially cultivated, remainder open jungle; a good cart road, some part rather heavy.	Abundant from 8 or 9 stone wells north of the village, but all of them slightly brackish.	Moderate .. 8 or 9 shops	11	4½	At 1½m. enter south gate of Thurraud ,, 5½m. leave north do. do. ,, 22½m. Choormeer, 50 houses on left ,, 53½m. Bachur, .. 60 do. do. ,, 66½m. Edata. .. 75 do. do. Encamp north east of Bhurrole near the wells.
Sachore district in Marwar.	do.	Governor General's Agent at Ajmeer.	Bhatkee. ..	Good hard cart road in a level and open country; the first half of the road is rather jungly.	Moderate from a well and pits in a tank.	None	14		At 6m. 2½f. Sumval 60 houses on left ,, 9m. 7f. Dhyup } 20 do. on right. ,, 10m. 5f. Dhyup } ,, 14m. Bhatkee. .. 30 do. the boundary between the Joodpoor, and British possession lies between Dhyup and Bhatkee. The Nueyur or country occasionally inundated by the Loonee, a fine grassy plain, commences about the same place.
			Kijreeara. ..	Excellent cart road over a hard plain in the dry weather, but difficult in the monsoon.	Good and abundant from pits close to village and a large pool 1½ mile S.S.W.	Scanty.....	9	6½	At 3m. 4f. Dingpoora, 20 houses on right. ,, 4m. 4½f. Cross Loonee river 20 yards wide, low sandy bank and bed and no water. At 4m. 6½f. Boyatra 150 houses. ,, 8m. 3f. Cross another small branch of the Loonee 20 yards wide, sandy bed, low banks, water in pools and quite salt. At 9½m. cross a third branch of the Loonee 50 yards wide, bed and banks as before, and salt water in pools only. At 9m. 6½f. Kijreeara 40 houses. In the monsoon troops should encamp 3 or 4 miles west of the village, as the ground near it is marshy at that time.
Disputed.			Wumlee....	A hard level plain gradually approaching the Runn, which latterly intersects part of the road; in the monsoon this would be marshy but not impassable.	Sufficient for a Regiment of Infantry, from several pits and to be found by digging a few feet.	None.....	19		At 7 furlongs cross a narrow branch of the Loonee with little water and sandy bed. The sand hills of the desert continue along the right, and the head of the Runn along the left hand; Wumlee is one of several places in this neighbourhood where water is found near the surface, and where during the the monsoon only, a few cultivators reside.
Carried over.							92	0½	

Division or description of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Road & Soil.	Water.	Supplies.	Distances.		REMARKS
						Miles.	Furlongs.	
Parkur district in Scinde.	Resident in Cutch.	Guddra..	Do..do. the last 4 or 5 miles over a sandy & undulating plain.	Good but not abundant from 2 tanks and pits in their beds.	Brought over	92	0½	Shortly after leaving Wumlee the direct road leads for 4½ miles across the Runn, which early in November is quite dry, by making a detour to the right, it may nearly all be avoided; at 6m. 5f. Dingasir, 40 houses on right; at 9m. 6f. Guddra, on right 50 houses; encamp S. S. W. from 2 to 7 furlongs.
		Veerawow..	Good cart road, the first half intersected by inlets of Runn the remainder hard and stony soil.	Abundant and good from 4 tanks and 2 or 3 wells.	Moderate...	11	6	
		Total.....				113	6½	

From Veerawow to Girammee in the Thurr (the first Stage on the Route to Balliaree) is about 18 miles, thence to Balliaree by the survey of Lieutenant Jacob, of the Artillery is 61 more, or 79 miles in all.

J. HOLLAND, Major,
Deputy Quarter Master General of the Army.

ROUTE FROM NUGGUR PARKUR TO ROREE NEAR SUKKUR, VIA DEYPLA, WUNGA BAZAR AND ALIYARKA TANDA.

Surveyed by Lieutenant Jacob Artillery, between 24th October and 15th December 1840, Measured with Perambulator by the Guides of the Quarter Master General's Department.

Division or description of Territory.	NAMES OF PLACES.	Distances.				REMARKS.
				Stages.		
		Miles.	Furlongs.	Miles.	Furlongs.	
British Government of Scinde.	FROM NUGGUR (PARKUR) TO.					
	Giramnee or Giramnee.....	13		13		Deserted, the wells nearly all fallen in, the rest contain a little good water, forage very scanty. There is a direct road from Sonceaut to Giramnee avoiding Juhangroo, distance about 16m 4f. started at 2 A.M. arrived at 8, lost the road and went 2 miles out of the way.
	Juhangroo.....	10				Deserted, several wells have fallen in, but sufficient remains for a troop of horse with followers, forage.
	Sonceaut.....	8		18		2 or 3 huts, water from 2 wells sufficient for a troop of horse with followers, forage abundant, started at 2, arrived at 6 A. M.
	Mohumbah.....	12	2	12	2	One pukka stone well, affording an abundant supply of good water, forage abundant and good, started at 2 arrived at 5, 30 A. M.
	Goralusha.....	4	4			A large village of herdsmen's huts, abundance of water from 18 wells, each sufficient for a buffalo kos to draw abundance of excellent water from, some forage.
	Carried over.....			43	2	

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances.				REMARKS.
		Miles.	Furlongs.	Stages.		
				Miles.	Furlongs.	
British Government of Scinde.	Brought forward.....			43	2	
	Wadun.....	7	2	11	6	A few huts, water from several wells, forage abundant and good, supply of water sufficient for a troop of horse with followers. Started at 2 A. M. arrived at 6 A. M.
	Mohora.....	3				A few huts, abundance of brackish water from several wells, forage abundant and good.
	Chahoo.....	4	6			12 huts, much water from several wells, good and plentiful, forage.
	Borelee.....		6			Deserted, wells dried up and fallen in, excellent forage.
	Butwoo.....	3	2			2 or 3 huts.
	Koral.....		6	12	4	20 huts, much good water and forage, 2 wells close to village and 13m. 6f. to the north. Started at 4 A. M. arrived at 7 A. M.
	Vellar.....	9	4	9	4	A large village of huts, water plentiful and good from several wells, forage abundant and excellent. Started at 4 arrived at minutes 6. 30.
	Deyplah....	8	6	8	6	Large village, abundance of water from a deep tank and wells, forage.
	Soomree-ke-Koeee.....	16		16		No village, plenty of very brackish water in a marshy valley, a little sweet water in two pits, forage abundant.
	Mahomed Shah-ka-Gote.....	7				A small village, water abundant, forage scarce, the sand hills end 1 mile after reaching Mahomed Shah-ka-Gote.
	Wunga Bazar.....	4		11		A large village, grain, rice, flour, ghee &c. procurable; a large branch of the Indus full of water, left by the overflow of the river, but quite stagnant, it is not fordable at Wunga Bazar but is crossed by a ford five miles south of the village; from this place to Shah Alum-ka-Gote the direct road across the river is only 10 miles, round by the bund it is 13m. 2f., road intersected by many difficult canals, hard and level.
	Shah Alum-ka-Gote.....	13	2	13	2	Water from dund and wells, a small village, grain and forage procurable, road intersected by canals.
	Uddooree.....	10	4	10	4	15 Houses, good water from a large piece of marshy ground, supplies of flour, grain, ghee &c in small quantities, abundant forage.
	Nonnujoo Gote....	1				5 Houses, water from canals and wells.
	Lussarunja Gote.....	1	2			3 Ditto.
	Jumalunja Gote....	2	2			1 ditto, water from canals, wells.
	Mooreed Jamallee.....	1	6			10 ditto..... do..... do.
	Futtoodhunjo Goonja.....	1	6			7 Shops.
	Futtay Alli Jamalee.....	2		10		20 Shops, supplies, water and forage abundant, water from a piece of marshy ground to the north of the village; good level road cross several canals.
	Goolam Ali.....	12		12		A large village on a branch of the Indus, supplies, forage &c. abundant.
	Lugarunja Gote.....	5	7			3 Shops, 2 kutcha wells, small village.
	Alikhan-ka-Tanda....	3				2 ditto, little water from wells.
	Manik Chund.....		8			1 ditto.... ditto..... do.
	Shadramee Gote.....		5			2 ditto.... ditto..... do.
	Goolabja Gote.....		7			2 ditto.... ditto..... do.
	Angoo Manoo.....	1	1	11	7	5 ditto 1 large pukka well with an abundant supply of water, village small and supplies scanty, it has the remains of a large place.
		Carried over.....			170	3

Civil district and Poll. Authority.	NAMES OF PLACES.	Distances.				REMARKS.
		Miles.	Furlongs.	Stages.		
				Miles.	Furlongs.	
British Government of Scinde.	Brought over.....			170	0	
	Burra Khan.....	1	3			3 Shops, 2 wells.
	Nusseer Khan-ka-Gote.....	2				5 ditto 3 do.
	Syud-ka-Gaum.....		6			2 ditto 2 do.
	Syud-ka-Gaum.....	1	5			3 ditto 1 do.
	Bulla Chaltee Gote.....	1	2			8 ditto 3 do.
	Meer Khan.....	1	4			5 ditto 3 do.
	Goolam Hoossain....	1				3 ditto 2 do.
	Aliyarka Tanda.....	6	4	16		A large town, supplies, water and forage abundant.
	Theydah.....	1	2			3 Shops, 2 wells.
	Chadrah.....	2	1			2 ditto 1 do.
	Talpoorad.....		7			 1 do.
	Nusserpoor..	8	7	8	1	20 ditto 12 do. large village, supplies.
	Syud Gaum.....	2	4			4 ditto 2 do.
	Pulley-ja-Ghote.....	2	6			12 ditto 3 do.
	Syud Gaum.....	4	2			1 ditto 4 do.
	Belooch Poora.....		6			 2 do.
	Santajee Gote.....		4			2 ditto. 1 do.
	Shahi Kaut.....	3	4	14	2	15 ditto 1 do. Supplies and forage abundant, 200 houses.
	Mhod.....	2				10 Shops, 3 wells, 300 houses.
	Keybur.....		5			30 ditto 3 do. 400 do.
	Kundoo Gote.....	4	4			5 ditto wells and dund, 100 do.
	Sall.....	1	4			20 ditto 2 do. 300 do.
	Nowa Hala.....	4	5			50 ditto 6 do. 500 do.
	Poorana Hala.....	1	6	15		20 ditto 2 do. and a dund, this place is out of the direct line, but the troops were moved there in consequence of the water at Nowa Hala.
	Sundana Gote.....	2	3			1 Shop, water from a dund.
	Adwarunja Gote.....	1	3			1 ditto 1 kutcha well.
	Anjanajut.....		5			2 ditto 1 do. do.
	Beelolee Peer-ka-Mookam..	1				 1 Pucka do.
	Meerpoor.....	1	2			1 ditto 1 do. do.
	Luda-ka-Gote.....	2	4			2 ditto 1 Kutcha do.
	Syud Abad.....	2	1	11	2	15 ditto. 1 Pucka, large inlet from the Indus, forage abundant and good, supplies procurable.
	Syud Gote.....	1	7			10 Shops 1 pucka well.
	Ababeyja Gote.....	2				1 ditto 3 kutcha wells.
	Manarunja Gote.....		5			3 ditto 3 do. do.
	Pingara.....	2	1			5 ditto 1 pucka and 2 kutcha wells.
	Punjinora.....	1	2			3 ditto 2 do. do.
	Kucherry.....	3				 1 do. do.
		Carried over.....			235	..

Civil district and Poll. Authority.	NAMES OF PLACES.	Distances.				REMARKS.
		Miles.	Furlongs.	Stages.		
				Miles.	Furlongs.	
British Government of Scinde.	Brought over.....			235	0	
	Goolab Hoossin Gote.....	1	6			2 Shops, 2 kutcha wells.
	Sukkurrunda.....	5	5	18	2	15 ditto. 1 pucka and several kutcha wells, a large dund of water, supplies and forage abundant, road excellent over hard level country with thin jungle and cultivation.
	Jullarane Gote.....	1	4			10 Shops 2 wells.
	Dhawudda Gote.....	2	2			5 ditto 3 do.
	Rahooja Gote.....	3	2			2 ditto 2 do.
	Doodeyra.....	3	2			2 ditto. 2 pucka wells.
	Rahooja Gote.....	2				3 ditto. 2 wells.
	Gungana Gote.....	1	4			1 ditto 1 do.
	Joonaja Gote.....		6			1 ditto 1 do.
	Futtypoor.....	2	5			1 ditto
	Looni, (name uncertain).....	2	2	19	3	10 ditto. 4 pucka wells and a dund, forage abundant and good and a few supplies, road through thin jungle.
	Boogarunja Gote.....	10	4			 1 kutcha well.
	Ghorum Rahooka Gote.....	2	4			3 Shops 3 do. do.
	Dowlutpoor.....	5	5	18	5	20 ditto. 2 pucka wells and a tank, supplies and forage abundant, road rugged and intersected by canals, level country, thin jungle.
	Shahpoor.....	4	6			8 Shops, 3 kutcha wells.
	Dall.....	5	2			 1 do. do.
	Morah.....	2		12		60 ditto. 6 pucka wells, supplies and forage abundant, road very good but crossed by several canals.
	Purwah.....	10	1			1 Shop 1 well.
	Kohur.....	2				2 ditto 1 do.
	Kohur.....	1	3			2 ditto 2 do.
	Nowsharra.....	4	1	17	5	50 ditto 6 pucka wells, large town, forage and supplies abundant.
	Kahee.....	2	1			30 Shops, 4 pucka wells and tank.
	Boodee.....	1	1			ditto 1 kutcha do.
	Bahadoor-ka-Kote.....	1	4			6 ditto 2 pucka do.
	Beyreea.....	1	6			30 ditto 2 do. do. and canal.
	Dookurra.....	1	4			Ditto . 1 kutcha.
	Boorda.....	2	6			4 Shops, 2 pucka wells and tank.
	Boopa.....	1	4			4 ditto. 2 kutcha do.
	Kundeara.....	4	2	16	4	100 ditto. 20 pucka wells, large town, dund or lake, supplies, forage &c. abundant, good Bazaar.
	Beloochpoor.....	1	2			 1 pucka well.
	Wasna.....	1	2			1 Shop 1 do. do.
	Young Gote.....		7			3 ditto 4 do. do.
	Syud Gaum.....	4	4			6 ditto 5 do. do.
		Carried over..			337	3

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances.				REMARKS.
		Miles.	Furlongs.	Stages.		
				Miles.	Furlongs.	
British Government of Scinde.	Brought forward.....			337	3	
	Kalora.....	2	1			2 Shops 3 pukka wells.
	Khan-ka-Baun.....		7	10	7	20 ditto 20 do. do. Supplies, water and forage abundant.
	Deynut.....	1	4			4 ditto 2 5 pukka wells.
	Daghut.....	1	2			4 ditto 8 do. do.
	Sunnoree.....	2	6			10 ditto 3 do. do.
	Meeruk.....	1	1			4 ditto 5 do. do.
	Keeah Goolshanee.....	1	2			3 ditto 2 do. do.
	Soobey-ka-Deyrah	4	3	12	2	20 ditto 15 do. do. 300 honses, supplies, water and forage abundant.
	Satee.....	4	4			2 Shops 2 2 pukka wells.
	Gumbut.....	3	7			40 ditto 8 do. do.
	Koreh.....	1	5	10		20 ditto 20 do. do. Supplies, water and forage abundant.
	Shahi Jarra.....	5	4			1 ditto 1 do. do. pukka well.
	Shaik Mahee.....	3	4			2 ditto 2 do. do.
	Dingaree-ke-Murree....	1				10 ditto 2 Kutch wells, village one mile to right of road.
	Gagree.....	3	3	13	3	5 Shops 6 pukka wells, water and forage abundant limited.
	Ahmedpoor.....	2	2			2 Shops 2 pukka wells.
	Lookman-ka-Tanda.....	2				40 ditto 7 do. do.
	Yumbeer.....	2	2			3 ditto 2 do. do.
	Bairah..	2				3 ditto 2 do. do.
	Peeroo Mhya.....	1	4			5 ditto 3 do. do.
	Gharee Moree.....	2		12		1 ditto 6 do. do. Two large villages close together on a canal, forage and water abundant, supplies limited.
	Mahomed Shah.....	1	4			2 Shops 2 pukka wells.
	Nanteh.....	1	2			3 ditto 3 do. do.
	Syud Gaum.....	1	4			2 ditto 3 do. do.
	Shamtee.....	1	4			2 ditto 2 do. do.
	Roree on the Indus.....	2	2	8		Large town opposite, to Sukkur.
		Total miles.....			403	7

GENERAL REMARKS.

From Roree to Wunga Bazar 291 miles, the country is perfectly level, soil fertile and richly cultivated, Jowaree being the most common grain, wheat, barley, rice, bajree, carrots &c. are procurable in abundance at every large village, the road is much intersected by canals of all sizes, so that pioneers are essentially necessary for Artillery, many of the large canals have been bridged but the bridges are now dilapidated and decayed.

The tank at Deyplah is supplied by springs and never fails; the march from Soomree-ke-Kooee is by far the worst from Wunga Bazar to Parkur, between which places the sandy desert extends, the sand hills being very steep and the sand loose, it was however performed by Lieutenant Jacob's 3 carts, with 2 bullocks each, and with the usual loads; from Wunga Bazar to Soneaut 82 miles, excellent grass and water in abundance were found.

This Route was traversed by the 4th Troop of Horse Artillery, Wing 1st Regiment Light Cavalry, and 3rd Regiment Light Cavalry.

(Signed) GEORGE BOYD, Captain
Acting Assistant Quarter Master General Scinde Force.

ROUTE FROM AHMEDABAD TO KASBA,

General Direction N. W.

Division or Description of Territories.	Nearest Civil Authority.	NAMES OF PLACES.	Distance.		Stages.	Total Distance.		Road and Soil.	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.		Miles.	Furlongs.				
Guzerat.	Collector at Ahmedabad.	FROM AHMEDABAD TO.									
		Adaulij.....	9	5	1	9	5	Soil sandy, flat, open & cultivated, a large cart ruts rather deep.	Abundant & good, from a large Boree and tanks	Limited 5 or 6 shops & 10 carts.	300 Houses, encamping ground close to the celebrated well, Troops encamped about 200 yards to the north of it; also to the east of the town. At 4m. 5f. pass Gamree, small village. ,, 7m. 1f. pass Toondul, small village.
		Kullore.....	7	6	2	17	3	Do. do. partly enclosed, cultivated, road excellent.	Abundant.	Abundant.	A large village, encamping ground N. E. The ground is confined, In this march pass two large villages Seertah & Sye.
	Resident at the Court of H. H. the Guicowar.	Kurree.....	11	4	3	28	7	For the first 7 miles the soil much overgrown with bushes, & the road straitened by the hedges most of the way.	From tank and wells abundant, and from the latter good, the tank partly dry.	Abundant.	A large fortified town, encamping ground S. extensive cultivation; In this march pass Chatroul, Andrah and Boodrur the first and last large villages.
		Rodottal.....	15	4	4	44	3	Soil hard, road good & open.	Tank dry, supply from wells limited, but good.	Indifferent	Encamping ground W. In this march pass Anoondva Nugrassun Chabiserah, Dundulpoor Dangahgaum, and Fullahpoor, villages.
		Bycheerah.....	10	6	5	55	1	Do. do...	Abundant from wells, but few of them good.	None....	A fort with brick wall and towers, Encamping ground S., in the first 4½ miles pass Rabbhor; Kuttojee, Gondallah, Arkoo and Burriapoor, these are small villages, except the last one; at 6 miles pass Datree.
		Moonjpoor.....	13	4	6	68	5	Do. do..	Numerous wells, but water indifferent, tank dry.	Indifferent	Large town, encamping E. of it near a dry tank, at 2 miles pass. Pencherrea, at 6 miles cross Roopen river, with shallow pools in its bed. At 8 miles pass Tohur village (large.)
		Summee.....	8	6	7	77	3	Do. do..	Abundant but not good.	Abundant.	A large fortified town, encamping ground W., in this march pass Latee & Khatee small villages.
		Radenpoor E. Gate....	15	6	8	93	1	Do. do..	Well and tank.	Do.	Large town, Rajah of Radenpoor resides here. At 2m. 6f. cross nulla, shallow, ,, 4m. ,, pass Wurruna, small village. ,, 9m. 2f. cross Bunnass, river fordable, banks sloping. ,, 9m. 5f. pass Mussallee, small village. ,, 11m. 5f. pass the villages of Katacoul and Humerpoor, right and left.

Division or Description of Territories.
Nearest Civil Authority.

Parkur.

Political Agent in Cutch at Bhooj.

NAMES OF PLACES.	Distances.		Stages.	Total Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
	Miles.	Furlongs.		Miles.	Furlongs.				

Brought forward.....				394	4				
Dysir.....	9	4	9	102	5				At 6f. W. gate, Raden poor. ,, 2m. 2f. pass Futtigurh, (ruins.) ,, 5m. 1f. pass Beelotee, small village. ,, 7m. 7f. Mamsira, tank.
Moorwarra..	9	3	10	112					At 2m. 4f. cross nulla, shallow. ,, 3m. 3f. pass Loodurra.
Sooeegaum.	9	3	11	121	3				A town, encamping ground near the Runn. At 6m 5f. pass Limboonee, small village.
Nurrah Bate.....	13	1½	12	134	4½	6½ Miles good sandy road, then enter Runn, quite hard and dry, road on Nurrah Bate hard and good.	Sufficient for a Regiment of Infantry, in numerous pits about 3 feet deep, water brackish but improves by being drawn.	None, forage abundant.	At 6m. 4f. enter Runn. ,, 10m. 1f. pass Rijreed Bate, a small grass Island. ,, 12m. 1f. enter Nurrah Bate, a large uninhabited Island, covered with grass and a few bushes, surface nearly level. ,, 12m. 5f. are a number of water pits, called Dhora Veera the best on the "Bate," encamping ground west of them, and near some other pits called Ragoo Veera; as much drinking water as possible should be carried from Sooeeegaum, and a party should be sent over night to clear and draw some of the pits, great care should be taken not to set the grass on fire.
Ramsirra Tank near Burranna.....	17	6½	13	152	3	In the beginning of Novr. 1832, the last three miles of Runn was muddy but not difficult to cross, soil in Parkur hard and pebbly.	Abundant from several tanks in the vicinity in Novr. 1832, tanks dry in Novr. 1833.	Scanty from Burranna about 1 mile N. E.	At 5m. quit Narrah Bate, and enter on the Runn. ,, 8m. 4f. Boordia Bate, on left hand. ,, 12m. 7f. leave Runn & enter Parkur country, low, slightly undulating covered with grass and a few bushes. ,, 15m. 4f. Burkooah a good tank with a well in it, where the detachment might halt and proceed direct to Kasba. The Burkooah tank generally lasts longer than any other in the vicinity.
Kusba..... 6½ miles, south of Nugurparkur which is 15 miles, from Burranna.	17		14	169	3	Hard and good.	Abundant and good.	Scanty	Burranna is 18 miles from Veerawow distance computed. Kusba is the head quarters of the Parkur out posts.
Total miles....				1180	6½				

Compiled in the Qr. Mr.

General's Office, Bombay, in 1839.

From Major HOLLAND and Capt. DELHOSTE's Routes.

REMARKS ON THE ROUTE FROM ROREE TO JEYSULMEER,
VIA KHYERPOOR.*Distances estimated.*

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Khyerpoor Territory Political Agent at Sukkur.	Roree.....			Roree is built on the eastern bank of the Indus, it is a good sized place; the houses are built in the same manner as those of Hyderabad, being a frame work of wood with mud plaster, the bazars are good; outside the town there are the ruins of several large mosques and tombs, which shew that it must have been a place of considerable importance. The banks of the Indus about Roree are thickly lined with date trees, there are also many persian wheels used to water sugarcane and wheat fields.
	Khyerpoor....	16	6	A good road with many villages and cultivation, water is to be procured from wells at every place. Khyerpoor is a large town, the capital of Meer Rustoom Khan, supplies of all kinds plentiful.
	Tremow.....	8	5	Road over a level country with low jungle, there is a good deal of cultivation round the villages, which are numerous, supplies abundant, cross a small canal which during the inundation brings water from the Indus, there is a narrow stone bridge of three arches over it, the village contains 25 shops.
	Gurree.....	15	3½	Two miles from last ground, pass some rather handsome tombs, two miles further, cross a low range of stony hills, which extends from Roree to the south 80 miles. The country after this is level, with jungle and small hamlets till you come to the banks of a branch of the Indus, called the Nara, which is filled during the inundation, it is about 50 yards broad and 20 feet deep, there was a little water in it flowing to the south; this branch is supplied by three feeders from the river, and passes near Omerkote and Luckput Bander. Gurree is a pretty good village with ten shops, supplies moderate, there are two more villages within a few miles, a shorter road from Tremow passes by Salika Budra, but the Nara is difficult to cross on account of the mud.
	Rajaree.....	16	5	N. B.—The direct road from Roree joins in here, it passes by Sungrar a large village, distance 20 or 24 miles, road through dense jungle of tamarisk with low sand hills; at 3 miles pass a large sheet of good water, which remains throughout the year from the inundation, there are some wheat fields along the road and occasionally a few miserable huts. Rajaree is inhabited by goat herds. There is one good well and three small ones, but water can always be obtained at a few feet below the surface; coarse grass abundant, but no supplies.
	Oodur.....	16	5½	Road through low jungle with sand hills on each side, pass two small hamlets of goat herds, the first Muttee 10 miles, 5 huts and one good well, water 3 feet deep; the second Banahon 2½ miles further, has one good well 2 furlongs off the road. There are two good wells at Oodur and one filled up, also a little coarse grass, but no inhabitants. The Fort was destroyed by a flood nine years ago, a small mound with trees is all that remains of it.
	Metrao.....	15	6	Sandy road with low jungle, about half way pass the hamlet of Korora, where there are 3 good wells, Metrao is a small mud fort, with a party of 5 or 6 matchlock men to prevent robberies, there are 5 good wells and one shop, but scarcely any supplies.
	After the Rains,—Soobara....	18	3	Road very heavy over sand hills, covered with low brushwood and tufts of grass.
	Surdar Ghur, or Gottarao	37		There are three small ponds of rain water along the road, one at 5m. 6f., the second called Buneah Wallee, at 8m. 6f., and the third half way to Surdar Ghur, called Sobarah 18m. 3f., they are sufficient for small parties not exceeding a wing of a Regiment of Infantry, but could be easily deepened; the water does not remain during the hot season, coarse grass very abundant. Surdar Ghur is a brick fort with round Bastions about 200 yards square, the gate is on the south face, the outer wall may be 10 feet without the parapet, the inner one 20 or 25 feet, and the keep about 10 more, it appears in good order and mounts two guns; the Ameer of Khyerpoor maintains 100 matchlock men in it; there are 5 wells 150 feet deep, 2 within the fort and 3 outside close to the walls; in the village there are two shops, but supplies are very scarce.
Carried over.....		126	7½	

Civil district & Poll. Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Jeysulmeer Territory Superintendent of Mulance.	Brought forward.....	126	7½	
	After the rains, Mourdalie.....	24	4	11 Miles, road the same as last march, when you pass the boundary of the Khyerpoor and Jeysulmeer States, the sand hills here end, and the road is pretty hard; at 24m. 4f. and about ¼ mile off the road, is the village Mourdalie, consisting of a number of Shepherds huts, and a few small muddy ponds, about one mile further on, there are 12 small wells amongst sand hills, they contain a little good water, but could be easily concealed, neither the ponds or wells are to be depended on, except after the rains; there is coarse grass at Mourdalie.
	Karah	8	4	Karah is a small stone fort and village with 6 wells and 3 shops, supplies very scarce.
	Kurchrie.....	9	3	Good road, there are 13 stone wells and a small pond with good water and coarse grass, but no village.
	Chutrail.....	15	6	Over a good road with a tank of rain water, at 12m. 3½ furlongs there are 5 good wells here and coarse grass, but no village.
	Jeysulmeer....	14	7	Stony road; at 4m. and 3 furlongs off the road, is the village of Sondra, 3 shops and wells; 2 miles from Jeysulmeer, pass the village of Oumer Sagur, 20 shops and a fine tank, water is found in tanks, and one nulla all along this march. Jeysulmeer, supplies most abundant, long cloth and coarse blankets are manufactured here.
	Total.....	199	7½	

I was informed that between four and five hundred camel loads of merchandize, pass between Khyerpoor and Jeysulmeer every year. I traversed this road soon after a heavy fall of rain, and found water sufficient for my small detachment at convenient distances, but it is almost impassable for Artillery, on account of the sand hills over which the road runs, they vary from 10 to 30 feet in height, and are extremely heavy.

Detachments might proceed by this Route (after the rains,) but during the hot season, the marches would be too long, Infantry not exceeding a wing of a regiment, and cavalry not exceeding a squadron, or inconvenience will be found in watering the horses and cattle; if necessary, double that number might go, but considerable delay will be experienced in drawing the wells.

The revenue of the small state of Jeysulmeer, is, I was told, only 1 Lack and 60,000 Rupees a year, derived principally from transit duties, the army consists of 4000 men, 200 cavalry and 1,500 matchlock men, mounted on camels, and 2300 infantry, the city contains 8000 houses, 4000 in the upper fort, and the rest below, the buildings are of sand-stone, most of them elaborately carved, the windows in particular are extremely curious. The palace of the late vizier is a princely edifice, but like all Hindoo towns, there is a great mixture of meanness and lavish expenditure, in the same building and within a few feet of some beautiful balcony, you see a miserable wall of uncut stone, the houses are also most of them too small, and the great scarcity of wood is a serious inconvenience. The lower city was formerly surrounded by a wall and bastions, but this has fallen to ruin, and the sand has drifted against it, so as to form an easy ascent; I visited the upper fort which is built on a detached hill, the base of which has been scarped for about 12 feet, there is only one entrance winding up the hill, between lofty stone walls, it has two gates and an outwork with a third, the doors are strongly plated outside with iron, within the outwork is kept the train of artillery, I counted 8 guns and one on the works, two of them are of large caliber, they as well as the carriages are next thing to useless. The defences of the fort consist of two tiers of round towers, with short curtains, the loop holes are not numerous, a quantity of stone shot are piled on the top of the parapets, ready to be hurled down on the beseigers, the buildings above are very close; they have five wells in the upper fort, but all but one are brackish, this one they say, would be sufficient for the inhabitants, at present they bring the water from two large tanks, which are outside the city, in them are some beautiful Hindoo temples. The palaces of the Rajah are close to the gateway, I was only shewn the interior of one, if it be a fair specimen of the rest H. H. is not very splendidly lodged, all the ornaments appear to have been expended on the exterior, the inside is dirty, the rooms are small and low.

Jeysulmeer, 16th February 1840.

HENRY CREED, Lieut. Arty.
Attached to Qr. Mr. Genl's. Department.

**ROUTE FROM JEYSULMEER TO ROREE OPPOSITE SUKKUR ON
THE RIVER INDUS.**

Surveyed by Lieutenant Henry Creed, Bombay Artillery, in February 1840, Distances estimated.

Qr. Mr. General's Office, Poona, 25th September 1840.

District or Division of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS.	
			Miles.	Furlongs.	Stages.						
					Miles.	Furlongs.					
Jaysulmeer Territory.	Political Superintendent of Mulanee.	JEYSULMEER					Cart road..	Two large tanks and 5 wells in the fort.	Abundant of every kind.	The capital of the Jaysulmeer state, a walled town of about 10,000 houses; long cloth and coarse blankets are made here.	
		Oumer Tagur.....	2				Road stony.	Tanks and nullas.	20 Shops.		
		Soudra, 3miles off the road	8	7				Wells.	3 ditto.		
		Chutrail.....	4	... 14	7			5 good wells.	Coarse grass.	No village.	
		Tank of rain water.....	3	6							
		Kuchree.....	12	 15	6	Good road..	13 Stone wells and a pond.	do... do..	No village.		
		Koarah.....	9	3 9	3		6 Wells.	3 shops.	A small stone fort and vil-		
		Twelve small wells.....	7	4			good, but small.		lage, supplies very scarce.		
		Mourdalee.....	1	 8	4		A few mud-	Coarse grass	A number of Shepherds here,		
							dy ponds.		neither these wells or		
									ponds are to be depend-		
Khyerpoor Territory.	Political Agent at Sukkur.	Boundary line between } the two States..... }	13	4			do.. do ..			The sand hills commence here covered with low brush wood and tufts of grass.	
		Surdar Ghur or Gottarao.	11	 24	4	Road very heavy over sand hills covered with low jungle and tufts of grass.	5 Wells 150 feet deep, 2 within the fort and 3 outside, close to the walls.	2 shops in the village, but supplies very scarce.	A brick fort with round bastions 200 yards square, the gate is in the S. face the outer wall, 10 feet with the parapet, the inner 20 or 25 and the keep about 10 more, it appears in good order and mounts 2 guns, the Khyerpoor Ameer maintain 100 matchlock men in it.		
		Sobarah.....	18	5 18	5	Sandy road with low jungle.	One small pond of rain water.	Coarse grass very abundant.	These are three small ponds of rain water, they are sufficient for small parties such as a wing of a regiment of infantry, they could easily be deepened, the water does not remain during the hot season.		
		Buniah Wallee.....	9	5			Do.. do...				
		Small pond of rain water.	3				Do.. do..				
		Metrao.....	5	6 18	3	Road very heavy.	5 good wells.	1 shop, few supplies.	Metrao is a small mud fort with 5 or 6 matchlock men to prevent robberies.		
		Korora, 3 good wells....	7	7		Over sand hills.	3 good wells.		Korora is a small hamlet.		
		Oodur.....	7	7 15	6	Road sandy with low jungle.	2 good wells, and one filled up.	A little coarse grass.	No inhabitants, the fort was destroyed by a flood 9 years ago, a small mound with trees is all the remain of it.		
		Banohon, 2 furlongs off } the road..... }	4	1			one good well		A small hamlet of Goat-herds.		
		Carried over....			125	6					

District or Division of Territory. Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS.
		Miles.	Furlongs.	Stages.					
				Miles.	Furlongs.				
Khyrpoor. Political Agent Upper Scinde at Sukkur.	Brought over.....			125	6				
	Muttee.....	2	4			Road thro' low jungle with sand hills on each side.	One good well 3 feet deep.		A small hamlet of 5 huts.
	Rajaree.....	10	1	16	5½		One good well and 3 small ones.	No supplies, but coarse grass abundant.	Rajaree is inhabited by goat-herds, water can always be obtained by digging a few feet.
	Metrie.....	7	4						A few miserable huts, and some wheat fields along the road.
	Pools of water.....	3	4				Large sheet of water lasts all the year.		* Course of the waters of the inundation.
	Gurree.....	5	5	16	5	Not stated..	Not stated	10 Shops supplies moderate.	Gurree is a pretty good village, there are two more villages within a few miles. The direct route to Roree runs off to the right here, it passes by Sungrar a large village, at about 9 miles; the total distance is from 20 to 24 miles, road through a dense jungle of tamarisk with low sand hills.
	Cross the Nara river....	2				50 yards broad, and 20 feet deep.	Nara river.		There was a little water running in it in February, it fills at the inundation.
	Bukur.....	3	4			Level with jungle and small hamlets			A small hamlet.
	Cross a low range of hills	5	4			Stony at the hills.			These hills extend from Roree to the south 80 miles.
	Pass some Tombs.....	2	3½			Road over a level country with low jungle and a			Rather handsome, named Kadur Bux.
	Tremou.....	2		15	3½	good deal of cultivation about the villages which are numerous.	Not stated	25 shops supplies abundant.	A large village, cross a small canal here, which in the inundation brings water from the Indus, there is a narrow stone bridge over it of 3 arches.
	Khyrpoor.....	8	5	8	5	Do.. do....	Wells abundant.	Abundant of all kinds.	A large town, Meer Roostum Khans' Capital.
	Roree.....	16	6	16	6	A good road with many villages and cultivation.	Indus river and wells.	Abundant of all kinds.	A large town on the eastern bank of the Indus opposite Sukkur, Bukkur fort is on an Island in the river between the two places, the banks of the Indus here are thickly lined with date trees.
	Total to Roree.. 199. 7½								
	Sukkur.....	1		1					
Total.....			200	7½					

It is stated that from four to five hundred camel loads of merchandize pass between Kyrpoor and Jeysulmeer every year. This road was traversed soon after a heavy fall of rain, and Lieutenant Creed's small party found water sufficient at convenient distances, but it is almost impassable for Artillery on account of the sand hills over which the road runs, they vary from 10 to 30 feet in height and are extremely heavy. — Detachments might proceed by this Route (after the rains,) but during the hot season the marches would be too long, Infantry not exceeding the wing of a Regiment, and Cavalry not above a Squadron or inconvenience will be experienced in watering the cattle, double that number might go, but delay and inconvenience will be experienced.

* There is a shorter road from Gurree to Tremou, which passes by Teslika Buddha, but the Nara is difficult to cross at it on account of the mud.

**ROUTE FROM ROREE UPPER SCINDE TO DEESA, VIA, JEYSULMEER
AND BALMEER.**

*Marched by the Left Wing 1st Lt. Cavalry Lancers, from 30th October to 8th December 1841, inclusive.
Camp near Deesa, December 15th 1841.*

Division or Territory.	Nearest Civil Authority.	STAGES.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Khyerpoor Scinde.	Political Agent at Sukkur.	Thurree.....	8		3 wells of in-different water.	Very scarce, forage to be found by the grass cutters.	On leaving Roree, road bad and stony over rising ground having no beaten track, country after 2 or 3 miles good, occasionally arable land, with patches of low tamarisk jungle; at 4 miles pass the village of "Aror" and about ½ mile beyond a smaller one named "Kassee," the usual halting place is Kotru which we passed to the eastward, Thurree is about two miles in advance of it, supplies for the wing had been collected at Thurree, encamping ground N. E.
		Sanghrur.	7		3 wells, & a tank fast drying up, a large lake about 1 mile to the northward.	Abundant, and forage.	At 4 miles cross the "Nara" a large canal extending from the Indus to and beyond Omercote, small pools of water in it, the first part of the road is through jungle, afterwards over a fine open country to "Teeghattee" or "Teeghat" (beyond the Nara,) when it becomes broken, confined and sandy; pass through the village or villages of Teeghattee occupying both sides of the road over a bank of heavy sand, and at about 1 mile distant is Sanghrur a large place between two ranges of sand hills,—provisions for the march hence should be here taken in, to last as far as Jeyzulmeer, forage for mounted troops must also be carried on from this town to serve for 4 days at least, good encamping ground east of the town on pasture land surrounded by tamarisk jungle. The wing and followers consisting of weak and sickly people, it was necessary to make this place in two marches.
		Vas or Vassah ..	6	4	1 kutchah well, with abundance in sheets or tanks of water from the inundations.	None, forage by digging for it.	Road through thick, marshy and unwholesome jungle, occasionally sand banks, but principally low swampy ground owing to the inundations, during the height of which this road must be impassable, when the country shall have wholly dried up, water is only procurable by digging for it in a nulla close to "Vas", which is a hamlet on a sand hill containing very few people and one banian shop—grass land and jungle all round, yielding abundance of pasture and other forage for cattle—encamping ground confined near the well and nulla to westward of village.
		Rajhur or Rajhurra. }	5		4 kutchah wells, of good water.	None, nor forage.	Through jungle and over low sand hills, with occasionally hard level ground—no habitations here nor forage—one well in a hollow under some trees, contains plenty of water, superior to any in the other wells. To "Mater" the stage mentioned in my route, furnished at Sukkur—I was dissuaded from proceeding by the inhabitants of "Vas" and my Guide Bahadur Khan, in consequence of the usual want of water there—to ascertain this fact however, I sent a party by "Mater" who joined me afterwards here by a march of 3 or 4 miles from east to west, they reported the two wells at "Mater" to be nearly dry and half full of sand, "Rajhur" or "Rajhurra" is a tract of land so called with several wells in every direction, to some of them three miles in advance of my own position a little to the right of the road my Commissariat establishment proceeded—this division of the detachment and followers is of infinite advantage to all parties. From Sanghrur to "Rajhur" should be one stage for able bodied men.
		Oodur.....	15		3 wells of very fair water, cleaned out the day before our arrival, were sufficient for all purposes.	None, nor forage.	Were exactly 4 hours marching, and I cannot think the horses on this occasion could or ought to be made to walk 4 miles per hour over such country, this observation arises from the difference of opinion as to distance, heavy sandy road through jungle varied by good hard soil occasionally; 9 miles from "Rajhur" is "Muttee-ke-Koe" thence to "Oodur" is 6 miles, the roads from "Mater" and "Rajhur" join at the first point of a heavy sand bank, along the base of which it is carried, at the other extremity is the one well at "Muttee-ke-Koe" good encamping ground, between the wells and a mound of ruins (of some fort, destroyed many years ago by a flood) under trees to the right; thick strata of salt in the immediate vicinity,
		Carried over....	41	4			

Division or Territory.	Nearest Civil Authority.	STAGES.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Khyerpoor.	Political Agent at Sukkur.	Brought forward.	41	4			
		Metrae.....	12	4	6 wells kutchah, of good water.	None, nor forage.	A small dilapidated fort on a very steep sand bank occupied by 6 or 8 sepoy of Meer Roostum Khan, one banian shop. Heavy sand hills throughout this march; at about 7 miles arrive at the 3 wells of "Karora," containing indifferent water, no dwellings could be discovered and my guide reported the existence of none.
		Gotaroo.....	30		5 wells, of which 3 only are at the disposal of troops, all puc-kah, very deep and difficult to draw water, rather brackish.	Very scarce, bad forage, more resembling dried brushwood, to be gathered about 2 miles around Gotaroo.	Baggage started at 4 P.M. 5th November, and (with the Commissariat) arrived at 8. 20 A. M. on the 6th a very severe march over successive, and for wretched Bullocks extremely trying sand hills, far worse than any thing from "Vas" to Metrae, at this place is a very pretty nearly new and strong fort, occupied by Alla Buksh, a most disobliging Killedar, & about 150 of the Ameer's sepoy well armed, the walls appear good and mount some few guns, no person is permitted to enter who does not actually belong to the fort, within which are two of the 5 pukka wells; very bad encamping ground in heavy sand, a few habitations and two banian's shops; to the surface of water in the wells 180 to 190 feet.
		Koocheree.....	35	4	Abundant & excellent from 12 or 14 fine puc-kah wells, 66½ feet to water's surface.	None, scarce of a coarse kind procurable, better was brought in small quantities by the herdsmen from adjacent villages.	No habitations, villages within two and three miles, whence supplies were brought to us by the herdsmen who only frequent this spot, with large flocks of remarkably fine sheep—the wing performed this march in good style, in 9 hours and 10 minutes, the baggages two days, Commissariat supplies and men's tents arriving at 9. 10 A. M. only one hour and 5 minutes after the wing. The road from "Gotaroo" for the first 12 miles is over most heavy sand hills, for six miles in almost immediate succession, at this latter distance is the boundary line between the Jeysulmeer & Khyerpoor States marked by a sand bank extending apparently north and south, to "Banda" the first spot where water is found after leaving "Gotaroo" is 22½ miles, here are three wells, one only of sweet water, which altogether failed for a few Commissariat and other people left to rest, the water from the other, the thirsty and tired bullocks refused to touch; from Banda 4½ miles is "Kweekara" where also the water from wells was very bad, from one in particular, the inhabitants declared should cattle drink, they would die, these circumstances rendered it prudent if not imperative that I should proceed to "Koocheree" 8½ miles further, at "Banda" there is no habitation "Kweekara," is a village with a fort in bad condition, 2 or 3 shops and a population of 100 or 150 souls, 2 miles to the N. E. of it some 14 or 15 small kutchah wells are to be found in some sand hills, and near a clump of trees visible from this village, they can each furnish enough water only for four or five horses, to "Koocheree" from "Kweekara" the road is sometimes through heavy sand and chiefly over high, hard, stony ground with open country for miles around, capital encamping ground at "Koocheree" with wells close at hand, was joined here by a Chuprassie placed at my disposal by the Nawab of "Jeysulmeer," to whom I had by letter intimated my approach to his capital.
		Londra.....	18		Abundant and good in 8 or 10 puc-kah wells.	Procurable, in different forage.	Over an open country and good road to "Chut-trayul" about 14 miles, thence to "Londra" sandy with sometimes very bad and rocky ground, "Londra" contains 5 or 6 banian's shops and a population of about 300 cultivators, bad encamping ground, amongst low sand hills, a beautiful temple is here to be seen, of stone, carved in a very tasteful and difficult style "Roopsee" a large village visible from "Londra" and about 1½ miles to the N. E. is able to furnish abundance of supplies, and good forage if necessary.
		Carried over....	137	4			

Division or Territory.	Nearest Civil Authority.	STAGES.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Jeysulmeer.	Political Agent Jodhpoor and Balmeer.	Brought over...	137	4			
		Jeysulmeer. ... } Kishen Ghat. ... }	10		Abundant and good in several wells, a tank 1 mile to the right camp, facing a hill close to it.	Plentiful, not a blade of forage for miles, this essential was furnished from a distance through the assistance and constant attention of Rajah and the authorities attached to his Court.	Five miles from "Londra" over very bad road indeed, of rock and loose stones, is the village of "Omarsagur" where are the country residence, gardens &c. of Guj Sing the Rajah of Jeysulmeer, surrounded and shut in by walls of superb masonry, during a favorable season (which this country has not known for 8 years) a large lake is formed nearly all round the Rajah's property here not a spot of ground offers itself for an encampment, tombs, wells of stone and rock are in all directions, many beautifully built wells, all of brackish water more or less, hence to the city is 2½ miles, over partly rocky and partly sandy road, from Jeysulmeer to Kishen Ghat is a similar distance, at the last place the ground is good for encampment, there are several wells of good water around and a tank a mile off, road from "Jeysulmeer" to "Kishen Ghat" sandy, water for the consumption of the inhabitants in the city is carried by the women who proceed in large bodies at day break to the wells at Omarsagur on the west, and "Kishen Ghat" on the east side Jeysulmeer, the city and its lofty citadel mounting a poor display of cannon form an imposing sight, the whole place and streets are exceedingly clean, nearly every building is of elegantly carved stone, the population and resources of this city in the desert are much reduced by an eight years drought.
		Jurayut.....	11		Tanks, said to contain enough water for 12 months.	None, forage procurable.	Over very rocky and bad ground for the first three miles, the remainder of this march good road, "Dunwa" is the more direct course, but has only one well, this is a small and nearly deserted village, having tanks in its vicinity, forage can be dug, it is more abundantly procurable from "Wacheneer" visible (about 1½ mile off,) from hence, good open encamping ground ¼ mile to the eastward of village.
		Dcevecote	14		Abundant, tanks as above.	Plenty shops, forage brought in abundance from villages, none for grass cutters.	A large village, good road, nearly throughout this march, hard, and for pegs very bad encamping ground.
		Vinjurye.	14		Abundant in tanks.	Plenty and forage.	The regular Gharee road was forsaken by our guide who conducted us over three steep sand hills, for the shorter track, the road is otherwise good throughout, a large town, the Jeysulmeer authorities after having shewn me constant attention and civility since I entered their territory at "Koochere" leave me here.
		Darvee.....	10		2 tanks, one drying up fast.	None, forage plentiful from village and for grass cutters.	Good road, pass two or three villages and tank, a servant from the Jodhpoor State joined me here, a small village, no shops.
		Bemar or Behar	10		1 Tank of very bad water, two others dried up.	Scarce, forage in abundance.	Small village, good road, encamping ground confined and bad.
		Jhak.....	12		Very bad from the number of cattle entering the tank. 2 tanks, 1 dry, a well of good water about one mile from village.	Scarce, forage plentiful.	Good road, pass the village of "Mookof" about half way, one tank there drying up in consequence of the general scarcity of water to the westward, the people of the country are removing their families and flocks, and fixing their dwellings where water is to be found, at "Behar" and at this place such having been the case, it is extremely impure and constantly resorted to by large droves of cattle, a fine well wooded country, covered with a tolerable description of forage, "Jhak" itself is a small place of Beehive shaped huts in the midst of sand hills, which commence with heavy road about one mile before reaching this village, good encamping ground in a low scanty jungle near two tanks to the southward of Jhak.
		Carried over....	218	4			

Division or Territory.	Nearest Civil Authority.	Distances.		Water.	Supplies.	REMARKS.
		Miles.	Furlongs			
Jodhpoor.	Jodhpoor Political Superintendent Balmeer.	Brought over...	218	4		
		Doodie...	19		Abundant in 16 or 17 wells.	Very moderate, forage abundant.
		Balmeer.....	13		Wells.....	Supplies, forage only procurable at a distance of some miles, from this post.
		Gulole.....	12		1 well of brackish, another a mile off of good water.	None, abundance of forage.
		Nokera.....	11	4	1 well of brackish water.	None, plenty of forage.
		Gurra.....	20		Loonee river, brackish water, 1 good well near the bungalow.	Abundant, forage found only in the town, none for grass cutters.
		Jaub.....	13		Sokra river, dry, water from a good well.	Abundant, forage procurable.
		Jakole.....	11		Good from 1 large well.	None, forage, plentiful.
		Ninawah..	14		1 Good well. ..	Scarce, 2 or 3 shops, plenty of forage.
		Duneyrah.....	13	4	Good & abundant from one large well.	Abundant and forage.
Goozerat.	Political Superintendent Pahlunpoor.	Jerdah.....	10	4	Good from wells.	Supplies and forage.
		Deesa.....	9			Good road and well, cultivated country to this Station.
		Total miles....	365			

GENERAL REMARKS.

To perform this march I was liberally provided with full and extra Establishments of Commissariat and carriage, together with forty-two 14 and 15 gallon casks for water, two being lashed upon one camel, these were always replenished with fresh water, when procurable, and daily reported upon by the orderly officer. On the two severe marches, they were opened at the midnight halt, under the superintendence of a Native Commissioned Officer, for the use of all classes

of people ; It being the cold season little was touched, but should circumstances ever render a trial of this route in the hot months necessary, too great precaution in preserving and distributing the water cannot be observed, at such a period of the year, however, I consider a passage through this country utterly impracticable for any description of force. A small outlay on the part of the British or Scinde Government, on the wells at "Vas" "Rajhur" and "Mater" Oodur, "Metaro" & "Banda" I conceive will secure water for travellers at all seasons of the year ; they require to be deepened, cleaned out & built up with brick or stone, having troughs attached to them, as well as to the pukka wells, of "Gotaroo" and "Koocheree" for so great a gain to the Government money will be well expended. At "Sanghrur" en route from Scinde, and at "Londra" and the neighbouring village of "Roopsee" marching to that country, forage must be carried on for the intervening stages. should this important route be opened eventually by carrying into effect the repairs to wells, here suggested, I am of opinion that it will be practicable for Artillery, to which (aided by a few extra horses for the two long marches), it can offer no obstacle equal to these constantly met with, in the route followed by the 4th Troop H. B. in 1840. viâ "Balliaree" "Wangur Bazaar" "Alliar-ke-Tanda" &c. &c. &c. on the east bank of the Indus.—Bullocks should on no account whatever be employed in this undertaking ; of five hundred and twenty of these wretched animals and eighty camels which started from "Roree" with me, one hundred and thirty-four of the former and ten of the latter perished ; for the last two or three years no rain, and during the last eight very little has fallen on this trying country, after a good fall, a coarse forage would be met with throughout the whole route ;—the route furnished me by Major Holland,* Deputy Quarter Master General of the Army, from "Jeysulmeer" to "Balmeer" viâ "Dhunwa" "Sirroa" "Goonga" and "Barka" was utterly impracticable, from the want of water and forage, I was recommended to proceed to "Punch Puddur" Jessole &c. &c. &c. along the "Loonie" to "Gurra," but after a careful enquiry at "Jeysulmere," I had every reason to hope for success, in attempting the route herein conveyed, saving considerable time, fatigue and expense, it lies between the other two routes offered to me.

Throughout my march from Scinde, the greatest possible assistance and civility were shewn to me by all classes belonging to the different states, no insult or aggression was experienced by them, at the hands of any person belonging to my detachment.

CONRAD OWEN, Captain.
Commanding Left Wing 1st Lancers.

NOTE. * The route herein alluded to was traversed by me in January 1830, when water and camel forage were abundant.

J. HOLLAND, Major.
Depty. Qr. Mr. Genl.



ROUTE FROM ROREE TO JEYSULMEER.

Number of marches.	NAMES OF PLACES.	Distances.			REMARKS.
		Miles.	Furlongs.	Yards.	
	MAREE.....	3		170	Road through jungle in which Cavalry must march in single files, water and forage abundant, no supplies.
	Ukra.....		1	55	A small village.
	Paree	1	5	135	Ditto ditto road through thick jungle, water and forage abundant.
	Kotree.....	2	3	105	From Paree to Kotree the road is still narrow, but very good ; Kotree is a very large village, water and forage abundant, supplies scarce.
	Bihree.....	3	1	77	From Kotree to Bihree the road is not at present good, it runs along the edges of Jawaree fields, crosses three canals and several water courses; water and forage, but scarcely any thing procurable from the village, which is a large one.
	Phoolpotra.....	1			A small village, plenty of water and forage; at the distance of 5 furlongs 60 yards from Bihree, there is a canal to cross with 3 feet of water in it at present, a few bushes require to be thrown down on either side.
	Old Sunghrar.....	3		110	Two miles and 18 yards in advance of Phoolpotra cross a very large canal with 1½ feet water, hard bottom approaches good, but rather steep; old Sunghrar is a deserted place.
1	New Sunghrar.....	7		194	This is a large town, situated on the right side of the valley between two low ranges of sand hills, contains 20 banian shops large and small, and hence all supplies must be taken, as nothing can be obtained for troops after leaving this until reaching Jesulmere; water abundant and forage, but grass requires to be dug up, Troops should encamp to the eastward of the town close to the water.
2	Vas or Vassah.....	6	6	63	A few hamlets on the top of a sand hill and contains one banian shop, two furlongs on this side of new Sunghrar there is a large sheet of water and mud extending for ¼ mile to be passed. On emerging from this water, pass over some low sand hills, for a distance of 1 mile 2 furlongs 150 yards and then pass through another sheet of water 3 furlongs 159 yards in breadth, which having passed wind through jungle for the distance of 1 mile 6 furlongs 194 yards and arrive at another piece of water, 1 furlong in breadth, and after having passed another mile in the jungle cross a large nulla with water in it, and 5 furlongs in advance of the nulla is the village of Vas or Vassah; grass abundant, but requires to be dug up, when water is not to be obtained in the nulla, it is so from kutcha wells dug in its bed. The whole of the water is drying up fast, it comes from the Indus and must be impassable during the inundations, but at present there is no difficulty in passing it.
	Baghka.....	2	5	156	A well on the left hand side of the road, tolerable water, no village.
	Mater.....	7	3	1	Two wells of very fair water, enough for 200 camels and more if cleaned out, no village here; the road thus far has a little sand on it in places.
	Muttee-ka-Koe.....	3	4	64	A small place containing 3 or 4 huts, one well of pretty good water, and enough for 250 camels, this well would afford a fresh supply of water if cleaned out when drawn dry; the road from Mater to this is sandy.
3	Oudur.....	5	5	106	A small village, has three wells, which if protected beforehand would afford a sufficient supply of water, but I should recommend the puckauls being filled and brought on from Muttee-ka-Koe as the water here is not very good, no forage for horses can be obtained here, therefore a few camels laden with curby should accompany the troops to afford a supply at this place and at the next halting ground, the road from Muttee-ka-Koe to this is sandy.
	Karror or Karrorar.....	7		79	A small village of 7 or 8 huts, 3 wells of not very good water, no forage for horses, the road from Oudur to this is sandy.
4	Mittraoo.....	7	1	170	A small fort with 4 towers and in bad repair, taken care of by 10 or 12 of the Ameer's sepoy. — A banian is the only inhabitant of the place besides the sepoy, there are 6 wells here, three of which have plenty of water and pretty good, 3 only a little, the 6 should be protected beforehand, no grass can be obtained here, and the little the Ameer's sepoy have is brought from 16 koss distant, the road from Karor to this sandy, encamping ground good.
	Carried over.....	55	7	165	

No of marches.	NAMES OF PLACES.	Distances.			REMARKS.
		Miles.	Furlongs.	Yards.	
	Brought over....	55	7	166	
5	Ghotaroo.....	29	2		I left Mittraoo exactly at Sunset, halted for an hour in the middle of the desert and arrived here exactly $\frac{1}{2}$ an hour after sunrise in the morning, my camels were continually lying down the 1st part of the march; the road lies over a succession of sand hills, the hills are deep sand, and a horse sinks in it up to the coronet, the valleys are generally pretty hard ground, and altogether I think this road better than the one from Vas to Mittraoo; water abundant in 5 pukka wells, 3 outside and 2 inside the fort and good; forage and grass also, the latter is obtained in quantities but coarse, $\frac{1}{2}$ a mile to the eastward of this place; Ghotaroo is a small village, contains two banian shops, there is a strong fort here with a double entrance guarded by 100 or 150 of the Ameer's troops, who allow nobody to enter it; a halt should be made here.
	Banda.....	21	5		One well of sweet water, but very little of it, the pukkauls might be filled here and taken on to the halting ground, there are also two wells of bad water $\frac{1}{2}$ a mile to the left of Banda, where the horses and camels should be watered, as there will be little or none for them to drink at the halting ground after the officers and men have been supplied.
6	Kweehara.....	4	7		Halting ground, a small village, has two wells very deep, and not very good water, but enough to supply 2 or 300 men, there are also 10 or 12 wells in the bed of a sandy nulla 1 mile in advance of the village in the midst of a clump of trees, seen from the village, and if protected might afford each, water for 3 or 4 horses, but the camels must go to Banda and drink the bad water there, grass is also obtained in the sand hills, in advance of the village. The road from Ghotaroo to Kweeharra for the first 5 miles lies over the same succession of sand hills, and afterwards there is a fine plain and good road all the way to Kweehara, with the exception of a sand hill intervening now and then. I left Ghotaroo at sunset, halted an hour on the road, and arrived at Kweehara $\frac{1}{2}$ an hour before gunfire.
7	Koocheree.....	9			A deserted village, water abundant in wells, forage for horses must be cut on the road between Kweehara and this.
	Chuttrayell.....	13	4		No village, 2 wells of rather brackish water in the sandy bed of a river, 5 feet water in these wells.
8	Jondrah.....	4	3		A large village, water good and abundant in pukka wells, forage for horses scarce; there are some grain fields to the right of the road between Chuttrayell and this from which some forage may be obtained, but the remainder must be dug up; the road from Kweehara to this lies principally over plain ground, a few sand and sand stone hills intervening.
9	Omar Sagur.....	5			Halting ground, water abundant, forage for horses and camels none; but can be purchased at the city, the Raja is living at Omar Sagur.
	Jeysulmeer.....	2	6	66	Supplies of every description, all the water is inside the city and very scarce, which renders it necessary for troops to encamp at Omar Sagur.
	Kishen Ghat.....	2			A much better place for encamping than Omar Sagur, water in tanks, no wells, with cultivation and good ground.
	Total.....	148	3	11	

True copy.

M. C. STATHER, Captain, Staff Officer at Sukkur.

(Signed) J HILL, Lieut.
Acting Ex. Engr. Upper Scinde.

ROUTE FROM JEYSULMERE TO ROOREE,

By Lieutenant J. Hill, Engineers.

Civil Districts & Poll. Authority	No. of marches.	NAMES OF VILLAGES.	Miles.	Furlongs.	Yards.	REMARKS.	REMARKS
							By Bt. Captain Geo: S. Ravenscroft, 3rd Light Cavalry.
Jaysulmeer Superintendent of Mullanee.	1	JEYSULMERE				A large and well built city, water and forage scarce at certain seasons, troops should halt at Oumar Sagur and intelligence should be sent to the Raja of their approach, in order that grass, wood, and supplies may be in readiness.....	The halting ground at Kishen Ghat, 1½ mile east of the city, wells numerous but supply of water rather scanty, enough for a Wing of Cavalry, forage about 20 miles east of Jaysulmere, good and plentiful.
		Umbur Sawgeer	2	6	66	Plenty of water in wells, supplies proceed from Jaysulmere.	No good halting ground, particularly for Cavalry, if some gardens had not remained uncultivated we could not have encamped; water as at Kishen Ghat.
		Sidreewah	5	4		A large village, water good and abundant in pukka wells, forage scarce, road from Omar Sagur to this lies over low sand stone hills, bad road, very stony, Lodreemah.....	
		Chutrayell.....	4	3		No village, two wells of rather brackish water in the bed of a river, 5 feet of water in these wells, road good, first part rather stony.....	According to Lieutenant Hill's remarks.
	2	Koocheree.....	13	4		Water abundant in pukka wells, a deserted village, no forage for horses or supplies, road good.....	Did not see Chutrayell.
		Kweehara.....	9		36	Halting ground, a small village with two wells of rather brackish water and containing enough for 3 or 400 men if protected beforehand; one mile from this village to the eastward among some trees are a number of small wells which if protected, afford water for the cattle, pukkals should be filled or brought on from Koocheree, grass is to be obtained in the sand hills around the village, the road to this place is sandy in places and lies about W. N. ½ N. from Koocheree.	Water sufficient, not abundant, no forage or supplies.
	4	Banda.....	4	7		Two wells of brackish water which cattle alone can drink, these wells are a few hundred yards to the right of the road and should there not be sufficient water at Koocheree for the cattle, they will find abundance in these wells.....	Observations similar to Lieutenant Hills'; wells might easily be dug here at a small expense. The water was more scarce than I expected, but enough for a wing of Cavalry without a convoy.
		Ghotharoo.....	21	5		Abundance of water and grass, a small village, but no supplies, there is a considerable fort here guarded by 100 or 150 of the Ameer's sepoy. The road from Kweehara to this is over a plain for half the distance, and the remaining half sand hills averaging from 15 to 30 feet in height, a halt should be made here. I left Kweehara with my camels at sunset and arrived at Ghotharoo before sunrise, halting an hour midway, the pukkals should be filled before leaving Kweehara and accompany the troops in order to give them water on the road, W. N. ½ N.....	Did not see Banda.
		Carried over....	61	5	102		I marched at 10 p. m. and arrived at 7 a. m. making two halts, both together about 2 hours, road for 15 miles hard and good, the rest rather heavy, the wells at Ghotharoo very deep, drawn by camels. The fort commands the wells.

Civil Districts & Poll. Authority.	N o of marches.	NAMES OF PLACES.	Miles.	Furlongs.	Yards.	REMARKS.	REMARKS
							By Bt. Captain Geo: S. Ravenscroft, 3rd Light Cavalry.
Khyrpoor Political Agent at Sukkur.		Brought over	61	5	102		
	5	Mithraoo.....	28	7	55	The road from Ghotharoo to this lie over a succession of sand hills from 15 to 30 feet in height, and is rather a severe march for men on foot but nothing for horses and camels, the sand on the crests of the hills is deep, Mithraoo is an old ruined fort with a few of the Ameers sepoy to look after it, there are six kutchha wells here, and if protected beforehand would give a supply of water to 600 or 800 camels easily, grass is to be obtained in the sand hills, no supplies; N. W. I left Ghotharoo at sunset and arrived before sunrise in the morning.....	A very short 28 miles, road pretty good, better than I expected, the water plentiful and good at Mithraoo in six wells, if these were protected and a supply of forage laid in, it would make the Route quite practicable, that is, in the event of our not being at war with the Ameers, which seems at present more than probable; the inhabitants fled at our approach.
		Karvo or Kanovar..	6	1	10	The road from Mithraoo, to this is sandy, a small village, with 6 or 8 houses, 3 kutchha wells of not very good water, but the cattle might be watered here, no supplies, grass, W. N.	
	6	Oudur or Oodur	7		110	The same sandy road, 3 wells of tolerable water and should be protected beforehand, a small village, and the villagers say grass is to be obtained 2 or 3 koos off in the sand hills but there is none near Oudur, no supplies, W.....	Remarks similar to Lieutenant Hills.
		Muthee-ke-koll	5	7	12	One well by the road side, where some of the cattle and people can drink, road sandy as before, the direction W.....	Ditto.
		Mater.....	3	4	64	Two wells by the road side of very fair water and enough for 250 camels, no village and no grass.	Ditto.
		Baghka.....	7	3	1	A well on the right hand side of the road for watering goats, at direction W. N. W.....	Ditto.
		Vassah.....	2	5	156	A small village, no supplies, grass may be procured by digging it up, whether Troops should halt here or not entirely depends upon whether, there is water in wells dug in the nullah below the village among the trees W. N. W.....	This Village is called Wass. I heard there were soome pools of water about 1½ mile N. E. of Wass, when I encamped found excellent water in large and very deep pools, also as much forage as was requisite, I could have purchased all the wheat fields which are very numerous.
	7	New Sunghrar.	7	8		A large town with plenty of supplies, grass rather scarce, the road from this to Vassah is impassible during the height of the inundations from the Indus, but at other seasons is very good, W. N. W.....	Thurr Ghatee 8 miles, the road thro' cultivation and low jungle, leave Sunghrar 1½ mile to the rear, there then is a large river of fresh water called the Nehar which runs into the Nara canal about a mile west of the village, I came on to this village for the sake of the river, which I do not think appears in any map, it is broad and very deep and lays in pools, evidently supplied by springs as it can be seen ouzing out of its banks. This river the NEHAR runs from N. E. to about W. S. W. forage plentiful at Thurr Ghatee.
	8	Roree.....	12	7		A large town on the east bank of the Indus, every thing in the shape of supplies abundant, road very good..	Roree I think nearer 14 than 12 miles, forage scarce.
		Total.....	143	1	70		

(Signed) GEO. S. RAVENSCROFT,
Bt. Capt. Comg. Squad. 3rd. L. C.
Sukkur.

P. 8.—From Wass or Vassah to Roree must be under water and *probably* impassable during the inundation.

ROUTE FROM BALMEER TO JEYSULMEER.

Civil Districts & Poll. Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Joodhpoor. Superintendent of Mullance. Jeyzulmeer.	DIRADIE.....	12		Several wells of good water. grass abundant, supplies.
	Whitahroo.....	16		One large well, water abundant but brackish, forage to be cut in jungle.
	Cashmere.....	12		A large village, several wells of good water, supplies and forage to be cut.
	Oolah.....	17		A large village, two wells, forage purchased, none to be cut.
	Vinjoorie.....	18		A large populous village, 2 large tanks with three or four month's supply of water, supplies, forage purchased.
	Daicote.....	11		Fine village one large tank 5 or 6 month's water, forage purchased, water in the jungle, road from Vinjoorie stony.
	Keshen Ghat.....	24		Several shallow wells about 1½ a mile from the town of Jeyzulmere, this is called Kishen Ghaut, water is good but rather scarce, the wells not yielding much, however there is sufficient for the horses and men, the Commissariat camels watered at a tank about 2½ miles N. W.
	Jeyzulmeer.....	1	½	
	Total.....	111	½	

(Signed) G. S. RAVENSCROFT, Bt. Capt.
Commanding Squadron 3rd Light Cavalry.



ROUTE FROM JEYSULMERE TO BALMEER, EN ROUTE TO DEESA.

	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Jeyzulmeer. Superintendent of Mullance. Joodhpoor.	FROM JEYSULMERE TO } DHUNWA.....	9		Road over a hard gravelly plain, cross a low ridge of rocky hills near Dhunwa, water from tanks, fuel and grass scarce, no supplies.
	Sirwa.....	12		Road as before, water from tanks, brush-wood and grass procurable, pass the village of Keeta about 6 miles on the road.
	Vinjorye.....	14		Road as before, for 2 miles, then sandy and undulating. Water and grass abundant, pass a well and tank on the road, and the villages of Sangur and Oomda; Vinjorye is a large village with some supplies.
	Goonga.....	18		Cross a narrow ridge about 6 miles on the road, after which the road becomes sandy and slightly undulating to Balmeer; water as before, pass 2 tanks on the road, and some villages.
	Barka.....	18		Road rather heavy, country sandy and undulating, grass and fuel abundant, several tanks at Barka. At 4 miles the small fort of Sew, and at 14 miles the village of Neemla; scanty supplies at Barka.
	Balmeer.....	19	4	Road as in last march; pass the villages of Kupporee and Jaleefa, at 5 and 12 miles on the road.
	Total miles.....	90	4	

I consider this road to present no difficulties whatever for the march of troops, unless from a failure of the rains, the tanks which are numerous (and were full of good water when I passed) should have dried up; wells are seldom met with, and are exceedingly deep, from 200 to 400 feet. No supplies for troops can be expected on this road.

(Signed) J. HOLLAND, Major.
Deputy Qr. Mr. General of the Army.

ROUTE FROM BALMEER TO BALLEYAREE,

*Via Veerawow in Parkur, en Route to Scinde.**Quarter Master General's Office, Poona, 2nd September 1840.*

Division or Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS.				
			Miles.	Furlongs.	Stages.									
					Miles.	Furlongs.								
Joodpoor Territory.	Political Superintendent at Balmeer.	BALMEER.....												
		Mabar.....	2	7				2 Wells.....	None ..	100 houses in two villages.				
		Gulhole....	10	1	13		Cart road, heavy sand, through jungle and sand hills.	1 well brackish.	do. ..					
		Noke.....	3	2				One well bad water, 200 feet deep.	do. ..	Undulating jungly country.				
		Nokra.....	8				Do..... Do.....	do. do. 120 feet deep.	do. ..	A station of 14 horsemen employed in conveying mails to Balmeer, country as before.				
		Chotoomotoo	4		15	2	Sandy road....	One well, brackish 120 feet deep.	do. ..					
		Dabur.....	15					10 Wells...	2 Shops.	100 houses, country jungly and high sand hills on each side of the road.				
		Gurra.....	2	5	17	5	Sandy road, mostly over sand hills.	Abundant in Loonee river	100 do. abundant.	Gurra has 500 houses.				
		Dheemree.....	4					Do....						
		Banta.....	1					Do....						
		Gadavie ..	1	4				Do. & wells.						
		Dangria.....	2	4				Do....						
		Keyria.....	8		17			Do....						
		Deedoora..	4				Keyria to	Loonee river.		Chitulwana, a large village on the opposite side of the Loonee river.				
		Seelosun ..	3				Selosun.... 8 3½	Wells.....						
		Hoteegaum	1	6				Wells		A large village.				
		Dootwa.....	4	5			to	Loonee river						
		Tampee....	2		15	3	Tampee.... 9 2	Wells in Loonee river,		A large village.				
		Neembaj	2	4										
		Soorachun	2											
		Milawa.....	5	6										
		Kijreara	1	6	12		Kyreearee. 11 4	Wells in Loonee.		This is where the Deesa route to Parker meets.				
		Neysra	8	6										
		Bakasir.....	4	3	13	1		Wells..		From Bakasir to Koobree 13 miles, & Koobree to Veerawow 16 miles, to the right of the other more direct.				
		Bulgaum.....	4											
		Dingasir.....	10		14		Dungasir .. 24 0	Wells						
Thakoor of Veerawow.	Resident at Hyderabad.	Guddra.....	3	2										
		Passole.....	4	4				4 Wells..						
		Veerawow	7		14	6	Veerawow.. 13 6	Wells.....	Abundant.	A large town.				
		Carried over.....			132	1	129 6½							

Province of Scinde.

Division or Territory.

Nearest Civil Authority.

Distances.

Stages.

Names of Places.

Miles.

Furlongs.

Miles.

Furlongs.

Road & Soil.

Water.

Supplies

REMARKS.

Brought over....

132

1

Dabrah....

4

3 wells 15 feet deep, water brackish.

50 houses.

Bangruttee

4

3 wells..

Some supplies.

40 do.

Jamree or Ge-ramnee ..

6

14

The road over a succession of low sand hills and valleys covered with jungle and grass, deep & heavy..

2 wells 12 feet deep.

Scarce..

15 do. forage plentiful.

Hurnealoo....

4

Scarce and brackish.

A few huts.

Several good wells.

2

Good wells.

Jehangroo.....

2

A few huts.

Several good wells

2

Good wells...

Soneaut....

3

13

Do. Do. Do.

Abundant but brackish.

A small village, grass less, plentiful at Soneant.

Wells of good water

2

Good wells....

Keeteeriah

5

Do.do. abundant.

A small hamlet.

Jaroomree

3

Wells of good water.

Do. do.

Mohumbah....

2

12

Do. Do. Do.

Ditto. abundant.

A small village, water 40 feet from the surface.

Turkariah.....

14

14

Do. Do. Do.

Wells good, and abundant.

5 or 6 huts, forage abundant.

Several good wells.

4

Do. Do.

Wingee.....

2

Do.brackish do.

5 or 6 huts.

Lyaree ..

2

2 or 3 do.

Booteeanah.....

2

10

Do. Do. Do.

Wells brackish ditto.

5 or 6 do. abundance of grass.

Balleyaree.....

12

12

Do. Do. Do.

3 wells 12 feet deep, and several others near.

A wretched looking place, principally composed of conical grass huts, near it are the remains of a ruined mud fort, several good wells are passed in the road to this place.

Total to Balleyaree

207

1

The above distances from Balmeer to Veerawow, are (to Gurra,) taken from Major Hollands' manuscript route, from thence to Veerawow from his protracted surveys, from Veerawow to Balleyaree from the route taken by Lieutenant Jacob of the Artillery in April 1840.

N. B. If the route direct from Balmeer to Veerawow is practicable from rain having fallen, and a sufficiency of water to be obtained, it shortens the distance to Bakasir abovementioned 20 miles, as follows :—

* Viz:—Balmeer to Raneegaum 11 miles, Sunnawra 10, Mangta 8, Dhoreinna 12, Bamunla 11, Ogalla 7, Gun-gasirra 15, and Bakaser 5½ miles.

(Signed) J. HOLLAND, Major.
Deputy Qr. Mr. General of the Army.

ROUTE FROM BALMEER TO GUNGASIRRA.

Of a Squadron of the 2nd Light Cavalry forming part of a Field Force operating against the Scinde Forts in the Thurr, in 1843, under Command of Captain C.F. Jackson 2nd Light Cavalry Political Superintendent of Mullanee.

Nearest Civil Authority.	TOWNS AND VILLAGES.	Distances.		General direction.	REMARKS.
		Miles.	Furlongs.		
Political Superintendent of Mullanee. at Balmeer.	FROM BALMEER.				
	Oonka.....	7	3	S. 16 W. 50	Houses, 3 shops, 1 well 92 feet, good.
	Sunowrah*.....	11		S. 15 W.	Deserted, 1 well 225 feet, good.
	Mangta.....	8	6	S. 5 W. 25	Houses, 2 shops, 1 well 224 feet, good.
	Dhooreemna.....	11	6	S. 15 W. 30	Do. 12 do. 1 well 150 feet, good.
	Meetra*.....	5	3	S. 20 W. 6	Ditto. 1 well 135 feet, good.
	Bamunla*.....	6		S. 20 W. 31	Ditto. 1 do 150 feet, good.
	Gungasirra.....	9	2	S. 60 W. 30	Ditto. 2 wells 120 feet, good.
	Total.....	59	4		

The Cavalry formed a junction with the Horse Artillery, and detachment of the Queen's Royals at Gungasirra. The road over occasional sand hills, at the wells marked thus, * inhabitants are not always to be found, Nomades occupy them for a time, no certainty can be placed in finding water in these wells, as they frequently fall in.

C. F. JACKSON, Capt.
Poll. Supt. Mullanee.

ROUTE FROM JANEDEERA TO LEHREE,

In January 1841.

Nearest Civil Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	JANEDEERA.			
	Khangurh.....	4	4	The limit of irrigation from the Indus is passed in this march, Khangurh is a Gurry 300 feet square in good repair, 3 or 4 wells of good water outside, one brackish inside, kurbee procurable, road open, level and good.
	Minotee.....	20	4	A small Gurry and huts outside, water scarce, in 40 or 50 pits about 10 feet deep in the bed of a nulla, extending from $\frac{1}{4}$ mile south to close to the village, also in one pukka well inside, grass and camel forage plentiful, wood and supplies scarce, country level, road hard and good, chiefly over a portion of the desert, quite bare of vegetation.
	Shahpoor.....	14		A walled village, water abundant in pits in the bed of a stream and may be increased to any extent by digging and clearing them out, grass, kurbee and camel forage moderate, bazar scantily supplied, latter part of the road very heavy and sandy, as also the encamping ground near the wells.
	Chuttah or Chutr....	11	4	Large flourishing village, good bazar, water from 11 wells, very small and from 80 to 90 feet deep, water good and abundant, but difficult to draw, a large grass plain between Shahpoor & Chuttah, and horse forage may be procured in abundance, first part of the route is over a desert plain, remainder through cultivation.
	Poolajee.....	9	2	Route through jungle and cultivation alternately, supplies are to be procured at Poolajee, water good and plentiful in wells 90 feet from the surface, forage abundant.
	Lehree.....	14	4	Lehree is a large walled town, supplies abundant, water from wells, brackish; but good water is found in the bed of the river.
	Total miles....	74	2	

(Signed) J. HOLLAND, Major.
Depy. Quarter Master General of the Army.

ROUTE FROM POOLAHJEE TO KAHUN.

Compiled from Dr. R. Kirk's journal, dated August 1840.

Nearest Civil Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	POOLAHJEE.			
	Teywagh (no village)	6		Across the plain 3 miles due east to the entrance of the valley at the foot of the mountains, encamped on the bank of the stream at Teywagh, road level but sandy, grass, camel forage and water abundant. The Thermometer 104°.
	Gogree Valley (do.).....	8		Passed thro' the five mile valley, and then leaving the lower Deyra road to the right, entered an open valley called Gogree 1½ mile long by ½ wide, bounded on all sides by precipitous sandstone cliffs; at the N. E. extremity of the valley where we encamped is a low under range of hills containing sulphur, from the earth of which exposed to heat in a rude furnace sulphur is obtained of considerable purity; the soil about camp was full of small Crystals with occasional crude lumps, water good and abundant, but the atmosphere had a heavy sulphureous smell, road good in general, but sandy in parts.—Thermometer 103°.
	Murrawur (do.).....	8		Road very confined, running with the bed of a river in a narrow ravine, shut in by lofty perpendicular sandstone cliffs, at the 5th mile passed an opening by which a road branches off to Deyra, Murrawur is an irregular plain containing abundance of water, grass, and camel forage. Thermometer 104°.
	Sooree (do.).....	11		Passed for 1½ mile up the Murrawur plain, then thro' another valley two miles in length, afterwards through another narrow pass amongst low hills into the valley where Captain Brown halted in May, went along the valley 1½ mile, then struck off from the river (which flows from the eastward,) N. E. 2½ miles among low hills to Sooree, which is a hollow about a mile in diameter, grass and forage abundant, about one day's water was found in a pool at the foot of a rock near the camp, the lofty Bamboo range was seen very distinctly to the northward. Thermometer 105°.
	Chickurgee (do.).....	9		Passed through a narrow ravine to the N. E. for 4 miles, perpendicular sandstone rocks on each side, but of less elevation than those between Gogree and Murrawur, on issuing from the ravine ascended a small but steep hill to the southward, up which the guns were dragged by the sepoys, then crossed an elevated hilly tract 1½ mile to the S. E. and descended by a steep dip, the guns had to be lowered by the dragropes, then through a narrow valley for 1½ mile, and down a slight descent into the valley of Chickurgee which has a striking green appearance, it is shut in by low hills, the mountain stream is here again rejoined, in which some fish were caught, it is lined with Tamarisk bushes, with an undergrowth of fine grass sward.
	Surtof-range, foot of.....	9		On leaving Chickurgee, a party of about 20 Beloochees who were following the rear to cut off stragglers were attacked by Lieutenant Loch and the Poona horse; Passed 2 miles through the Chickurgee valley parallel with the river, to where the routes from Poolahjee to Deyrah and Kahun separate, the Deyrah route following the course of the river to the eastward, into the extensive plain at the eastern extremity of which the Bhoogtee fort of Deyrah is situated; the road now ascended to the northward to a slightly elevated stony plain for 3½ miles to the N. E., the ground was very trying for the camels feet, and became worse on entering a range of low hills for 2 miles then descended into the dry pebbly bed of a mountain stream which was crossed to the camp, a level spot at the foot of the Surtof-range which is stated to form the frontier of the Murree Territory, the tract hitherto passed belonging to the Bhoogtees; at the foot of this range were several extensive pools of good water situated in a small jungle of Tamarisk and Oleanders, overhanging which is a spur from the mountain which commands the road below, and is the position taken up by Lieutenant W. Clark on the 16th of May, the Surtof-range must be at least 1500 feet in elevation rising at an angle of about 25°, the ascent to the summit being about a mile; the face of the mountain which is traversed by several perpendicular fissures, descending from summit to base, forms a regular slope up which the road is seen to wind, several parties of Beloochees were seen on the summit during the day.
	Surtof-range, the summit of....	2		The guns were dragged up by the manual labour of the sepoys, the summit of the mountain having been crowned in the night without opposition and it was 4 in the afternoon after 14 hours continued labour before the whole of the force had gained the summit where it encamped for the night, no water was to be obtained nearer than the foot of the mountain. *
	Carried over.....	58	0	

* The Pickets were fired on at night here from the opposite side of an impassable ravine.

Nearest Civil Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	Brought over	53	0	
	Nufoosk-range, to the foot of....	7		This march is over a level country E. N. E. passing a dry tank and several patches of wheat cultivation, the smoke from a beacon-fire was rising from the summit of the range, and on approaching, its crest was seen lined with Beloochees, who kept up a straggling fire on the party as it traversed the base of the mountain to the S. E. to its position; the progress was slow, from the ground being much cut up by water-courses and a shallow ravine. The Nufoosk-range is not so high as that of Surtof, probably about 1,000 feet, but it is much more precipitous, and only accessible at one point, where a rough road has been formed by traverses at a spot rendered practicable by a slip of the rock A small supply of water was found at the bottom of a fissure in the mountain near a clump of trees, but it was quickly exhausted by the followers, and no other was discovered.
	Nufoosk-range, to the Summit of.	1		After several day's labour Lieutenant Jacob was enabled to bring his guns down this pass in the early part of 1840, but at this time 31st August 1840, the road had been destroyed and must have been remade before the guns and camels could have been got up, there was no water in the neighbourhood, and the first 2 miles of the road from hence as reported by Major Brown, is of a most difficult character, the road had to be repaired for the passage of Major Brown's detachment, and the guns was lowered down by manual labour.
	Kahun.....	5		Kahun is a walled town, the capital of the Murree Beloochees, it is in good repair, situated in a fine fertile valley 2,000 feet above the level of the sea, for more particular description of it, see next route.
	Total miles.....	66		

Quarter Master General's Office, Bombay 27th April 1844.

(Signed J. HOLLAND, Major,
Acting Qr. Mr. General of the Army.

ROUTE FROM LEHREE TO KAHUN, VIA TRATANEE PASS.

Compiled from the remarks on Dr. Kirk's surveys in 1840.

Nearest Civil Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	LEHREE, vide, page 150.....			
	Surwood (no village).....	13	4	Road good, but there is a short steep and narrow descent into Surwood, it is a small circular plain, grass plentiful and water good.
	Tratanee (do.).....	11		Road good, but in places shingly and frequently crossing the river, which was about one foot deep, fine grazing plain, water, grass, and camel forage abundant.
	Mihee (do.).....	11		Road the same as last march, a small plain, grass, forage and water abundant.
	Dahoo (do.).....	16		Road very bad for camels, over a stony desert, descent into Dahoo by a difficult and steep ghaut, grass and forage, water not plentiful.
	Kahun.....	16		A walled town, the capital of the Murree Beloochees, it is in good repair, situated in a fine fertile valley 2,000 feet above the level of the sea, water in pools in the bed of the river, ice 1½ inch thick.—Thermometer at 24° in December, cultivation principally wheat.
	Total miles.....	76	4	

ROUTE FROM KAHUN TO DEYRAH,

Compiled from Dr. Kirk's Surveys in 1840.

Nearest Civil Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	KAHUN			
	Kalakoo (no village).....	10	4	Road good, grass and forage abundant, water from two wells and supplies very scanty.
	Partur Plain (do.).....	11		A fine running stream, grass and forage abundant, the ruined Gurree Ketchee is near this halting ground.
	Deyrah.....	21		A walled town taken by the field force 4th January 1840, it is 350 feet square, capital of the Boogtee Beloochees, situated in a fine valley running 25 miles W. $\frac{1}{2}$ N. 1250 feet above the level of the sea, a few wheat fields near the town, and extensive marks of former cultivation. Water from a spring in the gorge of the hills about 2 miles from the town, conveyed by a canal; road good, except the passage of the mountain range which is steep and difficult from the 6th to the 10th mile when it runs along the Murrow plain until the 19th mile, when it enters the Deyrah valley by a narrow gorge of perpendicular rocks; last 4 miles shingly but has been cleared.
	Total miles.....	42	4	

ROUTE FROM DEYRAH TO LEHREE, VIA POOLAJEE,

Compiled from Dr. Kirk's Surveys of 1840.

Nearest Civil Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	DEYRAH.....			
	Sungsa (no village).....	18	..	Road good, grass and forage, and a stream of water running to the northward.
	Murrow Koostuk.....	15		Grass and forage, water in pools, road generally good but occasionally over broken ground and narrow paths, winding between small hills and would be very tedious for guns.
	Teyago (no village).....	14		Road generally good, but having three steep and difficult ghauts, viz: two at the 4th and 5th and one at the 8th mile, no remarks about water or forage, but a stream of water is delineated on the plan as running along the valley of Teyago.
	Poolajee.....	10		Road level but sandy and heavy, see page 150 for description of Poolahjee and Lehree.
	Lehree.....	14		
	Total miles.....	61		

J. HOLLAND, Major.
Deputy Qr. Mr. Genl. of the Army.

ROUTE FROM CHUTTUR TO BAGH.

January 1841.

Nearest Civil Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	CHUTTUR.....			For description of, see Page 150.
	Keeah on right.....	11		Ruined village, with small patches of cultivation.
	Wuzeera.....	3	4	Ruined village, the inhabitants were living in a small mud fort near it, in January 1841. The road from Chuttur is over a hard and perfectly level plain, thinly covered with camel forage, and in many parts flooded during the hot months from the melting of the snow in the hills, the latter part of this march a little cut up by channels from the water of the inundation.
	Chuchur.....	3		Chuchur is a small village, kurbee abundant, no grass or firewood, water abundant in the bed of the Leheree river south of the village.
	Amba-ke-busta.....	12	4	Small village near dry bed of river 10 feet deep.
	Bagh.....	8		A large town, supplies abundant.
	Total miles.....	38		

(Signed) J. HOLLAND, Major,
Depty. Qr. Mr. Genl. of the Army.

ROUTE FROM SHAHPOOR TO SHOREE,

TWENTY-FIVE MILES EAST OF DEYRAH AND BACK, VIA DEHRA TO MUN THE 3RD STAGE FROM SHAPOOR,
Surveyed by Head Guide Mucajee, during the operations of the Field Force under His Excellency Major General Sir Charles Napier, in the early part of the year 1845.

Nearest Civil Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Sukkur.	TULLAR	17	4	Water in wells in the bed of the river by digging 5 feet; 3 wells north about three quarters of a mile, forage scarce, supplies none, road good but sandy.
	Tong.....	11	3	Water sufficient from the bed of the river by digging 4 or 5 feet, but good and plentiful; water to be obtained from a spring three miles to the N. side of Tong, road good, forage scarce.
	Mund.....	10	4	Water good and abundant from a spring, forage procurable, road stoney, for the last four miles.
	Seebree.....	11	1	Water in the bed of the river by digging 9 or 12 feet, forage scarce, road good.
	Dooserkhoosta	14	3	Water from a running spring, forage procurable, road bad and difficult.
	Shoree.....	25		Water can be obtained from a stream; running from the hills, forage procurable, road difficult.
	Tassor.....	14	1	Water plentiful from a mineral stream, forage procurable, road good for first 8 miles after which it is bad
	Deyrah.....	11	3	Water plentiful and good from a running stream, forage procurable; road very bad for the first 4 miles, the remainder better.
	Trukkee.....	6	4	Road good, forage and water to be obtained from a distance of about two miles S. W. of Trukkee or inside Trukkee.
	Rhoombee.....	11	3	Water stagnant in a nulla, forage sufficient, road not very good for the last 5 miles, but passable for guns.
	Mund.....	9	2	Road hilly.
Total.....		142	4	

M. McMURDO, Captain.
Assistant Qr. Mr. Genl. S. B.

NOWAKOTE TO BALLIAREE, VIA BITAROO,
Measured with Perambulator by Private Guide Dayalchund, Qr. Mr. General's Department, in March 1845.

Nearest Civil Authority.	NAMES OF PLACES.	Bearings.	Distances		REMARKS.
			Miles.	Furlongs.	
Collector of Hyderabad.	NOWAKOTE.				
	Bittaro.....	S. by W.	8	7	40 houses, on the bank of a large dund of standing water, upwards of 200 yards broad, and very deep, lasts all the year round; road through Peloo and other jungle.
	Awk-he-bund.....	S. W.	1	1	This bund terminates the piece of water abovementioned.
	Mustee Koobah.....	S. by E.	3	4½	A very extensive Mussleman burying ground, with many old tombs; this place is only about 7 miles from Nowakote, in a direct line.
	Sunnee.....	S.	1	4½	No houses, one well, road over sand hills, two in particular impassable for wheel carriages; country jungly.
	Keerdrai.....	S.	2		About 6 houses, and one kutchu well, road over very difficult sand hills.
	Mulloothull.....	N. E.	2	1	This last distance of 2½ miles is in line back towards Nowakote.
	Soodee-bae.....	S.		5	4 or 5 houses, & 1 kutchu well, the country as above or more hilly.
	Urjoon Taloo.....	S. by E.	2	2	Dry, water only lasts about 4 months after the rains, country as above.
	Bae-ke-bae.....	S. by E.	1	4	One well, at present in ruins, no water; country as above.
	Beesreea-bae.....	S. by E.	1	4	One good well, and a few huts in its vicinity with some cultivation, road better, between sand hills.
	Kullae.....	S. by E.	2	7	4 houses, 2 wells of brackish water, and a little cultivation; *Note, - This place is about 11 miles, in a direct line from Nowakote, to which there is a camel road. The route then runs in a pretty direct line to Balliaree from Kullae.
	Sehar.....		1	1	A few huts at a distance from the road, and one brackish well.
	Bhojakur.....		1	7	7 Houses, 1 small well of sweet water.
	Singarea.....	E. by S.	2		1 Well of good water, road better, sand hills at a distance on either side, some little cultivation, country covered with low jungle.
	Boreeai.....	E. by S.	2	3	2 or 3 huts, 1 good well, a little cultivation, country as above.
	Urjuck.....	E. by S.	2	7	A few huts, 3 small kutchu wells, country as above.
	Dabree.....	S.	4	1	4 Houses, at a distance from this point, 3 kutchu wells, water good.
	Soonglee.....	S. E.	2	5	Several houses, but at present deserted 1 small well, of good water, crossed many sand hills in this last distance.
	Pudiar.....	S. by E.	1	3	A few deserted huts, and the well fallen in; the last distance level, and some cultivation.
	Depla.....	S.	2	2	100 Houses, 30 shops, good water from wells in the bottom of a large dry tank, road good.
	Keerorhie.....	S.	1	4	7 Houses, 1 well of good water, road good but many sand hills on either side.
	Doorgee.....	S.	1	6	8 Houses, 1 well of good water, considerable cultivation.
	Doorga.....	S. E.		5	1 Good kutchu well, and some cultivation.
	Jippea.....	S. by E.	3	6	A deserted village, 1 good kutchu well, and some cultivation.
	Jippea.....	S. by E.		7	The same as last village.
	Jippea.....	S. by E.		5	3 Huts, 1 well. Hills considerable on either side.
	Balliaree.....	S. by E.	2		50 Houses, 10 shops, water brackish from kutchu wells.
	Total miles.....		59	5½	Or direct from Nowakote 42½ miles.

J. HOLLAND, Major.
Deputy Qr. Mr. General's of the Army.

ROUTE FROM KUDDEE, *via* RAWUTSIR TO GUNGASIRRA.
Measured with Perambulator by Private Guide Dayalchund, Qr. Mr. General's Department April 1844.

Nearest Civil Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Collector of Hyderabad.	KUDDEE TO RAWUTSIR vide page 82.....	11		
	Janpalia.....	11	1	About 23 houses, 1 shop, and one good well, road over a succession of sand hills, covered with low jungle, impassable for wheel carriages.
	Bhooar.....	11	...	20 Houses, 1 shop, 1 well upwards of 100 feet deep, water brackish, country as above; road winding more between the sand hills.
	Gungasirra.....	7	6	20 Houses, 1 pukka well of good water, road as above but less hilly.
	Total miles....	40	7	

J. HOLLAND, Major,
Deputy Qr. Mr. Genl. of the Army.

ROUTE FROM BALMEER TO KASBA, *via* CHOTUN, JANPALIA, VEERAWOW AND NUGGUR PARKUR.
Measured with Perambulator by Dayalchund Pte. Guide, Qr. Mr. General's Department, 10th March 1844.

Nearest Civil Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Superintendent of Mullance.	BALMEER.....			From Superintendent's house.
	Lugaera.....	2	2	
	Attee.....	4	4	25 Houses, 1 pukka well of good water.
	Leelsir Tank.....	3	2	A large tank near the hills, lately made under Captain Jackson's directions, it is about 2 miles from Joona.
	Barola.....	1	4	15 houses, 1 pukka well of good water; the road from Balmeer to this is good.
	Akora.....	5	6	10 houses, 1 pukka well, the road for 1 mile from Barola is over a succession of sand hills, covered with low jungle and grass.
	Doodwa.....	3		9 houses, 1 pukka well of good water, and considerable cultivation here and on the road from Akora, road good.
	Chotun.....	8	4	About 42 houses, 5 shops, 3 kutchas, some cultivation, country hilly and covered with low jungle, road from Doodwa good, considerable cultivation; Balmeer to Chotun direct is <i>via</i> Kurwah 27 miles, vide page 84,
	Koonra.....	7	3	About 25 houses, 1 shop, 1 pukka well of good water, road over a succession of sand hills, covered with low jungle.
	Eetawa.....	8	1	About 21 houses, 1 pukka well of good water, country as above; road better, running between the sand hills.
	Rubrasur.....	3	4	Deserted village, and ruined well, grass plentiful, appearances of former cultivation; road through a desert jungle.
	Kootael.....	2	3	One ruined well, country as above.
	Gora-ka-tullaow.....	6		1 ruined well, country as above.
	Talser.....	4	3	1 Ruined well, country as above.
	Janpalia.....	5	4	23 Houses, 1 shop, 1 pukka well of good water.
	Carried over.....	66	1	N. B. The country from Eetawa is deserted, it is stated, from want of rain; no trace of a road was perceptible.

Nearest Civil Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Superintendent of Mullanee.	Bronght over.....	66	1	
	Wurnar.....	9	3	20 Houses, 1 kutchu well of good water; road winding, between sand hills covered with grass and low jungle.
	Chowtull.....	2	6	35 Houses, 1 shop, 1 kutchu well of good water, country as above.
	Karora.....	3	4	10 Houses, 1 shop, 1 kutchu well of brackish water, country as above.
	Koorgooria.....	7	2	1 Ruined well; one in progress by the people from Bheelkebaeree, country as above.
	Bheelkebaeree.....	2	10	Houses, 1 kutchu well of good water, road and country as above.
	Koonya.....	2	6	12 Houses, 1 kutchu well of good water, country as above, covered with grass jungle with hardly any trace of a pathway.
	Koombaree.....	4	6	8 Houses, 1 kutchu well of good water, the sand hills less and easier of ascent; Mamchera and Neebla are two villages on the right and left from this about 2 miles off.
	Kharsir.....	3	6	10 Houses, 1 well of brackish water, some rocky hills near this on right, road and country as above; crossing 3 or 4 sand hills, in the 1st mile; Pateya and Kattee are passed on the right and left at about half way.
	Veerawow.....	4	3	About 200 houses, 50 shops, 3 pukka wells of brackish water, many kutchu wells of good water, there are two large tanks, one 1 mile to the south, and one 6 furlongs on the east of the town, which last 6 or 7 months, which then are dug into kutchu wells when required. Country as above, considerable cultivation about Veerawow, and supplies plentiful of all descriptions.
	The residence of Ladajee Soda a Rajpoot Thakoor, subject to Hyderabad.			
	Badlye on right.....	3	3	Badlye and Dingsee are two small villages on the right and left near some rocky hills.
	Dingsee on left.....	1	4	Chureenda hill is seen about 3 miles east of Dingsee.
	Nuggur Parkur.....	6	6	225 Houses, 40 shops, 4 pukka, and numerous kutchu wells of good water, supplies of all kinds abundant, country very hilly on the right from Nuggur Parkur, on the left level with low jungle; there is little appearance of cultivation about this place or on the road for the last 8 miles, road good from Veerawow.
	The residence of Ranajee a Rajpoot Thakoor, subject to Hyderabad.			
	Kasba.....	5	6	50 houses, 5 shops, 3 pukka wells of good water, this is the encampment of parties, such as traders and travellers going and coming to Beyla and Cutch.
Total miles.....		123	7	

J. HOLLAND, Major.
Deputy Qr. Mr. General of the Army.

ROUTE FROM RAJCOTE TO ROREE AND SUKKUR.
Via Mallia and Wandia, Soomrasir near Bhooj, Balliaree, Alliyar-ka-Tanda and Nowsharra.

Division or Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road and Soil	Water.	Supplies.	REMARKS.	
			Miles.	Furlongs	Stages.						
					Miles.	Furlongs					
Kattiwar.	Political Agent at Rajcote.	RAJCOTE CANTONMENTS								W. S. W 1½ mile from the town.	
		Brie.....	3	3	}	7	Road good, soil black.	Nullahpoora river.	None.....	A small village, crossing the river at ½ mile.	
		Ruttenpoor.....	3	7				A small stream	Very moderate.	30 houses, cross 3 nullas.	
		Jalliah.....	4	6	12		Not very good.	River Daimah	Ditto...	A small village.	
		Kotroo.....	2	6				Do.	Ditto....	100 houses, and a Ghurry ; cross two nullas.	
		Warasir.....	4	1			Road good, soil black.	Do.	Ditto....	30 Houses.	
		Jewapoor.....	3	1				Do. 1½ mile W		A small village.	
		Tankeira	5	4	15	4	Do. not good.	Daimah river good water.	Abundant, two Bazars.	From 6 to 800 houses, and a strong ghurry. This route crosses the river three times. The other route which does not cross the river to Tankeira, is as follows, Rajcote to Gowdera 7 miles, thence to Hummeteala 14 miles, and thence to Tankeira 4 miles.	
		Cross Daimah river from.					}	Do good, soil black.			
		Tankeira.....									
		Lejai.....	5					5 wells, 1 tank.	Arich village	100 houses ; cross a small stream to it.	
		Veerpoor.....	2					3 ditto.		20 Ditto.	
		Senalla.....	2	7				2 wells 1 tank.		25 Ditto.	
		Morvee.....	3	2	13	1	Do.... do.	Muchwa river.	Abundant ..	A large town with a strong wall and ditch in good repair, the residence of the Jeahjee Rajpoots to whom it belongs.	
		Wavery.....	3				Do.. .. do.	3 wells 1 tank.	Moderate...	40 houses.	
		Karkalla.....	4	6				2 „ 1 „	Ditto....	48 Ditto.	
		Kewaria.....	2	5				1 „ 1 „	Ditto....	45 Ditto	
		Pugsia	2	6						50 ditto appears a rich village.	
		Deralla Camp.....	3		16	1				{ Dawk route. Morvee to Kejrea 4 miles Wanalia 2 „ Paitullee 4 „ Deralla 4 „ 14 miles	
		Deralla village.....		6			Good road cultivation.	Muchwa river	Ditto....		A small village, much cultivated ground this march.
		Nowagaum	5	5					None..		A small village.
		Kajoorah a little eastward of Mallia	3		9	3	Road good.	ditto. do.			Mallia is almost deserted of late years.
Cutch.	Resident at Bhooj.	Kajoorah to the Runn....	3	5			The road across the Runn very good, a few parts were a little soft, but nothing to impede the progress of the carts, of the 20th Regt. N. I. who crossed it on the 17th December 1837.			It is impossible to state at any time when the Runn in the neighbourhood of Mallia, becomes easily fordable as its state depends on the winds, the monsoon, and the Bunass river; in	
		Cross the Runn.	5								
		{ Shikarpoor near Wandia	6		14	5					
		Carried over.....			80	6					

November 1826, it had been traversed by carts, but a storm which happened in the end of that month rendered it impassably until January; the 16th N. I. found the Runn dry and tolerably firm on the 29th November 1832. Before troops march to it, its actual state should be ascertained.

Division or Territory.

Nearest Civil Authority.

Distances.

Stages.

Miles.

Furlongs.

Names of Places.

Miles.

Furlongs.

Road and Soil.

Water.

Supplies.

REMARKS.

Cutch's.

Resident at Bhooj.

Brought over.....

80

6

Chadralla

10

4

10

4

Tanks

Vond.....

3

7

Good road over hard sand.

Ditto limited.

Limited . . .

A large village.

Butchow

3

2

Wells, abundant, but 1 good only.

Abundant ..

A large walled village.

Pakassir

7

6

14

7

Road indifferent.

Tanks & wells.

Limited . . .

A small village.

Dooder.....

7

....

Road good, over hard sand

wells.. ..

Ditto.

Ditto do.

Joorun.....

10

Tank and wells

Ditto.

Ditto do.

Drang.....

10

7

wells....

Ditto

Dhoree.....

6

7

Ditto

Ditto.....

See page 67.

Soomrasir.....

3

9

7

25 Ditto

Procurable .

A moderate sized village 2½ miles from the Runn.

Bandiara.....

14

6

At 3 miles Runn commences, At 7 miles the Bunnee.

None

a Wand or moveable village in the Bunnee, a tract of grass land, but the forage is too rank and salt for horses not used to it.

Dooder to } M. F.

Duggala } 9

Puddur. 10 2

Bhooj 9 6

Total to Bhooj 142 1

Bhooj to } 15 2

Soomrasir } 157 3

Koara.....

13

5½

Road good, and level.

A large well and tank.

Supplies abundant.

A tolerable sized village. This village is situated in the Puchnm, which and the Bunnee are famous for breeding camels and cattle.

Droobanee

5

5½

Road undulating.

7 wells. . . .

Scarce.....

20 houses; a mile to the eastward at 3½ miles, Banara a small village is passed.

Balliaree

30

3

At 3 miles, enter Runn which is 25½ miles hard and level.

3 wells 12 feet deep, several others at a short distance

A small place principally composed of conical grass huts, and ruins of a mud fort. The Runn can be crossed here in the monsoon, the water being from 1 to 2 feet deep. At 5 miles enter Moora Bate, at 7 quit it; at 11 Gainsa bate, at 14 quit it; 17 miles half way across the Runn cross the boundary between Cutch & Scinde; at 25 miles Tera bate, 26½ enter Thurr; 30 3 Balliaree.

Deypla.....

11

2

Carried over.....

219

5

Division or Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
		Brought over.....			219	5				
		Deypla to Roree, via Aliyar-ka-Tanda and Nowsharra, vide page 128,			318	1				
		Sukkur Hd. Qrs.....			1	..				
		Total miles.....			538	6				This is the western route or that nearest the Indus.

The above route is compiled from Captain Del. Hoste's route to Mallia, Major Hollands remarks on the Runn, and Captain LeMessuriers route to Balliaree, in February 1840.

NEIL CAMPBELL, Lieut. Col.

Qr. Mr. General of the Army.

RAJCOTE TO SUKKUR,

Via Mallia and Wandia, Soomrasir near Bhooj, Balliaree, Kaebrae Shahur and Padra, the middle or inland route.

Division or Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
		Rajcote to Deypla as above.			129	5				
		Deypla to Keybur, viâ } Aliyar, vide page 129 }			125	2				
		Keybur or Kaebraesha- } hur to Sukkur, viâ } Padra, vide page 114.. }			171	6				
		Total miles.....			516	5				

RAJCOTE TO SUKKUR,

Via Mallia and Wandia, Soomrasir near Bhooj, Balliaree and Omerkote; the eastern route by the Narrak river.

Division or Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
		Rajcote to Balliaree as } above..... }			208	3				
		Balliaree to Nowakote, } vide page 155..... }			42	6				
		Nowakote to Omerkote, } vide page 80..... }			39	7				
		Omerkote to Roree direct, } vide page 124 }			200	1				
		Sukkur Head Quarters..			1	..				
		Total miles..			491	1				

J. HOLLAND, Major.
Deputy Qr. Mr. General of the Army.

ROUTE FROM BHOOJ TO HYDERABAD, VIA BALLIAREE.

Wanga Bazar, and Khyrpoor.

Nearest Civil Authority.	NAMES OF PLACES.	Distances.		REMARKS.	
		Miles.	Furlongs.		
Collector of Hyderabad.	Bhooj to Wanga bazar, vide page 42.....	117	5	A large village, grain, rice, flour, ghee, &c. procurable, a large branch of the Indus full of water which has been left by the over-flowing of the river and is moreover quite stagnant, it is not fordable at Wanga bazar but is crossed by a bund 5 miles to the northward of the village.	
	Fukeer jo Ghote.....	10		At two miles came to Kalooee a respectable village, and at about 2 miles from Fukeer-ka-Gote, pass to the eastern bank of the Pooraun, which was found dry; close to this passage are some wells in the bed of the Pooraun; on leaving the Pooraun, you have a Syeds village to your left, close to the road. Fukeerka Ghote is the residence of Fukeer Bulal, a person of great authority in these parts; the place is well supplied with grain, particularly rice, and notwithstanding the drought forage is not wanting for a detachment of 100 Cavalry which had been quartered there for some days. Several banians reside in this place. There is very thick jungle of Tamarisk on some part of this road.	
	Khyrpoor.....	10		Open country the whole way, passed three small canals into which the water was flowing. The Cavalry passed over without difficulty, but the camel I was riding slipped down twice in the passage of one of them; Khyrpoor may have about 200 houses. The bazaar appeared well supplied, and forage not scarce.—Joodoo is two miles, and Nawacote 10 miles to the E. of Khyrpoor.	
	Bora.....	20		By marching direct from Fukeer-ka-Gote to Bora, the distance is lessened by 6 or 8 miles, but we made the detour to avoid the canals. The country is open all the way; the following villages were passed. Aiylopoor 3 miles, Dadojo gote 6, Googofullojo 6 miles, Mureed Jumaul-jo-gote 2, Bora 7. Many cuts or small but deep canals occur on the road, but they were found empty, they would present serious obstacles to cavalry and camels if full. Googofullojo and Jumauljo-gote appeared to be respectable villages, but Bora is a wretched place, water is scarce; there are three wells 1 to the north and 2 to the south of the village. There is a tope of trees at Bora discernable at a considerable distance. The country about here produces large quantities of bajree and jowaree, but not much rice. The Gaure is said to be 8 miles off, Tulloor 12 miles W. by S. on the other side of the Gaure, 150 houses. Chanri 14 coss, 30 houses. Munaheen or Rajaka Wain, 6 miles S. W. by W. 400 houses. Goolam Ali-ka-Tanda 8 miles N. W. Meerpoor 28 miles. The distances and direction cannot altogether be depended on.	
	Note kani.....	8		Also called Haji Sawunjo Ghote, 60 houses, appears well supplied, saw large herds of cattle and sheep, passed several dry canals.	
	Gooloo Talpoor ja gote.....	4		A small village, between 20 and 30 houses, there are banians at all these places, water is plentiful, but it has a bad taste & smell on account of the wood used in building the wells, open country all the way, Goolam Ali-ka-Tanda 8 miles East, Mahomed Khan-ka-Tanda 12 miles West, Hyderabad 28 miles N. W.	
	Fuzul jo Tundro.....	18		The following small villages occur, Dada-jo-gote, 2 miles, 6 houses; Jorim-jo gote, 4 miles, 20 houses; Fukurm-jo-gote, 4 miles, 30 houses; Wussen, 4 miles, 40 houses, $\frac{1}{2}$ of a mile from Fuzil jo Tundro is Buchum Shah ja gote, 60 houses, encamping ground N. of Fuzil jo Tundro, a fine built well inside the town; the first half of this march is particularly bad on account of numerous water cuts.	
	Hydrabad.....	12		Several villages occur, The road is good the whole way, pass the the Fullalie a mile from Hyderabad, water up to the saddle girth.	
Total miles,....		199	5	The route from Wanga bazar to Hyderabad would be, not impracticable, but difficult immediately after a fall of rain.	

M. McMURDO, Captain.
Asst. Qr. Mr. General Scinde & B.

POST ROUTE FROM BALMERE TO OMERKOTE.

Surveyed under the Superintendence of Captain C. F. Jackson, 2nd Light Cavalry, Political Superintendent of Mullanee; by Dayalchund Private Guide, Qr. Mr. General's Department; measured with Perambulator.

Nearest Civil Authority.	TOWNS AND VILLAGS.	Distances.		General direction.	REMARKS.
		Miles.	Furlongs.		
Political Superintendent Mullanee.	FROM BALMERE.				
	Marrooree.....	6		S. 85 W.	15 Houses, 1 shop, 1 well, sweet, 53 feet.
	Jessye.....	3	7	S. 70 W.	32 ditto. 3 do. 1 do. do. 80 do.
	Purroo.....	2	1	N. 69 W.	15 ditto. do. 1 do. do. 130 do.
	Kurreen.....	7		S. 83 W.	25 ditto. do. 2 kucha wells, 36 do.
	Tamlyar.....	7		S. 54 W.	15 ditto. do. 1 well sweet, 145 do.
	Lasawah.....	3	6	N. 36 W.	5 ditto. do. do. do. 166 do.
	Ram Sarkar.....	5	4	N. 76 W.	8 ditto. kucha sweet, 60 do.
	Bheenee.....				
	Dubbah.....	5	7	S. 53 W.	16 ditto. do. do. 60 do.
	Buddoosun.....	7	3	W.	15 ditto. do. do. 70 do.
	Guddra.....	4	6	S. 81 W.	100 do. 20 shops, 1 well sweet, 280 feet, this well is about 5 furlongs west of the village, near which, are several shallow wells.
	Itkhan.....	7	5	S. 76 W.	12 Houses, 2 kucha wells, sweet, 52 feet.
	Lampla.....	6	7	S. 76 W.	60 do. 2 do. do. 47 do.
Collector of Hyderabad.	Keetalia.....	2	5	S. 63 W.	Deserted, old dry well.
	Jeylowna.....	1	4	S. 54 W.	Do. kucha wells with water.
	Govind-ka-Bereea.....	1	1	S. 55 W.	5 Houses, 1 do. sweet, 45 feet.
	Taekrah.....	7	4	S. 83 W.	5 do. 4 do. do. 42 feet.
	Roherara.....	4		S. 77 W.	10 do. no water.
	Roopiar.....	8	4	S. 33 W.	Deserted, dry Well.
	Kytar.....	1	5	S. 12 W.	Post Runners station, 2 salt wells, 126 feet.
	Chotear.....	6	3	S. 78 W.	Deserted, 1 well sweet, 105 feet.
	Catareh.....	3	1	S. 66 W.	4 Houses, 3 wells, do. 63 feet.
	Hingoolah.....	4	5	S. 49 W.	do. 1 do. do. 60 feet.
	Omerkote.....	5	3	S. 83 W.	A large town and Fort, supplies and water abundant, forage excepting during the rains, generally very scarce. The fort is at present garrisoned by a detachment from Deesa. Road from Balmeer to Guddra generally good from the latter
	Total miles.....	114	1		

place to Omerkote heavy and over a succession of sand hills, inhabitants are not always to be found at the wells between Guddra and Omerkote.

Regiments might march this route with facility during the rains, in the cold season by detachments; and taking the precaution of sending on over night to draw the wells, and fill the troughs; in the hot season some inconvenience would be experienced.

C. F. JACKSON, Capt.
2nd Light Cavalry.

ROUTE FROM JEYSULMEER TO MITTUNKOTE.

Extracted from a personal narrative by Lieutenant Boileau, Bengal Engineers, 1835.

Territory.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Jaysulmeer.	JEYSULMEER.			
	Kathoree.....	16		Large village, water from tanks, no wells.
	Mundha or Koharee-sir....	16		Large tank, well of brackish water.
Bhowlpoor.	Nohur or Islamgurh.....	42		No intermediate village, a few and small pits of water at Darcour, 6 miles, and a Tank at about 12 miles.
	Through the Desert to..... } Moreed-ka-kote, (uninhabited) }	35		7 or 8 wells, tank on right of the road.
	Khanpoor	23		Large town, canal, and numerous wells.
	Jigwah.....	12		Large village, 40 Banians.
	Ghauspoor	10		Small town, of 300 houses.
	Chachra or Chachur (on the left } bank of the Indus)..... }	8		Village of 60 Houses.
	Cross River.....	1	2	
	Mittun-Kote.....	3		Beyond right bank, city of 1200 Houses.
	Total miles.....	166	2	

J. HOLLAND, Major.
Deputy Qr. Mr. General of the Army.





