

ROUTES AND STAGES

IN

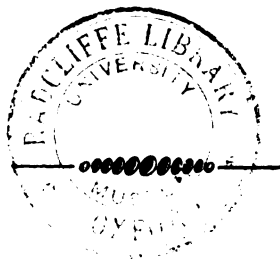
SCINDE

TO AND FROM

GUZERAT, CUTCH, JEYSULMEER AND JOUDPOOR.

*SURVEYED AND COLLECTED BY THE DEPARTMENT OF THE QUARTER
MASTER GENERAL OF THE BOMBAY ARMY.*

WITH AN INDEX.



Bombay:

PRINTED AT THE GOVERNMENT PRESS.

D. Nicker Printer.

1846.

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ROUTES IN SCINDE.

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ROUTE FROM KURRACHEE TO HYDERABAD,
Surveyed in September 1839.

NAMES OF PLACES.	Distance.		Stages.		Road & Soil.	Water.	Sup- plies.	REMARKS.
Kurrachee to H. M. } 40th Bazaar..... }	1	7			Made Road.			
Assarbac	7	1			Rocky and hard, Tank	3 Wells of good water	None.	A Wand of twelve Huts, Herds of Goats and Buffaloes grazing in the jungle which now commences to thicken, principally composed of Tamarisk, Lyl, Banbul, Bear and Jell.
Degur.....	1	1			Broken in places by water courses	4 do. do ..	None.	Jungle close.
Radheewarreewye	2	..			Hard sand..	4 do. do ..	None.	A Wand of 13 Huts—Camels, Goats and Buffaloes grazing around in great num- bers.
Thaddoo River.....	2	6			Heavy sand.	Dry .....	.....	Jungle very thick.
Jamke Gote .....	..	5	15	4	Hard sand..	Good Wells.	None.	A Wand of fifteen Huts.
Mulleear River.....	..	1			Ditto.	3 Wells of excellent water	Very scanty	This village consists of fifteen houses, seven of which are Hindoo, and five Mus- sulman—75 people in all—very little cul- tivation is carried on, though the re- mains of old wells and water courses, shew it was different in former days, they tan hides, spin wool, and distil spirits. Malmouree is on the right bank of the River. Water is procurable by digging a few feet in the bed of the River, which is now dry; there are frequent pools of bitter brackish water left by the last freshes.
Branches of Mulleer River	1	7			Very heavy.	.....	.....	The Road runs up the middle of the dry bed of the river which is very heavy sand, and deep gravel, but the first mile may be passed with greater ease by keeping on the right bank. Three branches of the river are crossed, all of which are dry, and very heavy, with sand and gravel.
Kaunta River	1	4			Hard sand ..	.....	.....	Thick jungle with large Baubul trees, ravines on the left. The Chokunda Tombs on the Gharra Road are here seen bearing S. 22 W. about two miles distant, large herds of Camels, Goats, Sheep, and Buffaloes grazing in the jun- gle, flies very tormenting to the horses.
Jellal .....	..	2			Hard sand..	Two Wells 12 feet deep, good water	.....	A Wand of 3 Huts, jungle thick and grass plentiful, large herds of female Camels with young, the surrounding dis- trict is called Kaunta, and in consequence of being plentifully supplied with water by nnmerous branches of the Mulleer river intersecting it in all directions, it becomes after the rains good grazing land.
Nulla.....	2	1	15	4	Hard sand..	.....	.....	Emerging from the jungle, the road as- cends a rocky limestone table land, gra- dually surmounts the Sargee range of hills, and then dips down again into an open Meidan. The district now is called Sarjee.
Jokea Jam.....	2	6			Sandy	Dry Tank 1 Well dry, at 30 feet, Two Burds for rain water	None.	Ground broken by small nullas, three Huts surrounded with a few fields of Bar- jeree, and several Mares with foals graz- ing. Grass plentiful, one of the Bunds in disuse, the other nearly dry, fresh wells being dug.
Guggur	3	3			Hard sand ..	Wells of good water.	None.	A Belooche wand of forty Huts half a mile off the road to the left, low jungle, Cows, Sheep, Goats and Buffaloes graz- ing.
Partorree River.....	...	7	12	7	Hard sand ..	1 Well on the River Bank, 35 feet deep, several in the dry Bed.	.....	The western bank has a gradual slope of 40 feet about the centre of which there is built a well of Puckar Masonry, 35 feet deep, and most excellent water, water is procured in the dry bed by merely scrap- ing away about four feet of gravel.

NAMES OF PLACES.	Distance.		Stages.		Road & Soil.	Water.	Supplies.	REMARKS.
Nulla	1	2			Hard sand..	.....	.....	Straggling loose jungle.
Five Nullas	1	2			Hard sand Heavy in places.	.....	.....	For half a mile the road is heavy, being cut up by a succession of small nullas, around which the jungle grows thick and rank the most conspicuous, of which are the Baubul, Bear, Prickly Pear, Milk Bush, Goondee, wild Indigo and Goollee, many cattle grazing in the high grass.
A Tomb.....	3	5			Rocky and stoney.	.....	.....	Jungle gradually thickens, and the road very stoney. The Kuttean range of hills now are lost sight of, they derive their name in consequence of the Dyers resorting to them for the wild Indigo which abounds upon their sides.
Malmooree Ghât.....	3	7			.....	.....	.....	The road now ascends a shingly ridge of rocky limestone over which it passes for two miles and then descends by a winding path into the valley. The perpendicular fall is not much more than forty feet where it commences to descend. The valley is 5 Furlongs broad jungly and greatly cut up by nullas, and is formed into a <i>Cul de Sac</i> by the surrounding mountains. The road over the Malmooree mountains is very steep and rocky, and very narrow at the summit, Guns could not be conveyed across upon their carriages. The nature of the mountains prevents a circuitous pathway being formed up and down their sides, the whole of the various ranges of hills here, have a slope to the N. W. with abrupt and perpendicular sides to the S. The summits are all flat. They are formed of limestone colored variously by iron.
Run Pitteanee. ....	..	5			Ditto.	Good Wells.	None.	This Wand is on the banks of the river Hurchee, now dry. A clump of trees about half a mile off the road to the right marks the site of some excellent wells 18 feet deep.
Malmooree.	5	7	16	4	Very heavy sand	Wells in the dry bed of the River.	None.	The road skirts the dry bed of the river Hurchee, close under the Mulmooree Hills occasionally leading up the middle of the dry bed, which is excessively heavy with sand and gravel. Malmooree is a Wand of herdsmen. The clouds that break upon the surrounding high mountains, convert the dry channels of the river into a roaring mountain torrent of some considerable breadth and rapidity, but all becomes dry again in a few hours after rain. The unabsorbing nature of the hills occasions the whole that falls to run into the river channels: which by the time it arrives there acquires an excessively bitter and nauseous taste. The cattle that graze amongst these hills become very fat, and mutton fed here equals any thing of the kind in Europe. Sheep are procurable at one rupee each.
Nulla .....	..	5			.....	.....	.....	Cross a ledge of rocky ground into a Meidan, running parallel with the Kara mountains. At about three miles from Malmooree, a mile off the road to the right is a wand called Pultakur Tallow, the inhabitants have to fetch water two miles off: they spin wool, and weave coarse cloths which are exchanged to travelling Banyans for Grain &c.
Liabund Tallow.	3	3			Hard sand..	Rain Water Tank.	None.	Wand of Herdsmen, jungle thickening, tufts of Fossil grass.
Gharra Road to Humlane	2	3			Ditto. ....	.....	.....	The Gharra road here runs across.
Karra	1	2			Ditto.	Rain Water Tank..	None.	<i>Low Jungle.</i> A Wand of twenty Huts, and about a hundred inhabitants. There is a smaller wand two furlongs further on. The herdsmen dwell here only during the monsoon months, these are principally from Tattah.

NAMES OF PLACES.	Distance.		Stages.		Road & Soil.	Water.	Sup- plies.	REMARKS.
Jakurra	6	..			Hard sand..	Rain Water in deep pools of the River Bed.....	None.	A Wand of eight Huts.
Kowranee	1	1	14	6	Steep and Rocky with heavy sand .	Do. do.	None.	A halting spot on the banks of the river Kowranee. Water remains sweet all the year in deep holes in the beds of the ri- ver.
Gogaree Nulla.....	4	..			Hard sand..	Nearly dry..	.....	A small Wand close to the road.
Rodh	10	1	14	1	Roads hard sand.....	River.....	.....	Flat jungley country, much infested by wolves.
Baraim	16	1	16	1	Sands	Dry River water at 2 feet in the dry Bed. 2 Wells....	.....
Gum Bhirra Wells	2	7						
Bultalae.....	2	7						Small village on the Indus.
Kotree.	1	2	7					A village on the Indus opposite Hyderabad.
			96	7				

With the single exception of the Pass in the Malmooree Hills, the whole of this route is available for all military purposes. The roads are firm and good excepting where they lead up the dry beds of rivers, as in the Malmooree and Hurchee rivers, and in crossing the dry bed of the Baram river, when they become excessively heavy with deep sand and gravel. No supplies are procurable the whole distance, water may be obtained to any quantity by digging in the beds of nullas, and of excellent quality. The nature of the soil remains the same throughout, sand and mica, with a substratum of rocky limestone. Fossil Marine Shells, and a great variety of Coral are imbedded within the high ranges of hills. Thunder storms are very frequent during the monsoon months, amongst these mountains, accompanied by strong whirlwinds: the dry nullas become foaming torrents, which subside as quickly as they were formed.

(Signed) W. H. BRADLEY.

Assistant Surgeon.

ROUTE TO KOTREE NEAR HYDERABAD, VIA GARRAH AND JERRUK, FEBRUARY 1840.

Civil Authorities.	STAGES.	Distance.		REMARKS.
		Miles.	Furlongs.	
	Kurrachee to Garrah.....	40	5½	Vide No. 3.—The creek is navigable for boats of 12 Kharans, as far as Gharre, but Stores and Baggage generally go by land as the navigation is tedious and long, supplies and water abundant, the latter from a nulla near the Town, where there are 16 cucha wells, the country in the vicinity of the Town, a succession of low sand hills, covered with Milk-bush without any appearance of cultivation.
	Cucherie.....	6	6	A few mud huts, road good, excepting where the Hurchee river is crossed, it is dry but deep in sand.
	Hallejee.....	5	2	A few rude huts, this is a moveable village and advances or retires as the water of the Dund alters in which there is at this time an extent of water of several miles to the Southward, water good, grass and wood abundant, the cattle very fine.
	Syah.....	16	..	This is merely a halting place, a spring of fresh water near a rocky ridge, and a nulla of fresh water 200 yards long and 70 broad, water deep and plentiful, grass must be brought from Hallajee unless the traveller has grass cutters with him; six miles from Hallajee the direct route from Kurrachee to Jerruk, <i>viâ</i> , Run Pitteanee, is met with, a fine broad well defined line of route, the road the whole way from Hallajee excellent, the country from Run Pitteanee to this a level plain and distance 24 Miles.
	Khodia Ja Ghote.....	8	6½	A village of 100 houses, the Mahomedans are of the same tribe as the name of the village, a system that prevails in this part of Scinde; the Kowranee river is crossed at 2½ miles, and Jinepeer on left a Musjid (and Teerut for Hindoos once a year) at 5½ miles where there is a spring of fresh water, at 7 miles the Rodh river is crossed, the road is not quite so good as in the last march, but practicable for wheel carriages, the sandy bed of the former river, and a deep stony nulla just before reaching it, are the only obstacles that would cause any delay, unless improved, and the Rodh river in heavy rain would occasion a detour to the left round Junpoor.
	Shaik Ameen Peer.....	1	4	A Tomb on a hill, on the opposite side of which is the Soneri-ke-Dund which runs down to Heylaya and the Kenjur from the same river near Heylaya, the strip of land between the two lakes being 2 coss broad, the Soneri is said to be 24 miles, and the Kenjur 18 in circumference at the highest point to which the water rises, below Shaik Ameen Peer there is an ancient Caravansary, a square of 50 yards of stone, it is a good place to put up at, with water close by, and capable of containing 200 men; the rivers like the villages, take their names from the people living on their banks.
	Sonerie-ke-dund.....			From Khodil over a stony plain for two miles, then a rocky difficult nullah and stony ridge, descended from into Sonerie-ke-dund, skirting the North end of it, passing a remarkable hill in it, called Jam Tamatchee ke marry, the Dund has a beautiful appearance, vegetation near it is scanty, except short grass, after leaving the dund, a difficult stony nulla is crossed, which drains a piece of low land 3 miles N. E. of the Dund, and across which the road runs, owing to heavy rain a detour was made by a footpath, winding round on the South East of the low land.
	Encamped.....	5	4	
	Jurruk.....	7	3½	The whole distance to Jerruk over and undulating stony country, the road a mere footpath, but practicable for carts.
	Total miles..	89	2	
	Jerruk to Kotree near Hyderabad is :	23	1	Vide No. 13.

Route from Kurrachee to Jerruk direct, viâ Run Pitteanee.

Civil Authorities.	STAGES.	Distance.		REMARKS.
		Miles.	Furlongs.	
	Kurrachee to Run Pitteanee.....	33	3	Vide No. 1.
	Kaffir-ke-Dund or Joga Syn.....	10	..	No Village, water from Dund.
	<i>Syah,</i>	14	..	
	Jim Peer.....	6	6½	} Vide route <i>viâ</i> Gohra.
	Khoodia.....	2	..	
	Jurruk.....	14	3½	
	Total miles..	80	5	In addition to the impediments on the road, <i>viâ</i> Gharra, there are on this at Run Pitteanee a difficult Ghaut and two nullas between Kaffir-ke-dund and Syah, and when the convenience of the Gairah creek for transporting Baggage and the slight difference in distance is considered, it is expected the Gairah route will be preferred, on which water and grass is more abundant.
	Jerruk is situated on the right bank of the Indus and has a population of about 4000 people, is well raised above the river on a rocky ridge, the lands to the N. and S. are never inundated, and the place seems particularly healthy, there is good encamping ground W. of the Town, and the place is remarkably clean.—There are swamps or marshes near it and it is conceived to be far better adapted as a Post than either Tattah or Sehwan.			

The above is an extract from Captain DelHoste's report of the country between Kurrachee, Jerruk, Hyderabad and Sehwan.

REPORT ON THE ROUTES LEADING FROM KURRACHEE TO JURRUCK.

Camp Jurruck, February 14th, 1840.

1 There are three roads to Jurruck from Kurrachee.

1. *Viâ Ghurra, Tatta and Soonda.*
2. „ *Ghurra, Hallejee and Khooda.*
3. „ *Run Pitteanee, Jim and Koodie, the first of these routes was followed by the Army advancing towards Larkanna, the second I have followed and surveyed.*

The third has been surveyed by the guides, the distances are noted in the margin; arrived at Garrah this evening at 4 o'clock, having been exactly 24 hours in coming from Kurrachee harbour, by the creek leading from Gisry to Gharrah.

A survey of this creek has been made by Lieuts. Barker and Grieve, Indian Navy, from whose work it is laid down in the Map. It is navigable for boats of 12 kharars, as far as Gharrah, and for those of 15 Kharars up to Bainboora.

Gharrah contains a population of 1,500 souls, supplies are abundant, and water also, the latter from a nulla near the town, where there are 16 cutcha wells, formerly water from the * Dund near Hallejee came as far as this, but a † bund has been constructed which prevents it flowing beyond that place.

There are no boats belonging to Gharrah, save a small one, the property of a Syyud.

The country in the vicinity of the town is a succession of low sand hills, covered with bushes, the Milk bush (Sen) being abundant;—I saw no appearance of the country having been under cultivation.

The creek is navigable for small boats as far as two miles beyond the town, a mile and a half distant east is the Kulleerie canal, with which the creek might be connected; the course of the Kulleerie will be seen in the map. The villages on the Kulleerie canal have of late years become very prosperous, water being in abundance there in the same degree as it has decreased in the Buggam on whose banks rice was extensively cultivated.

The inhabitants of Gharrah are Johannas and Jokias, the former Hindoos, the latter Mahomedan converts, their ancestors having been of the Sunra Tribe of Rajpoots, they are said to amount now to 8,000 fighting men, and are ruled by their Chief, who is styled the "Jam." On the death of Meer Morad Ali Khan, they took service with Meer Nuzzur Khan, and have steadfastly attached themselves to him, although many offers of increase of pay and favor, have been made to them by the other Ameers, if they would desert his cause.

The Soomries are also of the same descent as the Jokias, but have fallen in the estimation of the former, from having given in marriage their women to the Belooches; this was done at the instigation of Meer Kurram Alli, who hoped by effecting such alliances, to bring the clans (if I may so call them) firmly together. The Jokias however could not hear of it.

Ahmed Khan Soomrie of Humlane gave a sister and a daughter (I am told) to Meer Kurram Alli, and Meer Noor Mahomed in marriage.

The climate of Gharrah seems nearly similar to that of Kurrachee, but not quite so good.

Fever is slightly prevalent after the inundations, August, September, October and November. This year they suffered more than usual, 12 people died of the fever, and most of the inhabitants had it. It is admitted by all, that the last year was one of the most unhealthy they ever experienced, probably the sickness was in a great measure increased by the want of rain, (three years having passed without any falling) and the consequent privations to which the people had been exposed. Our arrival in the country was hailed as a blessing and many people have told me, that had our forces not entered Scinde, they must have starved. I am happy to say, that our wealth has greatly assisted the poor in Scinde, they now have food and raiment for their work, whilst before they were starving, and could procure no employment.

This disease was prevalent during last March, and carried off 70 people in the town, it had not been known for six years,

Halted at Gharra in consequence of my camels not having arrived, took Meridian Altitude of Sun's lower limb by Sextant (pocket) in the water of the creek, 50°-39'-0. I have no Ephemeris by me to calculate the latitude, nor do I think this observation is to be depended on as correct, having no false Horizon.

Marched 6 miles 6 furlongs to Cutcherie, road good the whole way excepting after crossing the Hurchee river, where the sand is deep, river dry, falls into Gharra creek; passed Chola Peer Putta on the left, and a Mahomedan burial ground on the right.

Cucherie or Cutcherie is so called from a small mud Fort in which the Jams used to hold their Courts of Justice and enquiry. The village is merely a few reed huts and contains a population of about (100) Souls.

A sketch of the Fort is annexed, it might prove useful as an outpost for a few men.

The appearance of the country at two miles from Garra improves, it becomes undulating and is covered with bushes, Kurree, Tamariak, Baoble and Peloo; The rain seems to have been abundant here, and the country looks green and thriving as far as the jungle is concerned, for there is no cultivation.

Observed Altitude S L. L. with a mirror levelled as well as I could do it 2)100° 36 0.

50 18 0.

At 4 P. M. left this village and moved on 5 miles 2 Furlongs to Hallijee, the road over low stony hills covered with (Noorung) Milk bush; the village an assemblage of reed huts, population 50 Souls.

This is a moveable village, and advances or retires as the waters of the Dund alter: there was an extent of water of several miles to the South, and a range of low hills North a few hundred yards distant, beyond them the waters never proceed: the water excellent, grass and wood abundant, the cattle the finest I have seen in Scinde.

Marched at 5 A. M. arrived at Syah or Nyah at 10 A. M. distant 16 miles, road excellent, a carriage might be driven the whole way.

Six miles after leaving Hallijee we fell into the direct route from Kurrachee to Jurruck, a fine broad well defined line of route, no towns or villages were seen, the inhabitants being, as described in my report on the country between Sehwan, Tatta and Kurrachee, (forwarded to Colonel Pottinger on the 25th December,) a wandering race, frequenting those places where water and forage is most plentiful.

96 Miles.

89 Miles 2 furlongs.

84 Miles 1 Furlong.

February 5th.

Population.

Water.

* a Tank.

† an embankment.

Boats.

Face of the country.

Creek and Kulleerie canal.

Villages on the Kulleerie and Buggam.

Inhabitants Johannas.
Jokias.

Soomries.

Climate.

Fever.

Cholera.

February 6th and 7th.

February 8th.
Cutcherie.

Face of the country.

Hallijee.

February 9th.

Syah.

Is merely a halting place, a spring of fresh water exists near a rocky ridge and nulla, on the banks of which is a small burial ground, one tomb was more conspicuous than the rest, and was decorated with rude iron bells, such as are placed round the necks of cattle.

The nulla was 200 yards long and 70 broad, water deep and plentiful, grass must be brought from Halljee, unless the traveller has grass cutters with him.

Country between this and Run Pittanee a level plain covered with bushes, distance 24 miles, see Map.

Khoodie or Khoodia
Ja Gole.
February 10th.

This is a permanent village of about 100 mud huts, and a population of 350 Souls, the greater part of the inhabitants are Hindoos; the Mahomedans are of the same tribe as the name of the village. A system which seems to prevail in this part of Scinde. Distance 8 miles 6½ furlongs.

Road.

The road to-day was not quite so good as that passed over yesterday, but is perfectly practicable for wheeled carriages; the Kowranie River and Roodh are curved, the sandy bed of the former, and a deep stony nulla just before reaching it are obstacles which would delay carts, unless the road was improved there.

Jun peer, a Musjud, (and Turut for Hindoos once a year); where there is a spring of fresh water, is passed on the left, it is on the right bank of the Roodh river, which runs into the Kinjur-ke-Dund, this is the lake laid down in my Map of Scinde near Heylaya or Heylana, and the existence of which was questioned, my information respecting it was correct, but its position in my Map is not so. This Dund and the Sonerie formerly were in one, see the tradition respecting them in my memoir on Scinde 1832.

Roodh.

The road across the bed of this river is sometimes, during *very* heavy rain or *unusual* inundations, covered with water, when a detour must be made to the left round Jun peer.

Shaik Ameen Peer.

The tomb of this saint is a mile and a half beyond the village, on a hill on the opposite side (E.) of which is the Sonerie ke Dund, the strip of land between the two latter, being 2 Coss broad, and runs down to Heylaya.

The Sonerie Dund comes from the Indus near Soonta.

The Kinjur from the same river near Heylaya.

Both are broad canals at the junction, the water being conveyed by them to the low ground inland which forms the Dunds.

Kinjur is 18 miles and Sonerie 24 miles in circumference, taken at the highest point to which the water rises.

Ancient building.

Below Shaik Ameen's Tomb there is an ancient Caravansary, being a square of 50 yards, each side of stone and Chunam, three sides are formed into rooms, the front part supported on pillars of stone, to the South is the entrance and on that face is a wall merely, the height of the inside walls is 15 feet, and breadth of building about the same, there is no inscription or any mark by which to trace the period of its construction. The Faqueers who resides at the tomb say it has been built "in many many years" in other words they know not when, the history of Shaik Ameen is also involved in like obscurity, both buildings appear of the same date, it is a good place to put up at, being extensive and secure, with water close by, the place is capable of containing 200 men, it is on the edge of the Dund.

Meridian Altitude (at a part of water near Tent) Sun's L. L. 2) 100 8 0

50 4 0

The rivers like the villages take the names of the people living on their banks, the same river will have half a dozen names, see Map, where these rivers have been crossed at other points.

February 10th.

At 4 P. M. Left Khoodie, and took the road to the left of the Mosque, the Guides having proceeded by that to the right. Crossed over a stony plain for 2 miles, then a rocky difficult nulla and stony ridge, where the soil is of a deep red color, descended from this into the bed of Sonerie Dund, skirting the North end of it and passing a hill in it called the "Palace of Jam Tamatché Jam Tamatchee ke Marrey," this said Jam "was a Tumma Rajpoot and ruler of the Kingdom, which in his days extended to Joodpoor and Baroda! and from the sea to Bukkur!" See a remark in Sir Alexander Burnes's travels into Bokara, regarding the Kings of Allore, Chuch-bin-Dut, with which this report heard from a common guide agrees.

Sonerie-ke-Dund.

The former page contains an account of this Dund, it has a beautiful appearance, the water being clear and deep (20 feet it is said) and the bed being gravelly and hard, but few reeds or bushes are seen in it.—The exhalations from such an extent of water, could not I think be unhealthy, since it never entirely dries up, vegetation near it is scanty excepting short grass. After leaving the Dund, a very difficult stony nulla was crossed which drains a piece of low land 3 miles N. E. of the Dund, and across which the road runs, owing to the late heavy rains, we were obliged to make a detour and followed a foot path winding round the ground above mentioned on the S. E. side of which I encamped for the night, distance 7 miles.

February 11th.

This morning moved on at 6 A. M. reached Jurruck at ½ past 8 o'clock, the whole distance over an undulating stony country, the road a mere foot path, but practicable for carts.

The distance 7 miles 8½ furlongs, making the whole distance from Kurrachee eighty-nine miles two furlongs, 89-2-0.

The route by Run Pittanee is as follows:

	M.	F.	F.	
Jamka Gote	13	5	0	A few huts of reeds river Mullore.
Guggur	11	6	0	Ditto Watteejee River.
Run Pittanee	11	4	0	Ditto Hurchee river.
Kaffer ke Dund	10	0	0	No village, water from Dund.
Nija or Syah	14	0	0	As per my route.
Jim Peer	6	6½	0	Ditto ditto ditto.
Khoodia	2	0	0	Ditto ditto ditto.
Jurruck	14	8½	0	Ditto ditto ditto.

Eighty-four miles one Furlong. 84 1 0

In addition to the impediments on the road *via* Gharra, there are on this at Run Pittanee a difficult Ghaut or Suk, and two nullas between Kaffer ke Dund and Sya.

When the convenience of the Gharra creek for transporting baggage and the slight difference between the routes in point of distance is considered, I think the opinions will be in favor of the Gharra route, on which water and grass is decidedly more abundant than on the road by Run-Pittanee.

(Signed) EDWARD P. DELHOSTE, Capt.
Assistant Quarter Master General. N. D. A.

JURRUCK.

Is situated on the right bank of the Indus, 18 Coss from Tatta, 12 Coss from Hydrabad. The town contains a population of 4000 people, is well raised above the river on a rocky ridge, the lands to the N. and S. are I am told never inundated, and the place seems particularly healthy. The people do not look sickly, nor do they say fever is common, although last year they suffered slightly. There is good encamping ground West of the town, and the place is remarkably clean, there are no swamps or marshes near it, and I conceive it far better adapted as a post than either Tatta or Sehwan.

Tatta has a swamp East (Manjur) the Delta to the South and West, and the waters of the Kunjur and Sonerie North.

Sehwan has the inundated lands of Larkhanna to the North, Muncher to the S. W., and Marrooe N. W.

I annex a sketch of the Town shewing the encamping ground.

(Signed) EDWARD P. DELHOSTE. Capt.
Assistant Quarter Master General.

February 13th, 1840.

Camp Gharra February, 7th 1840.

SIR,

I have the honor to acknowledge the receipt of your letter of yesterday's date with enclosure from Captain Outram, Political Agent Lower Scinde, calling on me for a survey of the direct route from Karrachee to Jurruck, as well as one from Gharra to that place. In reply I have the honor to inform you, that the route direct from Karrachee to Jurruck is seldom followed, it being quite a desert, and the trouble of digging for water very great. We have a Survey of this road to Run Pittianee on the Hurchee River 20 Coss from Jurruck, and I shall send the Guides from thence to Run Pittianee on my arrival, and complete that survey, the usual road followed by the natives of the country is to this place, and then direct to Jurruck, which route I commence the survey of tomorrow.

Anticipating that these Surveys would be called for, I prepared and nearly completed a Map of the country between Karrachee, Sehwan and Tatta, which I intended should accompany the report of that part of the country, which I submitted for your perusal and a copy of which has been sent to the Resident, as well as one to Bombay. To enable me to meet Captain Outram's wishes, I must beg of you to have that Map sent me as early as possible, together with drawing paper; and if possible, the draftsman Mr. Fernandez, when I shall be prepared to finish the documents required by Captain Outram, and will lose no time in completing them.

I shall also feel very much obliged by your dispatching by this opportunity, a Schmalcalder's Theodolite with stand and false Horizon, both of which are in the office.

I have the honor to be &c.

(Signed) EDWARD P. DELHOSTE, Capt.
Assistant Quarter Master General.
N. D. A.

To,
Colonel FARQUHARSON, Commanding.
Karrachee.

ROUTE FROM KURRACHEE TO TATTA.

Camp Kurrachee, 22nd March 1842.

NAMES OF PLACES.	Distances.		REMARKS.
	Miles.	Furlongs.	
From Kurrachee to Soorapnee...	..	..	11 miles 1½ furlongs, about 20 houses and a well
Jemadar-ke-Lande.....	14	1	Halting place, a ruined Tomb, water brackish.
Peepree River.....	..	..	10 Miles.
Wutteejee.....	17	..	Halting place, Musjid and well, water brackish.
Gharra.....	9	4½	Halting place, about 80 houses, the water in the well near the town is scarce and brackish, better procurable at a little distance.
Goojah.....	11	6½	Halting place, a small fishing village, excellent water, and a tope of trees.
Tatta.....	10	..	Halting place, town, bunder 5 miles further.
Total miles ..	62	4	

(Signed) R. H. MACKINTOSH, Lieut.
Deputy Assistant Qr. Mr. General.

ROUTE FROM KURRACHEE TO HAJA JAMOTE, VIA SHABILLAWL,
SURVEYED BY ESSOO RAMA 2D GUIDE.

NAMES OF PLACES.	Bearings.	Distances.		Supplies.	Water.	REMARKS.
		Miles.	Furlongs.			
From the Town to Mug- geh Peer	N. 10 E.	9	1	None.	Hot springs.	This is the Mugger tank described by Lieut. Careless, there are pools of warm water, a few Date and Co- conut trees, and some mud huts in which a few Fucqueers reside.
Chukkora nulla	N.	11	3	Ditto	in Pools.	This is a halting place, water brakish, no village.
Hubb River	N.	5	6½	Ditto	Plenty.	A fine stream of excellent water, 18 inches deep at the place crossed, in many parts there are pools of a depth of 20 & 40 feet, abounding with fish and crocodiles, alligators rather, no villages; the inhabitants of this part of Scinde wander about with their numerous herds of cattle as the country affords pasturage. The Hubb river is said to rise in the mountain range called Pubb near Zeedee.—It enters the sea miles off Kurra- chee, second guide Oree Sing has surveyed the route from hence to that point.
Lohane nulla	N. 10 E.	1	3½	Ditto	Scarce.	Here the good foot path ends.
Baboora river	N. 4 W.	13	4	Ditto	Scarce.	Water salt, road rocky and bad.
Vehrâb river.....	N.	3	3	None.	Scarce.	Road between hills very bad.
In bed of river... ..	N. W.	2	4	Ditto	Ditto.	
Vehra Ja Gote.....	N. 10 E.	2	2	2 Shops.	Abundant.	40 huts, water from pools in the bed of the river, plenty of sheep, goats, and buffaloes, supplies for 50 or 60, men, inhabitants Loomries and <i>Guddrai</i> .
Cross Vehral R.....		2	5½			
Junction of Vehral and } Amrie rivers		8	4½	None.	Scarce.	From holes in bed of river, road very bad, hardly pass- able by camels.
Amrie river ends.....	N. 5 E.	8				
Shaw Billawul		3	2			It will be seen by the protracted route, that the posi- tion of this place is irregular, being a narrow valley (in which 1500 men might encamp) producing fruit trees of various kinds, Mangue, Orange, Tamarind, Vines and flowers—a fine spring flows out of the rock and fertilizes the valley, the only inhabitant of which is an ancient Faqueer (80 years old) who has resided here upwards of 40 years; There is a pukka Musjeed, and a tomb of Awlia Shaw Billawl—It is said the pre- sent resident never <i>eats food</i> but lives on some hea- venly substance supplied to him by the genie—an extraordinary assertion but credited by the people in the vicinity. The spot is sacred, and those who can afford to be buried there esteem themselves fortunate. The bed of river is full of very <i>very</i> large Babool trees and stones.
On right bank Shah river.....		4				
Cross river.....		2	..	None.	Scarce,	
Ruins of a village.....	N. E.	8	2	Ditto	None,	
Junction of Shah and } Samot River.....		1	..	Ditto	Pools.	
Cross the Samot river,...		6	1	Ditto	Ditto.	Very bad road, full of large stones.
Deserted village lately } occupied by Sahib } Khan.....	N. 10 E.	..	7	Ditto	Plenty.	Hilly and stony country.
A spring of fresh water } in a nulla.....		6	2	Ditto	Ditto.	
Foot of small pass (luk)& Ascent....Ditto.....	W.	..	6			The small pass is as if it were paved with immense flat stones.
Descent... Ditto.....		..	5			The large one nearly perpendicular the camel could scarcely go up it, and even then would not have suc- ceeded unless assisted by the ropes; bed full of Tama- risk and stones.
Commence ascent of the } large pass.....		..	5			
Descent.....		..	4½			

NAMES OF PLACES.	Bearings.	Distances.		Supplies.	Water.	REMARKS.
		Miles.	Furlongs.			
Vindher river.....		2	1	None.	Good by digging.	
Juma Jamote.....	W. 40 S.	..	1	Ditto	River.	Deserted except in the rains.
Kunaraj river cross.....		14	1	Ditto	Plenty.	Running stream 3 feet deep.
Cross again.....		3	2	Ditto	Ditto.	
Deep nulla and spring....		..	1	Ditto	Ditto.	
Another....Ditto.....		3	7	Ditto	Ditto.	
Hoja Jamote-ka-Gote....	N. 25 W.	2	2	4 Shops.	Ditto.	40 Huts 160 inhabitants, can bring into the field 100 match locks. This is similar to other villages of the description given, mat huts and merely temporary, it is probably by this time abandoned, as the people say they merely come there in the rains and hot weather when the heat on the Hubb river is insupportable. Hoja is the name of the Chief, Jamote is the name of the Tribe, they are Moosulmen; account from field book. (Signed) E. P. DELHOSTE, Captain. Assist Qr. Mr. General. Kurrachee, 30th November 1839.

Remarks on the Route by Captain DELHOSTE, Assistant Quarter Master General.

The object of this survey was to ascertain from whence the Antimony and Lead, (said to be found in the Pubb range) was procured. It has been satisfactorily proved that the metals in question are found in the Kanaraj river and vicinity after the rains. Specimens of both have been sent to Bombay to Dr. Heddle. The Pooralley and Wudd rivers are also said to produce lead, antimony and copper, gold and silver in small quantities are sometimes found, respecting the copper I have reason to credit the assertion, a Bannian of Kurrachee discovered and brought to Kurrachee a quantity which he sold, and was caught and punished severely (by one of the chiefs on the Shah river, this was 20 years ago, and the man's son is still living at Kurrachee) and only allowed to escape with life on condition of never revealing or again visiting the spot. I had this intelligence from Lookeramdass Noamul's brother.

The guide heard it mentioned at the village that 2000 years ago during the reign of the Kaffars, mines of gold and silver existed in the vicinity of the village, and a mound with large stones was pointed out to him as the site of a kaffer Town.

(Signed) E. P. DELHOSTE, Captain.
Assistant Quarter Master General.

ROUTE FROM KURRACHEE TO THE HUBB-RIVER, VIA CAMP AND MUGGEA PEER.

	Miles.	F.
Kurrachee to Brigadier's Flag	2	6
Flag to Leearee River.....	1	5
Pass in Hills.	3	3
Cross Wargee River .....	..	1 1/2
Cross over low Range.	2	4 1/2
Muggur Peer, or Muggur tank.....	1	..
Hubb River	6	7
	18	3

Route from Hubb-River to Kurrachee.

	Miles.	F.
Hubb River to Pass in hills.....	2	4 1/2
Cross Wargee River.	7	2
Pass in hills	1	7 1/2
Dhurrumsalla.	1	2
Cross N. breach of Leearee.....	..	4
Cross S. breach of Leearee river.....	1	2
Enter town of Kurrachee. ....	..	2
	15	..

(Signed) GEORGE BOYD, Capt.
A. A. Qr. Mr. Genl.

May 31st 1839.

KURRACHEE TO PUBB MOUNTAIN.

NAMES OF PLACES.	Distance.		Supplies	Water.	REMARKS.
	Miles.	Furlongs.			
Kurrachee.....					Route from Kurrachee to the Hubb and along its banks.
From near Wissundass Garden.....					
Cross River Liaree.....		$\frac{1}{2}$			Plain with very light Jungle Tamarick.
To another branch of the same } river.....		7			
Cross the same.....		1			
A Tank called Gora Kumlee. ...	1	5	None.	Water in it months 4	
Nulla Sevoland.....	2	3	None.		
To a Kind or Ravine.....	4	$4\frac{1}{2}$			
Descent of same.....		4			Direction to this N. W.
Hubb River.....	3	1			This river was 1 furlong broad and 8 inches deep, a fine stream of running fresh water which lasts until the end of Janu- ary, after which water is found in pits and pools in the river, no village near this; the country is inhabited by a wandering race of people who are Mahomedans and tend sheep and cattle, one shepherd's hut was seen at a distance of about one mile.
On the left Bank of Hubb to } Sea as per plan.....	10	1			No villages, one or two shepherds seen.
Turned back to Tekree and } thence proceeded to Tank } H'ila Bunna.....		4			A Tank with water in it in the rains, but does not last all the year.
Cross Hills (a Kind).....	4				
Cross a Nulla.....	1	1			
Well of fresh Water cross a } Nulla to it called Godunda. }	3	2			Round pukka well.
Another Nulla.....		$5\frac{1}{2}$			
Shewoland Nulla.....	1	7			
Branch of the Liaree.....	4	2			
Liaree River.....					
Kurrachee.....	1	$5\frac{1}{2}$			

(Signed) E. P. DELHOSTE, Captain.

Assistant Qr. Mr. General.

S. R. F.

ROUTE FROM KURRACHEE TO SEHWAN DIRECT,

Furnished by Lieutenant Colonel Ottey, 5th Regiment Native Infantry for or during the months of September, October, November and December.

RECEIVED IN MAY 1840.

Quarter Master General's Office, Bombay, May 1840.

Political Authority.	NAMES OF STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
	KURRACHEE.			
	Dumba	17	..	From Kurrachee the road is good about 2 miles East, about 4½ further on the right is the Mulleeree river, water rather brackish but good is to be had, by digging in the bed of the river; the last 8 miles is tolerably good, Goats were grazing but the people have no established residence. Water found in the river; about a mile further is a fine plain for a camp.
	Peepree river.....	3	..	Water procured by digging in the bed, no cultivation, but the Bare tree, Hippa and other trees and brushwood abound, wild Almond, flowers in bed of the river, cattle to be had in excellent condition, but their owners are not to be found, nor will they dispose of them.
	Goorban river.....	7	4	The confluence of the Goorban and Kuddajee rivers.
	Kuddajee.....	6	..	After quitting the bed of the river about a mile the road begins to wind through hills and is stony and rocky, but might with ease be made passable for guns; road winds among hills but seems tolerably good all the way to Kuttagee. Water procured by digging up the gravel in the bed of the river which is here dry from November till the next wet season, encamping good ¼ mile from the river.
	Thruck.....	17	..	The road runs along the side of the river for about 3 miles occasionally stony and rocky, direct road tolerably good till within 3 or 4 miles of Thruck or Throuk, when the guides take you off the road by a sacred place where there is a tomb of a Saint, near this water is found in the river; on the direct road to Dumaaz water must be dug for. Sheep and Goats to be had here, and a Bunia came from Tatta 40 miles.
	Dumaaz.....	10	..	Cross the river and the road is good all the way to Dumaaz over a plain, plenty of game and some Deer, at this place supplies are to be had, there is only one well of water and therefore should be carefully drawn at regular intervals; day and night with troops a sentry should be planted; about 2 miles East of Dumaaz is the village of Dasu of 20 huts and a well of good water, 3 or 4 miles to the West is Bulla Khan-ka-gote.
	* There is another well about 25 yards from the other, it was hid and only discovered by accident when the 4th Dragoons were there, having been covered over with brushwood &c.			
	Murraie.....	10	..	Fine open country all the way, some cultivation and Kurby to be had, about 4 miles off is the village of Humlane containing supplies; Hyderabad called 3 marches from this place, water in bed of river in wells and holes.
	Doobah river.....	9	..	Fine open road all the way, a range of hills on each side forming a valley. River Doobah has plenty of water, and if bunds were thrown up cultivation might be carried on, cattle grazing about, Goats & Sheep to be had, inhabitants reside near the hills on each side, and are not very willing to sell. Graves on the road side, tombs of travelling Kafillas, water to be had by digging.
	Kudjoor.....	9	..	Continuation of valley, road tolerably good till within 3 miles of Kudjoor, ground for encamping tolerable on North side of the river, plenty of good water and grass to be had near the bushes down the river.
	Pokun river.....	10	..	After crossing river the road is stony and bad for about 2 or 3 miles, winding along the valley and hills, not so much jungle till near Pokun where the wild Cypress is very thick, water plentiful.
	Mulleeree river.....	12	4	Road continuing very stony but might easily be improved, hills on each side very lofty, much jungle near them, now and then road very good. Mulleeree river, of good water, good encamping ground.
	Warkee..... 9 ,,			Cross Warkee river where is water, 1½ miles to the left is Chorla, near some tombs, on some of which are Persian inscriptions and figures carved, good encamping ground near the tombs, but the water is distant and consequently it would be better to encamp there.
	Chorla..... 2 ,,	11	..	
	Roree.....	12	..	From Chorla to Sehwan is about 25 miles. Roree is about half way where there is a well of good water, another well further to the right about 4 miles and nearer to the Luckie hills at Uhree, and other water but not enough for Cavalry, till you come to a large tank near the end of Luckie hills within 4 or 5 miles of Sehwan.
	Sehwan.....	12	4	
	Total Miles.....	146	5	

Memorandum of the route from Kurrachee to Sehwan, during the months of September, October, November and December. Single travellers might march by this route during this season or even later in about twelve days. Very few villages are met with on the road till within about 10 miles of Sehwan, excepting those of Meer Khan Dumaij Murrie and Humlane, (which is about 4 miles off the road West) consequently supplies and Bazaars should accompany troops. Grass may be had by cutting in the jungles and beds of rivers, water eventually must be dug for in the beds of rivers.

The above is compiled from Colonel Ottey's original, which was nearly destroyed by water, the additional remarks in red are from the route surveyed in March 1840, when the wing of H. M. 4th Light Dragoons marched this way to Kurrachee. R. S. H'd. Assistant Quarter Master General's Office.

ROUTE FROM SEHWAN TO KURRACHEE DIRECT.

Qr. Mr. General's Office, Camp Kurrachee, 12th February 1840.

STAGES.	Distances.		REMARKS.
	Miles.	Furlongs.	
Sehwan to Roree.....	11	4½	From the gardens South of the town near the river. Two small choppered villages with some cultivation, three wells; a nullah was found with a good supply of water about one mile on the S. W. of the village; a small stream runs through Aree Peer about a mile and a quarter to the West-ward and a good supply of water always to be found one mile further in the same direction in the bed of the river, the road is very good over a level plain.
* Taerae a middling village is passed at 4½ miles and Cuchee Bazar and Jungur, 3 large villages from 2 to 3 miles distant on the right; about 9 miles from Sehwan, forage was got by the grass cutters about Aree Peer, also Kurby to purchase.			
Warkee river near its junction } with Chorla river..... }	14	6	The Warkee river is small and joins the Chorla river about ½ mile on right, near which there is a pool of water at the foot of a rock which terminates Loond hill, and which lasts all the year. Warkee camp appears to be the usual halting place, and had more grass about it than where the Dragoons encamped, there are two roads which separate at the place where Dheeug river is crossed about 4 miles from Roree, one running on each side of Loond hill and meeting again 1 mile in front of Warkee; the road running to the right of Loond hill along the Chorla river is longer but reported better. The halting place by it is called Chorla Mukam near some ancient tombs where there were also fine pools of water in the river, the other road is more stony, as it crosses the Dheeug river 2 or 3 times.
* Forage was scarce, but furnished by the grass-cutters from the banks of the river.			
Camp at Mulleeree river.....	10	....	Some good pools of water stated to last all the year, forage scarce but procurable by grass cutters about the river and the hills on right, the ranges of hills on each side approach much closer, and at 4 miles the road enters the defile of the Joorung river, and continues along its bed and banks for about 3 miles, very rough and stony, and some rocky nullas afterwards are crossed before reaching camp.
Pokrum camp or Pokrum river...	12	3½	Extensive pieces of deep water and a small stream running, there is no village seen since leaving Roree though some of the shepherds of the country brought in some goats here, there is a good deal of thinly scattered jungle, amongst which the shepherd's huts are located. The road continues to ascend slightly until the 5th mile crossing 4 or 5 rocky nullas running into Mulleeree river, the road is then better with a slight descent and crosses some nullas running Southward into the Pokrum river. Forage more plentiful but procured in the same manner by the grass cutters about the river banks.
Kajoor camp on the Kajoor river..	9	4½	Good pools of water, this is the same river with the Pokrum but the forage not so plentiful, the road is pretty good in general, crossing the river at the 6th mile; at the 8th mile it is confined between the hills and the river for a short distance where it is rocky and crosses the river again to camp, roads run off here and about midway to Moobun Kote, a Fort of the Ameers beyond the hills on left.
Doobah camp on the Doobah river	8	2	Good pools of water on the same river, here called the Doobah, forage as above, the road is pretty good all the way, through thin jungle crossing 10 or 11 nullas some of which are stony.
Murraie Mukam on the Murraie } river..... }	9	3½	Water in the sandy bed of a broad river; Ahmedkhan's Tana, a large village with good supplies, is about 2 miles S. W. further up the river, it is the residence of the Soobedar of the district, two other small villages lie between it and the road called Mahomed khan and Jansir, but neither have any supplies, there are two roads here one running on each side of a low range of hills, that to the left is the usual route and the halting place at Meer khan Tanna, a village with 2 or 3 shops is also on the bank of the Churraie river, with water from pits in its sandy bed, the guides brought the detachment by the other road as having more water, and on account of its being nearer the large village of Ahmedkhan, the road pretty good.
Dumajee.....	9	6½	A small village of about 20 choppered huts and a few Banian supplies, water from two wells and a pool of rain water in the bed of the river, all of which were exhausted and found insufficient for the detachment and part of the camels were not watered. Forage more plentiful, but some distance on the plain to the front and rear of the stage by the road, the road pretty good.
Trak Mukam at Trak River 9 3½..	....	....	The Track river is crossed at 9½ miles, and water is found in its bed at all seasons, about 2 miles on left at the base of the hills through which it passes to the Southward, the distance is not increased by going to this point though so far off the beaten camel road, as paths go direct to and from it before reaching the river. Forage abundant and the road good through jungle, and some cultivation at the 4th mile.
Bhoot Camp,..... 2 7½..	12	3	A place at the Huttul-ke-bhoot hills, where a nulla contains a good supply of water from the late rains—with plenty of forage, country covered with thin jungle and grass, but Trak should be the halting place, making Kuttajee the next stage.
* The roads to Jerakh and Hydersbad cross here			
Kuttajee Mukam at Kuttajee ri- } ver..... }	12	3	The river about 6 furlongs on right, has good pools of water which never fail, especially at the base of the hills here where it passes through the range to the S. W. Forage as above, the road is in general good, excepting where it crosses some nullas and is a little confined between the river and some low hills on left at the 8th & 9th miles where it is stony, then good, through jungle bushes to Kuttajee.

STAGES.	Distances.		REMARKS.
	Miles.	Furlongs.	
Goorban camp at Goorban river..... 6 1 } * This long march was made from an expectation that from not having gone off the road to Trak, a distance of from 3 to 4 ms. had been saved which was not the case as it proved.	18	4	The confluence of the Goorban and Kuttajee rivers, both having small running streams and large pieces of standing water. Forage not so plentiful, the road at 2 miles from Kuttajee has a slight but stony ascent at the top of which at the Gohar Tulloo occurs, at present filled with rain water; at 3½ miles a rocky ghaut or defile commences and continues an easy descent passable for guns but being most of it bare rock is rough and crosses two stony nullas at the bottom; at 4 miles, some more rising ground is passed from the nulla, when the road is good again along the Kuttajee river to camp, crossing the river at the junction.
Dumba Camp.	10	2	Camp Dumba, is on the Dumba river which has good pools and a small stream of water running. Forage is procurable by the grass-cutters in considerable quantities about Dumba, but more plentifully a few miles before reaching it, the road is in general good and passes Peepulwarie river and Mukumat 6½ miles, which has water in some small wells at present dug in its bed, and a good deal of short grass and thin jungle.
Camp Kurrachee to the lines of the Grenadier Regiment by the high road.....	17	1½	This road is that generally travelled, and is longer than that by Dozan about one mile, but stated to be much better, the first 13 miles being over an extensive level plain in most part thin jungle, but a good well beaten track; at 9½ miles Rekee koee and two huts are passed on left, but the well is small, Amree nulla at present containing pools of water from the late rain is passed at 10 miles; at 13 miles the road runs through some rocky ridges and uneven hard ground, passing a pool of salt water at 13½ miles on left, and is then good to camp.
Kurrachee Town.	2	....
Total.....	146	1	

(Signed) NEIL CAMPBELL, Major.
Acting Qr. Mr. General of the Army.

No. 29 of 1841.

To,

THE QUARTER MASTER GENERAL OF THE ARMY.

Bombay.

SIR,

I have the honor to forward the accompanying direct route from Kurrachee to Larkhana, by the Western side of the Munchoor Lake, diverging from the road to Sehwan at Roree, 6 miles 8 furlongs on this side of Sehwan, and avoiding Murraiee by proceeding to the banks of the Barraeen river, enabling troops to make one march less on the road to Sehwan, with a certainty of procuring water, and making a difference on the whole route of 16 miles 3 furlongs and 144 yards, to those furnished by Lieutenants Margery and Pruett.

The route now forwarded has been compiled from the different progress reports furnished to this office by the troops which have lately proceeded to Upper Scinde, but more especially from Captain Leslie's, Commanding 1st Troop, Horse Artillery.

I have the honor to be &c.

(Signed) R. H. MACKINTOSH, Lieut.

Deputy Assistant Quarter Master General

Camp Kurrachee, 20th February 1841.

**ROUTE FROM KURRACHEE TO LARKHANA VIA ROREE BY THE
WESTERN SIDE OF THE MUNCHOOR LAKE.**

NAMES OF PLACES.	Distances.			REMARKS.
	Miles.	Furlongs.	Yards.	
Doozan.....	10	6	..	Four wells have been dug here by the Pioneers, water also procurable a mile and a half S. W. of the encamping ground, which if kept clean answers for horses and camels; forage for horses is procurable in small quantities, but only by grass cutters.
Bazar or Natatee-ke-Kote.....	11	6	114	Crossing Dum or Dumba river at 6 miles 5 furlongs 114 yds. and Peepree river at 4 m. 1 f. further on, the road requires to be cleared of bushes for a few hundred yards on leaving Doozan. The nulla at Doomba requires a little cutting away, but it was found as no obstacle for Guns by Captain Leslie's Troop when marching this road, Bazar or Natatee Ke-koote is an old ghurri with eight dilapidated old bastions, the direct road to it from Peepree river is by inclining to the right from the camel path, plenty of water is to be procured by digging in the sandy bed of the river, cavalry marching by this route should have half hogs-heads in proportion of one or two per Troop, for the horses to drink out of, as many will not drink out of the holes dug in the sand, nor ought more than 40 or 50 horses be taken to water at once, forage as above; great care should be taken here to avoid allowing the cattle eating the wild Oleander, which grows here, and in consequence of which Troops have lost many of their camels.
Kuddajee.....	12	3	..	A river of this name, at 5 m. 1 f. and 44 yards from the last stage past the conference of the Gorban and Kuddajee rivers, where water is procurable by digging in its bed, as also a small quantity of black Hay and a considerable quantity of the green roots of Grass is procurable by grass cutters. After leaving this the road ascends gradually through Goorban range of Hills. If this route should be much used in sending guns to Upper Scinde it would require the loose stones and mounds of earth to be cleared from the road, so as to save the carriages. There is plenty of water in the river. Forage is procurable by grass cutters, in the nullas running from the Hills on the opposite side of the river.
Truck.....	16	7	120	There is a rocky nulla with bushes and mounds of earth about a mile from Kuddajee, which requires opening and being made easier for Guns, with this exception the road is good although stony in some places, and heavy in others, this is a fatiguing march for gun horses and should be commenced early. At 12 m. 3 f. from Kuddajee, the road turns off to Truck at the Huttal-ke-both, should artillery be travelling this road with their guns it is advisable to leave their guns here with a guard to save taking them to Truck about 4 miles, having to bring them back next day's march, sending water from Truck to the guard left on the guns; plenty of black forage is procurable, and grass cutters should be made to collect it on the road about 2 miles before arriving at the encampment, as it abounds there. Water is indifferent and scanty from holes in the sand.
Dummej.....	10	1	150	The path from the encamping ground at Truck, lies along the bottom of a Hill about 4 miles to the northward of the encamping ground, it leads through open bushes and is even and good, this path meets the main road at the hill above mentioned; Dummej is a small village of about 20 mat huts, and one or two Banian Shops no supplies of any consequence to be procured, here are two wells which should they be emptied, will soon refill to about 5 feet.
Butchane.....	14	6	22	On the Barraeen river the road is good the whole way, it runs through a halting place called Meerkhan's Tandah, Troops intending to halt at Butchane should pass through the above Tandah, and avoid Murraiee which lies off to the left, (Murraiee is 10 miles 6 furlongs 22 yards from Dummej and where water is scarce) keeping along to Kujoor; forage at Butchane is scarce and should be brought from the last stage. The river has a running stream with excellent water.
Kujoor.....	14	4	198	The road leads during the whole march through a low jungle and is good and sufficiently open for guns, the last three miles is over loose round stones, but there is no impediment to artillery, the encampment ground is good, and is large enough for several Regiments, which is about half a mile after crossing the river. The river has plenty of water, forage of an indifferent kind may be dug in its bed by grass cutters, a small quantity is also to be found under the bushes on the hills to the N. W. of the river, very little else is procurable here. There are a few small villages within a coss or two of the encamping ground.

NAMES OF PLACES.	Distances.			REMARKS.
	Miles.	Furlongs.	Yards.	
Pokun.....	9	1	36	The road leads round the Western base of the Dooba hills with the river immediately on the left. When Captain Leslie marched this route, a party was sent on the previous day to repair part of the road about 2 miles from the river, over which the guns proceeded without any difficulty, the rest of the road is good, excepting the last quarter of a mile, which is through a Tamarisk jungle and is heavy, this road requires opening for heavy guns, the encamping ground is to the North of the river and sufficient for an army, plenty of water, forage to be procured at the hills.
Mulleeree.....	12	4	184	The road is good for 4 miles, it then crosses the stony bed of a mountain torrent for $\frac{1}{4}$ of a mile, after which it is excellent, with exception of one or two stony nullas, till within 3 miles of Mulleeree, the whole of these 3 miles are rough and stony, the greater part through the beds of torrents. Captain Leslie's remarks on this day's march were, "there is no actual difficulty for artillery on this day's march, but to save the carriages, it would be advisable to send a party on the previous day to clear the road of stones." There is plenty of forage on the hills at this place, water from the river, encamping ground confined.
Choreela.....	11	..	..	The first mile of this march is bad and stony, and requires a party to be sent in advance to clear it, it is then tolerably good for about 3 miles, when it runs along the bed of a torrent, which leads to the pass between the hills of which Captain Leslie reported, that with the exception of a few large stones which crossed the bed of the torrent occasionally that in all other respects the road is quite practicable for Field Artillery, as well as for siege guns, except that it is heavy. The hills on each side of the pass approach about 200 yards of one another, after clearing the pass there are two or three deep nullas, that might impede heavy guns for a short time. Forage and water as at Mulleeree.
Roree.....	13	..	..	Road very stony for six miles, should Artillery be marching, a party if possible should be sent in advance to clear the road a little, so as to save the carriages, the remainder of the road level and good, there are here two wells and 3 or 4 more within a circle of $\frac{1}{4}$ of a mile, but they are all shallow and collectively insufficient for a Troop of Cavalry. The 1st Troop Horse Artillery watered at an aqueduct about a mile and quarter to the Westward of Roree, this aqueduct comes from a spring in the neighbouring hills, and seemed sufficient for any number of horses. Forage procurable by grass cutters about two miles to the East of Roree, Sehwan lies about $6\frac{1}{2}$ miles to the North East.
Tremree.....	10	2	..	The road is jungly at first but level and good the whole way, water plentiful at present from a nulla or cut from the Arul, distant about $1\frac{1}{2}$ miles, encamping ground extensive and good beyond the village, kurby plentiful, and supplies of flour for several hundred men, firewood rather scarce.
Chinnee.....	13	7	..	Road over a level plain with occasional narrow water courses, the latter part over the dry bed of the Munchoor Lake, the country about this and the last halting place is well cultivated with wheat, jowaree, &c. and is capable after inundation of producing very fine crops, with but very little trouble; Chinnee is a large well populated village, and has supplies for several Regiments, Cavalry however should not trust to it for grain for their horses, kurby at this and the last two stages sold by a string, 4 cubits long, 4 rounds for 1 Rupee; water at this time of the year from holes in a cut seemingly coming from the Aral, but it is scarce and difficult to get at, Cavalry should at this season travel only wings by this road, encamping ground for an army, firewood scarce.
Johee.....	12	6	..	Road excellent over a plain the whole way, there are two deep water courses on this day's march which might prove troublesome to guns when full, they are now dry, December 1840, and cause no delay beyond the time occupied in breaking down the banks, there is a good brick well close to the village, with mud troughs for cattle to drink out of, at this season the water is scanty, and insufficient for more than 3 or 4 hundred horses, there are other wells at some distance from the village, the cut from the Nara river was dry, plenty of kurby, and supplies of all sorts for several Regiments, some gram and other grain for Cavalry procurable here.
Drigg.....	8	7	..	With exception of 2 or 3 water courses, within 2 miles of Johee, this road is excellent throughout, the water courses are dry at this season, and would be difficult to pass without bridges when full, they are generally about 10 feet wide, this village is rather small, and kurby is rather scarce, forage however is procurable by grass cutters, supplies for several hundred natives; encamping ground extensive: water from a cut from the Nara and at present, December, plentiful.
Kakkur.....	14	..	..	The road is good for Artillery for the first 6 miles, with the exception of one or two water courses, it then passes through a close jungle which requires clearing for about $\frac{1}{2}$ mile, it is then open again for 4 miles, when it takes a sweep to the N. W. by the village of Tussee, and is tolerably good till within $1\frac{1}{2}$ miles of Kakkur. It is then again close jungle which requires clearing for Artillery. The river Nara is crossed at Kakkur, and at this time December, has but a very small stream in it, the banks are steep and require cutting down, or the carriages to be lowered by hand; the direct road from Pooljee to Kakkur, cannot be travelled by guns in its present state, from the closeness of the jungle for about 2 miles before reaching Kakkur. This is a large village and has plenty of supplies for several Regiments, excepting grain for Cavalry, encamping ground extensive about $\frac{1}{2}$ a mile beyond the river, but rather jungly.

NAMES OF PLACES.	Distances.			REMARKS.
	Miles.	Furlongs.	Yards.	
Rawut khan Luggaree.....	13	4	..	The road leads by Cawnpoor and other small villages to Khypoor, and is pretty good for the first 3 miles, the rest is jungly and bad, after passing Khypoor the direction inclines to the left, towards the village of Tuttekhaw, and passes over ploughed fields and cultivation, till it crosses the river at a bund that is made here annually, for the purpose of irrigation, the bund can be crossed by Light Artillery, but would require a little strengthening for heavy guns, it is probable there is a better and more direct road, from Khypoor to Tuttekhaw. After crossing the bund the road is exceedingly difficult and bad for Artillery, passing along the right bank of the river, and across deep water courses the whole way to the encamping ground, which if not under cultivation, is clear and good, and sufficient for two or three Brigades; at some seasons of the year, when the river is nearly dry, the road from Khypoor to Rawut Khan is more direct, leaving Futter Khan to the left, but it is rather worse than the other and the banks of the river are steep and would detain artillery for an hour, so upon the whole this march is fatiguing and difficult, and artillery should encamp at Khypoor, leaving the distance from that place to Meyhur, for the next day's journey, commencing the march by day-light. The country about here is highly cultivated just now December 1840, and probably more difficult for artillery to travel on that account, the river has several feet of water in it here, owing to the bund; supplies of all sorts procurable, and plenty of Kurby for cavalry, but no grain.
Meyhur.....	7	4	..	This road leads through open Tamarisk jungle, and is good the whole way, with exception of some narrow water courses, would cause occasional stoppages to guns; Meyhur is a good sized village, and the road leads through it there would not be room for heavy guns to pass through, and a road should be prepared outside; water from wells, and difficult from the want of troughs, supplies in abundance, excepting grain for Cavalry, encamping ground extensive at this season.
Badra.....	15	4	..	The direct route is by Mahomed Shah Chandra, a village about half way between Meyhur and Badra, the road is good and easy for guns, with exception of two or three dry water courses, Badra is a small village with supplies for a Regiment or two, Kurby rather scarce, water from wells which at this time of the year are much used for irrigation, and horses can drink at the water courses, encamping ground confined; owing to cultivation and the surrounding jungle.
Gurilla.....	8	2	..	This road is good and easy for guns the whole way, there is one nulla half way, but though rather deep the ascent and descent are not difficult, the latter part of the march is rather jungly, and would require more clearing for heavy guns, encamping ground about $\frac{1}{2}$ a mile beyond the village, and good and extensive, when not under cultivation; water from wells as yesterday.
Larkhana.....	11	6	..	Road good the whole way, with the exception of one nulla about 4 miles from Gurilla, water at wells and difficult to get at, at this time of the year, Artillery should not pass through the town, encamping ground extensive.
Total.....	253	3	164	

(Signed) R. H. MACKINTOSH, Lieut.
Deputy Assistant Qr. Mr. General,

ROUTE FROM SONMEEANEE TO KURRACHEE,
in November 1841.

NAMES OF PLACES.	Distance.		REMARKS.
	Miles.	Furlongs.	
Sonmeeanee to Dooda.....	13	6	<p>Sonmeeanee is a small town at the head of an extensive but shallow bay, and is the only seaport of the province of "Lus".</p> <p>At 2 miles 2 furlongs cross a shallow sandy river bed called "Indra", the road thus far over sandy and undulating ground with a few Lana bushes; from thence to "Dooda", the road is over a level sandy plain, generally hard and excellent, with thin jungle, principally of Milk bush, Caper, Kegivra, and a plant like broom much eaten by camels, called "Phoke" in "Marwar" and "Lana".</p> <p>At "Dooda" the sea is about 3 miles to the right, and a range of sand cliffs about 400 yards to the left. At 6 miles 5 furlongs, there are 3 small wells about 400 yards to the right called "Oka", the spot marked by two Mangoe trees, these wells are about 10 feet from the surface, water sweet. At 12-5 there are three wells to the left of the road similar to the former, but slightly brackish called "Baidee". There were three wells similar to those at "Dooda", and the Pioneers dug five more and made troughs; as many more might be dug as required, the soil being light and water found about 9 feet from the surface.</p>
Beedoke.....	6	2	<p>Road similar to the latter part of the last march, there were 2 wells between the road and the sea, (which is here about half a mile to the right,) the Pioneers made 5 more; water and soil as before. At 1-1½, there are two wells 300 yards to the left up a ravine called "Chubajee", about 3 feet in diameter and 40 deep, sunk through rock, one of these has been disused, the other has abundance of excellent water. At 2 6½, a small well of brackish water close to the right and near the surface, called "Karree". At 4-4½, a well of good water 30 feet deep 2 furlongs up a ravine to the left called "Booreeda;" the sand cliffs which have kept close to the left of the road hitherto, run into the sea about half a mile further on.</p>
Hubb river.....	14	7	<p>The road leads immediately up the "Beedoke" ravine, through the cliffs and winds about to the summit, about 250 feet above the sea, this road which was narrow and dangerous in some parts has been much improved by the Pioneers, and is now quite practicable for ordnance, it continues for some distance over the undulating sandy table land gradually becoming harder and more level until 2-7½. when it crosses a deep ravine called "Bagul", the right bank of which is rocky and difficult, the left sandy and easy of ascent. At 9 miles cross the sandy bed of the Bhowanee river with easy banks, and between the Bagul and Bhowanee, cross five deep sandy ravines, all bearing the name of "Gutlurga", the descents and ascents of all are easy; these ravines and all the other streams on this road flow from the Pabb mountains, which are a few miles to the left, and cut through the sandy soil and through the cliffs to the sea; there is a well in the bed of the Bhowanee 55 feet deep, water brackish. At 9-7, several tombs very finely carved to the left, and a small tank of rain water to the right. At 10-5, the plain begins to be stony and the Pabb mountains to close in on either side, the valley gradually narrows until at 11-5½, they nearly touch, leaving an easy road between them, this place is called the "Gundoba Lukh," the stones then cease, and the road is over a hard clayey plain sprinkled with milk bush, the province of Scinde commences at this Lukh. At 14-5½, cross a nulla with dry banks, and at 14-7, encamp close to a large pukka well, worked by a Persian wheel, on the right bank of the Hubb river, which has here a broad sandy and pebbly bed of 400 yards, fine stream of water, and low easy banks, grass scarce, Tamarisk abundant in and near the river.</p>
Lines of H. M. 41st Regiment } camp Kurrachee..... }	15	2	<p>Cross the Hubb river and pass through a thin jungle for a about a mile. At 1-1, cross a muddy nulla, and from this pass over a bare hard plain to a low rocky ridge, called the Morchuk Lukh which is crossed at 2-7. At 4-7, cross another similar ridge neither of them presenting any difficulty, and the intervening ground hard and level. At 5-5, and 10-6, pass the Puttoo and Patolee tanks both dry, the road is now near the sea, over a hard barren flat. At 12 6, cross a shallow inlet of the sea, at 13-4, cross the broad dry sandy bed of the Kurrachee river, the town being on its left bank. At 14-2, a garden called the "Rambaug" and at 15-2, the Hospital of H. M. 41st Regiment in the centre of Camp.</p>
Total miles.....	50	1	

This route which must always have been an easy one for camels, has now been made quite practicable for carts and guns, and were a large well sunk at Booreeda or Chubajee, there could be no difficulty of any kind experienced on it.

(Signed) J. HOLLAND, Major.

Deputy Quarter Master General.

Kurrachee, 24th November 1841.

ROUTE FROM CAMP NEAR VIKKUR TO TATTAH,

viâ the junction of the Hujamree, Bheeman, Tejun and the main river.

VILLAGES AND STAGES.	Distances.		REMARKS.
	Miles.	Furlongs.	
Camp, Head Quarters flag.....	..	..	Along the banks of the river.
Cross the Chagooloo.....	2	2	Opposite the village of Chota Mumbda, two furlongs from the Sungum river 220 yards broad.
Turrotee.....	1	6½	The 3 villages of Turrotee stretch across from East to West between the two rivers which are only about 4 furlongs apart here, much cultivated and open ground.
Buggahn-jo-Gote.....	1	1	20 or 30 huts 2 Banian's shops on the bank of the river; keeping along the bank of the Chagooloo, it is much opener and a better road than the road by the Hujamree, which is confined and intersected by ditches and bushes on the right of Turrotee.
Teerakoo or Chagooloo.....	1	4	7 or 8 huts, 1 shop, good encamping ground.
Gote..... 6 6½..	..	..	Road good over a very extensive plain along the river, crossing a few ditches.
Heerasir Gote.....	1	5	200 yards on left on the bank of the river; road over an open plain, and 2 or 3 wet ditches.
Syud Mahomed peir.....	1	4½	2 huts on the bank of the river.
Peram-ka-Gote.....	6	3	1 Hut and some sugar cane cultivation on the bank of the river, the first 3 miles of this distance winds very much among high bush jungle which would require to be cleared.
Purtee Kethee.....	1	3½	7 or 8 Huts, 1 Shop; the river's name changes here to Oochootor it is close on the left, good encamping ground along the river; road and country level and open the last 4½ miles.
Salsoora Gote.....	..	6	One furlong on left the river is crossed here from Purtee, 77 yards broad, and 2 feet deep.
Moosa Soorajee Gote.....	1	4	Small village 100 yards on right.
Umeer Lukka Gote.....	..	5	River 30 yards on right, a few huts on left.
Syud Reekut-ka-Gote.....	2	6	This is a large village on the opposite bank of river, whence an extensive cultivation is carried on on this side, all along for about 3 miles with several small collections of huts, called Syud Kukeepoora.
Soorun-ka-Gote 1½ furlong on left..	1	1	Road good.
Goonganee-ka-Gote 8 2..	1	4	30 Houses, 2 Shops, encamping ground along the rear of this village. Lakka and Bheeman.
Bheeman.....	..	4½	40 Houses, 10 shops, Goonganee appears to be the landing place, both from Hyderabad and Vikkur; road along a fine broad hard beach.
Noor Mahomed kapoora.....	4	3	A few huts, river 1 Furlong on right.
Noor Mahomed Gahae.....	2	2½	15 to 20 huts, and 2 shops on the bank of the river, good encamping ground towards Warrungee.
Warrungee Gote.....	1	..	12 to 15 huts, open plain, some cultivation, river near.
Syud Yar Mahomed.....	1	2	A Faqeer's village and some cultivation.
Vida Gote.....	..	7	A large scattered village, much cultivated ground, the road winding; confined by bushes and intersected by ditches along the bank of the river.
Kaytee.....	1	3	A large scattered village on the bank of the river, much cultivation.
Moongaerie.....	1	..	A large village on the bank of the river, which flows close in here.
Moorow.....	..	4	A large village, some large ditches crossed on both sides of the village.
Ahmed Khans Lugdaree.....	1	4	12 Huts, 2 shops, river ½ coss on right.
Tejun.....	2	..	25 Huts, 2 shops, 4 wells in a dry nulla, small supply. The Sitta about 2 miles to the landing place.
Suderanee.....	1	4½	30 Houses, 2 shops, wells, water scarce, road good.
Jumael Shaw Gote and Peir .....	..	6½	A Faqeer's village road good.

NAMES OF PLACES.	Distance.		REMARKS.
	Miles.	Furlongs.	
Tundra .....	..	4½	20 Huts, 30 shops, Sitta river 2 miles due East.
Rannia .....	..	7	Water scarce at the village.
Buggaur river .....	..	2	Rannia a small village on left, country very bushy here and many ditches on the road which is deep, sandy and uneven in parts.
Buggaur river .....	..	..	Water in extensive pools, dry in parts, north bank steep.
North bank .....	..	..	North bank steep, good encamping ground on this bank.
Bejora	2	..	100 Houses, 6 or 7 shops, the main river or Sitta about 2 furlongs on right, road good and more open.
Raja-ka-Gote	3	3½	Two huts and some cultivation on each side of the road, cross 2 or 3 ditches, the road sandy, deep and uneven in some parts.
Tatta city	1	3	To an old ruined Musjeed on the East side of the city cross several ditches; road as above; the country is more confined with jungly uneven ground, and more ditches on this side of the city than any other, with enclosed ground and patches of cultivation here and there.
Total	53	4½	

NOTE.—From Bheeman to Mooron 13, or to Tundra 19 miles as above, there is a direct and better road across the country, but there is also much jungle on it.

The above route from a little beyond Warrungee Gote to the Buggaur river, is much confined in many places by high bushes and ditches, many of them 4 feet deep and lined with high bushes, crossing and running at angles with the road in all directions.



A B S T R A C T O F T H E R O U T E F R O M C A M P J O O N
O P P O S I T E V I K K U R T O T A T T A H .

Via Garrah on the Meeknee and Khurrempoor on the Buggaur Rivers, commenced 3rd December 1838.

Tattah, 8th December 1838.

To whom belonging.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
	Head Quarters flag in camp near } Baumnicote } Chagooloo }	4	....	At Joon on the Hujamree 2 coss S. W. of Vikkur. A small village of about 5 or 6 huts 1 shop and a few supplies of rice, ghee &c ; about 4 furlongs on left of Chagooloo river, the fields between rice ground; the road is along the river to the Gahan river, which we crossed by boat, 40 yards wide and 7 feet deep at low water; from this keeping the Chagooloo river 400 yards to the right, the water courses in some degree and rough cultivation is avoided; with the exception of 5 or 6 which require some work for guns, on account of the abruptness of their banks which are hard clay, keeping to the left of Syden-jo-Gote and Chagooloo a little, avoids the rough cultivation ground.
Meer Nasur.	Garrah chotta on the Meeknee } river, 3 feet deep at low water } and about 50 yards broad }	8	7	20 Huts, 3 shops, few supplies, after the 1st furlong over a fine plain, the beaten foot path commences at 2½ miles, the bushes become closer, a dry ditch and some rough ground from the sunken footpaths; a little clearing of the bushes required here, ground for encampment just before reaching Garrah.
Do.	Jelalkote	1	2	30 Huts, 1 shop, Meeknee river about 4 furlongs on left, in front of this village 2 furlongs, good ground for encampment, rather distant from the river; the descent from Garrah to the river would require some labor for guns on account of the crossing of the paths.
Do.	Saumroo ¼ of a mile on right of } Oorodanee	7	7	35 Huts, 3 shops, few supplies, water in an extensive nulla, encampment between the nulla and a fine bamboo tope in front of village; road very good until the last mile, which is over a sandy plain with clumps of grass roots and two dry water courses requiring labor for guns.
Meer Rusar.	Morodanee.....	3	7	35 Huts, 4 shops 3 small wells in the bed of a dry nulla on left the village, the road over the first 2 furlongs the same sandy cloddy waste, and a water course on the left of the tope, the road is then good to Morodanee, which is closely surrounded by bushes.
Do.	Soora gote.....	3	1½	2 Huts and some others deserted, one brackish well of little water, road rough from Moradance sandy clumps and roots of bushes, with some deep paths crossing, two deep water courses, one four feet deep and 7 or 8 broad.
Do.	Chandia-ru-gote	5	5½	4 or 5 Huts, and others deserted, road good after leaving Soora, 2 or 3 water courses requiring a little work for guns.
Meer Kurmullee.	Khurrempoor on the Buggaur } river..... } * This would make 15½ miles from } Shaumroo nulla to the Buggam } without sufficient water for a force } only.	4	7	60 Houses, 10 shops, few supplies, sheep and larger cattle can be procured, but in moderate quantities; the road is pretty good excepting two water courses within 1½ mile from Chandia requiring a little labor, the bushes are close for a short distance; * at 2½ miles arrive on the banks of the river, from this to Khurrempoor many water courses occur several of which require labor for guns, the road being used by laden camels and cattle only.
Golamshaw.	Golamshaw-ku-gote on the Bug- } gaur river .....	..	7	This is a much larger village 100 houses, many shops, the river is about 150 yards of water, and 3½ feet deep, by crossing the river where it is first met with a good clear beach or plain to Golamshaw-ku-gote would be better for a force with good <i>encampment</i> , before reaching this a bund road is built across it at that point.
Meer Noor Mahomed.	Tatta City to the S. W. corner of } the City..... }	11	4	A large place, but at present very few supplies, some water courses 3 or 4 in the 1st 2½ miles from thence to within 3 miles of Tatta, over a range of very stony ground without much ascent or descent but what is very gradual. A fine plain before reaching it.
Total miles..		47	..	

**DETAIL OF THE ROUTE FROM CAMP JOON ON THE
HUJAMREE, OPPOSITE VIKKUR TO TATTA.**

Via Garrah on the Meeknee, and Khureempoor on the Buggaur rivers, commencing 3rd December 1838.

Camp Tatta, 8th December 1838.

OBJECTS.	Bearings.	Distances.			REMARKS.
		Miles.	Furlongs.	Yards.	
HEAD QUARTERS FLAG.					
Dry ditch.....	N. 18 W. ..	2	110		Small, but abrupt and hard.
	N. 3 W. ..	3	110		Puttar bearing N. 55 W. Samga. N. 30 W. and Nuttai North.
Begooja 75 yards from the river in advance of the Gawhan ri- ver.....	N. 43 E. .. N. 37 E. .. N. 48 E. ..	1 2 3	100 2 3		Gorabaree bearing S. 73 E. and Brama gote S. 77 E. 40 Yards broad and 7 feet deep at low water, opening into the Hajamree river 150 yards to the right.
Dry ditch.....	N. 59 E. ..	2	110		Small.
Wet nulla 4 yards broad.....		1	110		Requiring labor for guns.
Mamooda.....		1			After crossing the river in moving to the left, the ditches in some degree and the rough cultivated ground are avoided en- tirely; about 400 yards from the river on right near the river, like a garden at a distance.
Wet ditch 2 yards broad.....	N. 20 E. .. N. 57 W. ..	.. ..	110 206		Requires labor for guns. This turn to the left was made to avoid some rough cultivation ground one furlong on the left.
Mumbda.....	N. 50 E. ..	2			
Dry ditch small.....		2			The junction of the Chagooloo with the Hajamree bearing S. 25 E. Syden-ja-gote bearing N. E. 50.
Syden gote.....		8	110		5 Huts, 1 shop, keeping a little to the left avoids a rice field which is rough. Garrah-gote bearing N. 5 E.
Dry ditch small.....	N. 52 E. ..	2	100		A little labor required.
Chagooloo..... 4-0-0		3	110		4 Huts, 1 shop, about 4 furlongs from the river the ground between rice cultivation, keeping a little to the left avoids rough ground.
<i>4th December 1838.</i>					
Dry nulla.....	N. 36 E. ..	..	110		And some broken ground from the village avoid to the left.
Cultivation on both sides.....		..	110		
On left cultivation, on right bushes.	N. 53 E. ..	2	100		Beaten foot path over a smooth plain, trees in the distance on each side.
Do. Do.....	N. 60 E. ..	3			
Bushes thin.....	N. 30 E. ..	2			Level plain continues, river about 5 furlongs.
Do. Do.....	N. 5 E. ..	2	100		..... Ditto.
Do. Do.....	N. 30 E. ..	5			..... Ditto.
Dry nulla.....	N. 28 E. ..	..	110		Bushes on each side not close, and a few trees and ridges of bushes.
Some cultivation.....		1	200		
Dry ditch.....	N. 10 E. ..	..	200		Requires levelling for guns.
Cultivation.....	N. 15 E. ..	1			With trees and bushes thinly scattered.
Bushes on each side.....	N. 47 E. ..	2	110		Level ground continues, and road good.
Do. dry ditch.....	N. 45 E. ..	1	100		..... Ditto Ditto Ditto.
Dry ditch 4 yards wide.....	N. 50 E. ..	..	200		A little levelling for guns.
Chotta Garrah on the Meeknee } river. }	N. 58 E. ..	4			16 Houses, 2 shops, Burrh Garrah 1 furlong on left, <i>encamping ground</i> before reaching C. Garrah, crossing a small water course and broken footpath close to Garrah.
From Chagooloo 7 miles 7 furlongs River Meeknee.....	N. 73 E. ..	..	200		The descent to the river requires levelling on account of deep footpath, crossing for guns; the river is about 3 feet deep at low water, this is about 3 furlongs from its junction with the Chagooloo.
High water breadth.....		..	100		
Bushes high along the banks } and cultivation..... }	N. 10 E. ..	4	110		

OBJECTS.	Bearings.	Distances.			REMARKS.
		Miles.	Furlongs.	Yards.	
Jeralkaet on left, from Garrah } 1 mile 2 furlongs.....}	N.	..	3	100	8 Houses, 1 shop, cultivation from the river to beyond this, the Meeknee river about 3 or 4 furlongs on left, good <i>ground</i> for a <i>camp</i> in front of this village. Burra Garrah is seen on the opposite bank, the country has a fine appearance, along this river to the left and front in open plains with ridges of high bushes and numerous herds of camels and cattle as far as the eye can reach.
Level plain commences.....	N. 20 E.	..	2	..	Very smooth and firm without vegetation.
Hard salt sandy clay.....	N. 27 E.	..	4	..	The country has a fine appearance still on the left.
Do. Do.....	N. 32 E.	..	5	110	
Bahdur Pier on right.....	N. 30 E.	..	7	100	A ridge of bushes which runs along a salt nulla of water on left.
	N. 35 E.	..	5	..	
Level plain continues.....	N. 25 E.	..	4	110	Bushes on right 100 yards.
Do. Do.....	N. 28 E.	..	4	110	Bushes few on each side.
Level plain terminates.....	N. E. 5.	..	3	..	And turns through some high bushes into a sandy plain.
High bushes.....	N. 20 E.	..	1	200	
Sandy bushy plain.....	N. 40 E.	..	2	110	Road uneven, bushy hillocks.
Do. footpaths deep.....	N. 34 E.	..	7	1100	..... Do. Do.
Dry ditch.....	N. 25 E.	..	1	110	Small but requires levelling for guns.
Do.....	N. 50 E.	..	2	..	Larger but requires some large trees.
Ground rising.....	N. 66 E.	..	1	110	
Nulla cross.....	N. 69 E.	..	2	110	Requiring a little levelling for guns. On right 200 yards Oodurane is on rising ground. 4 furlongs on left, Shaumroo, has 30 houses, 2 shops, and an extensive standing nulla, with some small wells in the dry nulla. <i>Encampment</i> , a field running N. E. between the nulla and a fine tope of Baubool trees in front of the village, there is a Pier in the tope seen at a distance; before reaching the village, the road for 2 furlongs is among sandy, cloddy broken, ground or small hillocks with deep tracks between.
Shaumroo-gote, from Jeralkaet } 7 miles 7 furlongs.....}	N. 46	..	2	..	
Nulla.....	N. 55 E.	..	2	100	The broken ground terminates at the nulla, which requires a little labor, the road runs past the end of the tope. Musjeed and Durgaha right.
	.....	..	2	..	
Trees and huts to the right.....	N. 60 E.	..	2	110	Over a fine plain with bushes.
Dry well.....	N. 54 E.	..	3	..	Busby plain but open.
Level sandy plain.....	N. 55 E.	..	2	110	.... Ditto.... Ditto.
Do. Do.....	N. 38 E.	..	4	110	.... Ditto.... few and low.
Do. Do.....	N. 50 E.	..	2	200	.... Ditto.... Ditto.
Lalchutta gote on right.....	N. 35 E.	..	2	110	4 Houses, in water, a pier on right
Mooradancee.....	N. 48 E.	1	..	..	Road good over an open plain, bushes thin, 35 houses, 4 shops, 3 small wells dug in the bed of a dry nulla on left of the village, which is surrounded closely with bushes, and extensive river cultivation to the right beyond the bushes about 2 furlongs.
From Shaumroo 7 miles 7 furlongs	N. 47 E.	..	..	200	
Dry ditch.....	N. 55 E.	..	1	..	
Do.....	.....	..	1	200	These ditches require levelling for guns, the road from Mooradancee is confined by bushes, the foot paths deep and uneven for carriages. Road more open from bushes and uneven.

OBJECTS.	Bearings.	Distances.			REMARKS.
		Miles.	Furlongs.	Yards.	
Dry ditch.....	N. 53 E.	..	5	..	Small but requires levelling ditto ditto.
	N. 30 E.	..	2	100	
	.....	..	1	110	Bushes close in on the footpath.
Dry ditch.....	N. 32 E.	..	5	110	Requires levelling for guns.
Do.....	N. 50 E.	..	5	110	..... Do. Do.
	N. 25 E.	..	2	..	Open level ground.
Soor-ka-gote.....	N. 35 E.	..	2	..	2 Houses and others deserted, a baubool tope with a well of brackish water; the road runs by a deep hole on left, liable to cause accidents with cattle as it is obscured by bushes.
From Mooradane 3 miles 1½ } Furlongs..... }					
	N. 10 E.	..	3	200	Bushes for a short distance, close over the road from the village required clearing.
Open plain.....	N. 18 E.	..	2	..	Trees 100 yards on right covered with low tufted hillocks of brownish grassy weed of the lye.
An extensive plain.....	N. 31 E.	..	5	190	....Do. large tree in the range on right.
Bushes on right.....	N. 21 E.	..	2	100	
Do.....	N. 24 E.	..	1	..	
Dry ditch.....	N. 20 E.	..	1	110	Small.
Dalee on Rt. 40 feet 40 yards ..	.....	..	1	..	A small village, no water, 6 or 7 huts.
Level plain continues.....	N. 17 E.	..	5	110	Trees and bushes approach the road on right.
Level plain continues.....	N. 24 E.	..	3	200	Peer Putta bearing N. 65 E.
	N. 38 E.	..	4	40	Trees and bushes on right.
	N. 35 E.	..	1	200	Peer Putta N. 68 E. Jawlka a large village bearing N. 60 E. 2 miles on right.
Enter open bushy plain.....	N. 42 E.	..	2	56	Cross a small nulla.
	N.	..	2	..	
Dry ditch large.....	N. 25 E.	..	3	100	Requires levelling for guns.
Do.	N. 10 E.	..	2	..	....Do. Do. bushes on both sides.
Do.	N. 15 E.	..	2	110	....Do. Do.
Chandia-ka-gote.....	N. 14 E.	..	2	..	5 Huts, and others deserted, no water near, brown tufted grassy lye.
From Soor-ka-gote 5 miles 5¼ } furlongs, .. }					
Open plain....	N. 10 W.	..	2	200	
Enter a bushy plain.....	N. 55 E.	..	1	..	Or jungle, many foot paths, liable to miss the way.
Do.	N. 30	..	1	..	.....Do. Do.
Do.	N. 20 W.	..	3	45	Jungle This was a detour to the right, on account of the guide mistaking the way.
Dry ditch.....	N. 44 E.	..	1	..	A little levelling for guns.
	N. 70 E.	..	1	200	High bushes all round, requires clearing away for a short distance.
Dry ditch.....	N. 55 E.	..	1	65	Broken rough.
Do.	N. 65 E.	..	2	..	Broken, requiring levelling for guns.
Chandia deserted.....	N. 49 E.	..	2	..	It is a slightly rising ground, inhabited in the rains, ground open all round.
Dry ditch.....	N. 35 E.	..	2	..	Broken, confined by bushes, much jungle,
Do.	N. 27 E.	..	2	90	Small but requires levelling for guns.
High bushes.....	N. 35 E.	..	1	110	But open.
Open ground.....	N. 70 E.	..	1	200	Hills appear in the distance N.

OBJECTS.	Bearings.	Distances.			REMARKS.
		Miles.	Furlongs.	Yards.	
Cross a cultivated field and arrived on the bank of the Buggaur river	N. 30 E.	..	2	170	Which appears to have been on the left for some distance, not seen on account of the high bushes, there is a dam across it here, but it is a large body of water; The opposite bank as far as the eye can reach is low bushes. This would be the best place to cross the river for a force going to Tattah, as this side of the river there is a continuation of water courses from the wells to the enclosed cultivation, which extends a great way inland. The road is used by laden camels but would require widening in several places for guns.
	N. 55 E.	..	2	110	Cultivation, enclosures commence, Peer Putta bearing S. 60 E.
Water wheels.....	N. 52 E.	..	3	110	Requires levelling for guns over the ditches, there are small bridges.
Pooroo Gote and Wheels.....	N. 45 E.	..	2	110	Requires levelling a few houses and enclosures.
Khurreempoor on right.....	N. 48 E.	..	2	..	A large village 10 shops, some supplies, many trees at and beyond the village, a level plain beyond it appears favorable for a camp, but would require clearing of low bushes, with which it is covered.
	N. 60 W.	..	..	170	This is a turn round an enclosed field to the river along the bank to the fording place, cross a ditch 8 feet deep, sandy bottom, the left bank is steep and would require sloping down some more.
Cultivation.....	N. 10 E.	..	2	78	
Cross Buggaur river.....	N. 48 W.	..	..	150	
Golamshaw-ka-gote from Chandra 5 miles 6 furlongs.....	N. 30 E.	..	3	..	To the N. E. end of the village which is much larger than Khurreempoor, about 100 houses and 12 shops, the village lies close along the river, and the road after ascending the bank runs through the village, encampment to the left opposite Khurreempoor or beyond it, to the East both would require clearing of bushes; crossing the Buggaur where it first met and encamping 4 furlongs before reaching the village appears to be the most advantageous. The shops for grain were closed excepting four, by an order of the Sircars, and grain was dear when we were there.
Cultivation.....	N. 32 E.	..	1	110	A loose sandy plain on left as far as the eye can reach covered with low bushes.
Dry ditch.....	N. 5 E.	..	11	110	Requires levelling for guns.
Bushes on each side.....	N. 20 E.	..	7	110	A large Durgah on the hill bearing S. 40 E. and all round broken, deep foot paths.
Bushes close in on the right.....	N. 15 E.	..	1	110	
Bushes on left.....	N. 10 W.	..	3	..	Stony on right.
Short stony ascent.....	N. 32 E.	..	1	..	Short and easy, white flinty stones, which are bad for cattle to pass, the plain is better after the ascent.
Stony and Sandy ground.....	.....	..	2	..	Milk bushes begin and thorny baubool bushes, but not close.
Stony and sandy ground.....	N. 25 E.	..	5	..	Milk bushes and trees here and there, a range of hills which commences in front of Peer Puttah, close in on right to 2 furlongs, on left a low range runs away in a slanting direction about 200 yards from the road, this range of hills runs on and is composed of the same white flinty stones. The road is covered with these white flinty stones, which many of them are sharp and cornered from the size of a marble to a man's closed hand and more, the ground on either side is alike covered to the top of the height with clear places, in parts stone, to beyond Tattah, they are not high and the ascent on this road is very gradual.
Dry ditch or nulla.....	N. 35 E.	..	2	110	Requiring a little labor for guns.
Dry ditch or nulla.....	N. 40 E.	..	2	110	Requiring a little labor for guns small stones and sand,
	N. 30 E.	..	2	110	Stony ground and scattered bushes.

OBJECTS.	Bearings.	Distance.			REMARKS.
		Miles.	Furlongs.	Yards.	
Hills on right near the road.....	N. 35 E.	..	1	..	Stony ground, summit of left hills.
Rocky road.....	N. 38 E.	....	4½	....	A rough turn near the summit of right range and stony road, bad for about 200 yards. Milk and Baubool bushes along the side of the heights; the highest point was ascended here, from whence the country, as far and beyond Tattah appears; this range running on it, various elevations beyond it; a fine pool of water at the bottom on the other side is accessible through the valley between the two highest points from this, it is about 5 furlongs from the road.
	N. 50 E.	....	2	....
Begin to descend a little.....	N. 30 E.	1	1	110	
Bushes on each side.....	N. 15 E.	....	3	100	
Do. not close.....	N. 25 E.	....	5	....	Very stony road, pretty level.
Ruins of an ancient City.....			2	56	Very stony winding, broken and confined by Milk bush, requiring labor for guns.
S. Wall of Kullaw Kote.....	N. 20 E.	....	3	110	Ruins, ascent slight but rough with broken brick.
N. E. Gateway of Kote.....	N. 31 E.	....	2	110	Extensive ruins, the fort appears to have been built along the brow of this range at the descent into the plain, the descent from this gateway requires considerable widening for guns, as it is now merely passable for laden cattle. Road runs along the ruins, from the N. W. corner to the S. W. a level plain between the fort and the hills which slant away to the Westward from the S. W. corner, where there is a tank and some Gassains, there is some water out in the plain there near the bottom of the hills with Rice cultivation around it.
Descend to the plain.....	N. 34 E.	....	70		
Trees on left.....			5	....
Dry nulla.....	N. 45 E.	....	4	....	Requires levelling for guns, sandy road, deep in tracts in parts, Baubool trees and large bushes.
A small detached hill near the } road of a yellow color..... }			2	110	It has a Durgha and tombs on its summit, with a stair to ascend; cultivation between the road and hills with trees; bushes and huts on right, a nulla on left.
Cultivation on both sides.....	N. 50 E.	....	3	110	
Nulla on right.....	N. 54 E.	..	2	..	Hills 300 yards on left.
Dry ditch.....	N. 30 E.	..	1	200	Levelling required for guns; on right trees and bushes.
	N. 45 E.	..	3	..	100 Yards on right, high trees, front and left to the hills and Tattah, fine open plain, good encampment.
Dry ditch.....	N. 25 E.	..	3	56	Levelling for guns, cultivated fields to the city.
Do. to the S. W. corner of Tattah.	N. 30 E.	..	2	..	The low range of hills on the left retire to about 1100 yards from the city, some fine pieces of water at their base, their sides and summits covered with old Mosques, Durgahs, an Eadgah, and tombs innumerable; water in pools out side of the city which is very extensive, upwards of a mile across, but many deserted and ruined houses, mosques and empty spaces occur; the main bazaar is small in comparison, but there are shops in several places besides, supplies such as grain are scarce and dear.
Goolamhaw to Tattah 11 miles } 4 furlongs..... }					
Total 47 miles.....					

ROUTE FROM TATTA TO KOTREE NEAR HYDERABAD.

Quarter Master General's Office, Tatta 17th January 1839.

STAGES.	Distance.		REMARKS.
	Miles.	Furlongs.	
TATTA.			
Chuttai-ka-gote on the left.....	4	5½	Kullaree river dry, pass Goolam Hoossain Seir-ka-gote, both are small villages and water not procurable.
Chilirja on right.....	2	4½	Water not procurable, an enclosed Shikargah runs one mile on right from Chuttar.
Shaik Radaw Peer.....	1	7	A white tomb on a hill to the right, there are 2 large tanks, around which there is plenty of grass, forage is plentiful in an enclosed Shikargah on right, the ground in the vicinity is hilly and stony.
Kunjur Dhund or lake, 7 furlongs } on left of the road..... }	5	2	The water is brackish, but not bad, plenty of grass at the North end and in the Shikargahs near the Ameer's Bungalow on the right of the road.
Helija-ka-gote on right of the road.	1	6	A pond of good water but small, ¼ mile beyond the village among some thick bushes on left of the road.
Soonda.....	6	3 2	Miles from the bank of the river, an open plain South of the village, to the North it is hilly; no grass in the vicinity, but plenty in the Shikargah on right, pass Jutta-ka-gote, at 1 mile on right, Tarunja at 2 on left, and pass Soomaka at 2½ miles on right, and Karramka at 4½ on right.
Jirkh or Jerrick.....	9	5	On the bank of the river; boats come close to the bank here, road along the the foot of a range of hills, but not stony.
Raja-ka-gote.....	4	..	A large village on an open plain close to the bank of the river, encamping ground North of the village, grass can be procured from the banks of a tank about 2½ miles in front on the road to Mozawur.
Mozawur or Shaik Peer.....	5	2	Situated among the tall trees, conspicuous at a distance. There are two or three wells, but the water is not good.
Sorunjee Wasee....	5	3 4	Of a mile from the bank of the river, which is shelving and soft, the jungle round the village is thick with no grass, encamping ground sufficient between the river and village, tolerably open.
Kotree.....	8	4	Kotree is situated in a large clump of trees on the bank of the river, ground in the neighbourhood open and level. Boats can come close to the bank at Kotree. The river is 844 yards wide here, but there is a bank of sand opposite the town which extends some distance below it. The road for 3 miles from Wasee winds among sand hillocks.
Total.....	55	2	
Hyderabad is about four miles across the river from Kotree.			

NOTE.—There is very little grain procurable at any of the villages, but Bullocks and Sheep are numerous at some of them.

(Signed) NEIL CAMPBELL, Major.
Acting Quarter Master General of the Army

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ROUTE FROM LUCKPUT TO HYDERABAD, DIRECT, MEASURED WITH PERAMBULATOR AS FAR AS
 MAHOMED KHAN'S TANDA AND THENCE TO HYDERABAD.
 Estimated by a Private Guide in February 1840.

Civil Authorities.	NAMES OF PLACES.	Distances.			Road and Soil.	Water.	Supplies.	REMARKS.
		Miles.	Stages.					
			Furlongs.	Miles.					Furlongs.
	Luckput Town Bunder.....	26½	8	½	Water distance by Boats., Good after the first 3 furlongs, soil salt..			The camels of the party were ferried over in boats (February 1840.)
	Dhurnsolla or Chokee.....	5 2	26	6½		1 Well.....		Two or three Seapoy's huts, four Seapoys and a Hindoo Meytah who collects the customs reside here, a few large trees, it is on the edge of the river; the road across the river with the exception of the first three furlongs was found hard, good and dry, with the exception of a few places, where it felt soft and yielding under the camels feet, but not so much as to cause any inconvenience to the cattle from sinking or slipping on the surface; the first three furlongs from the chokee at Luckput creek was soft and muddy, in which the feet of the camels sunk 8 or 9 inches.
	Gahree.....	36½	3	6½	Road good thro' thin jungle. Do. Do. soil black	1 Well and river	2 Shops....	70 Houses, cross the river or canal at Gohree about knee deep.
	Goongla kan-ka-gaum.....	11 3½			Do. Do. Do.	2 Wells.	1 do..	10 Houses.
	Hussain khan-ka-gaum.....	3			Do. Do. Do.	1 Do.....	1 do.....	5 Houses.
	Seranee.....	1 6 13	4½	Do.	Do. Do. Do.	2 Pukka 3 cutcha wells & canal.	20 Shops....	300 Houses, a good halting place cross the canal and knee deep from Seranee now running.
	Bhoota.....	25½			Road good thro' thin jungle. Soil in parts black, others salt.	1 Pukka well ..	1 Shop	12 Houses.
	Jakajee.....	8 7				1 .. do. .. do...	.....	10 do.
	Surrai.....	4 5½	16	2		3 .. " " "	25 Shops....	400 do. A good halting place.
	Seranoo.....	33½				1 .. " " "	1 do.....	50 do. considerable cultivation.
	Kurreah.....	6 2			Do. Do....	4 .. " " "	60 do.....	250 do. A good halting place.
	Kaubramun.....	47½	9	5½		1 .. " " "	2 do.....	40 do.
	Dodree.....	5 2	10	1½		1 Pukka well	2 do.....	50 do.
	Nagocha.....	3 7				1 .. " " "	2 do.....	25 do.
	Koununjae.....	1				1 .. " " "	.....	10 do.
	Talboorad.....	2 2½			Do. Do.....	1 .. " " "	5 Shops....	30 do.
	Summunkote.....	3½				1 .. " " "	.....	15 do.
	Shaikpureed.....	1				1 .. " " "	.....	5 do. considerable cultivation.

Civil Authority.	NAMES OF PLACES.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
		Stages.		Furlongs.	Miles.				
		Furlongs.	Miles.						
Political Agent at Hyderabad.	Mahomed khan's Tanda.....	3	7	12	4	Road good through thin jungle	10 Wells and canal.	100 Shops...	2000 Houses, 2 fine gardens and several fine topes of trees, there was a ferry boat plying here which continues during the year. The river is named the Goonee here.
	Lyaree Ragote.....	4	12	4	Do. Do. with patches of cultivation.	.....	.....	A large village 1½ mile on left.	The country is covered with Tamarisk jungle and patches of cultivation, watered by numerous canals from the Fulafee; the road winds along the edge of a shikargah for the last 5 miles, Sorah is a small hamlet ¼ of a mile from the bank of the Fulafee river
	Sorah.....	8	12	12	.....	.....	.....	Several other villages on both sides of the road, water, forage &c. abundant, country richly cultivated.	N. B. The distances from Mahomed khan's Tanda are estimated by Lieutenant Jacob, Artillery, vide his route from Hyderabad to Nuggur Parkur already printed.
	Alum khan.....	6	.....	.....	.....	.....	.....
	Kurrotab Jentadab.....	1	.....	.....	.....	.....	.....
	Goolam Hoossain-gote.....	4	.....	.....	.....	.....	.....	N. B. The distances from Mahomed khan's Tanda are estimated by Lieutenant Jacob, Artillery, vide his route from Hyderabad to Nuggur Parkur already printed.	(Signed) E. V. DEL HOSTE, Captain. Acting Deputy Quarter Master General of the Army.
	Hyderabad Residency.....	1	12	.....	.....	.....	.....
Total miles.....		124	7	.....	.....	.....	.....	.....	.....

(28)

(Signed) E. V. DEL HOSTE, Captain.
Acting Deputy Quarter Master General of the Army.

Quarter Master General's Office Bombay,
24th February 1844.

ROUTE FROM LUCKPUT TO HYDERABAD.

February, 1840.

The arms of the sea or great eastern mouth of the Indus, on the southern shore of which the town of Luckput is situated, is crossed in two directions from the Bunder, the one to Kotree (distant 3 Coss, passable at all times) in a N. N. W. direction, the other to the N. Eastward crossing the great salt lake or marsh formed by the earthquake of 1819, and gradually hauling up a little to the north, to the opposite Bunder of Mittree, Luckput bearing from thence about S. W. by S. distant probably 18 or 20 miles in a direct line, the boatmen call it 14 coss (of 2 miles) but the creek winds considerably. This latter route can only be traversed by small boats at the springs, it is the best of the two, as the land journey on the Scinde side to Gaira, (at which both roads meet) is only 19 miles, and a good road the whole way, whereas Kotree is considered to be 42 miles, which must be made in one march owing to the scarcity of water, but boats can cross to Kotree at all times.

Luckput bunder is about 1½ miles north of the town, a causeway formed of piles and branches leading to it through the mud, which is covered by the tide, there is a squalid village at the bunder head, inhabited by boatmen and fishermen, all fresh water being brought from wells to the Eastward of Luckput: I should think that a spring tide running in with a strong westerly and southerly wind must inundate this place; there were a few boats the largest 25 Candies lying here, 1 fathom water at the bunder when the tide is out; boats drawing about a foot water and proper for the voyage to Mittree are procurable. I subjoin a few observations, I made during our passage from the bunder to Mittree.

15th February 9 A. M. Waiting the turn of the tide; we started in 6 boats and ran up with it in a N. E. direction, the creek is very narrow through the mud, being precisely like Sandwich Haven river, though not so broad and deep.

6 P. M. We have come 7 coss, by dint of tracking and sailing. The channel is not broad enough for these Dondies (boats) to turn in, and we are stuck fast in an inch or two of water till next tide. Runn, all around white with salt.

16th Feb. 1 A. M. Off again, but had to wait 2 hours between this and daylight for 4 of the boats whose crews had overslept themselves, the creek in many parts is not above 4 yards wide, that part of the Runn covered only by the highest tide is perfectly white with salt, as if covered with snow.

16th Feb. 8 A. M. In a wide expanse of water, apparently now here above 6 feet deep, and generally only ½ to 3, every particle floating on its surface soon becomes incrustated with salt; and feathers, straws, little sticks &c, float about in masses of salt, magnified in the distance by the Mirage, give a good representation of the appearance of the great northern rivers at the annual departure of the Ice, when the larger flaws have passed down; Our boats pass along, sailing, tracking or pulling, according to circumstances, but the boatmen who jump over board to track, complain much of sores in their legs and feet, brought on by the briny water.

16th Feb. 11-45. A. M. In the last hour we have entered a creek called Mittree-ka-Durya. Our camels may now be ½ a mile off, the creek winds extremely, and is about 30 to 50 yards wide, but so shallow that we scrape along the salt bottom as we are being tracked almost the whole way. Runn on both sides, diminutive stumps of bushes occasionally appearing above the level surface.

16th Feb. 40 M. A. M. Arrive at where our camels are; the whole shore and bottom is covered with salt, there are a few bales of dates and tobacco lying here, but no land mark or hut of any description, nor is there any water procurable, all is Runn, and nothing is discernable in the distance except the Cutch hills to the southward, in consequence of the Mirage.

The boats cost 20 Cories each.

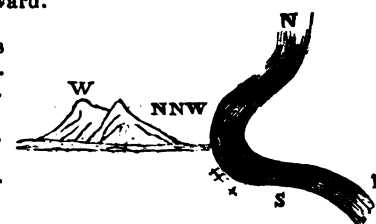
Mittree as I believe this bunder is called, is about 20 miles N. E. by N. from Luckput, and 9 miles S. by W. from Garree, it is quite necessary that camels should be sent beforehand, there is nothing to be had nearer than Garree, which is an insignificant village, and the first drinkable water one comes to and that is brackish, is nearly 13 miles off; I should not recommend persons trusting to procuring camels in Scinde for hire at a short warning, and there are no carts, tattoos or bullocks to be had in the country, the camel loads also are not much greater than are ordinarily put upon tattoos in the Deccan.

1840.	NAMES OF OBJECTS.	General Bearing.	Distances.						REMARKS.
			Inter-mediate.		Total.		Stages.		
			Miles.	Furlongs.	Miles.	Furlongs.	Miles.	Furlongs.	
16th Feb.	From Mittree to Pools.....	N. by E.	3	3	3	3	.....	.....	Runn in some places unsafe.
		.. do. ..	2	6	6	1	.....	.....	2 Small ponds of salt water.
		.. do. ..	5	..	11	1	.....	.....	Low tufts of earth and grass commence.
		.. do. ..	5	..	11	1	.....	.....	Tamarisk bushes left of the road, there is a sort of heather and stunted grass about here.
	Pool.....	.. do. ..	1	4	12	5	.....	.....	To the left, water fresh but not very good, the pond is surrounded with bushes.
		.. do. ..	1	1	13	6	.....	.....	A tree and three large bushes, furlong to the right.
		.. do. ..	4	..	17	6	.....	.....	Sandy and bushy country commences, in parts thick bushes.
	Garree .....	.. do. ..	2	1	19	7	19	7	Quantities of fine Baubools about here, there is a tank in the old bed of a river, water good, also from a cutcha well, the tank drying up in the hot season, a small village 2 shops 18 houses.
18th Feb.	Tomb.....	.. do. ..	8	7	28	6	.....	.....	To this place the road is across a flat, sometimes Runn, then bushes and then grass: The tomb is 2 furlongs left of the road, and a low hillock or two like mounds of a tank are near it.
	Curryon.....	.. do. ..	..	1	28	7	.....	.....	Near the tank to the north of it, a very small village and a few Baubools are near it.
	Goojuljee Gote.....	.. do. ..	1	6	30	5	.....	.....	To the left small village (W. there is a round tower in the village 9 feet high, with long loop holes, a little cultivation, Tamarisk bushes.

1840.	NAMES OF OBJECTS.	General Bearing.	Distances.						REMARKS.
			Intermediate.		Total.		Stages.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
18th Feb.	Goolzar Syed,.....	N. by E.	4	31	1	.....			Small village on the right, very little culture.
	.. do. ....	.. do.	6	31	7	.....			Fields, irrigation cuts, now all dried up.
	Seeranee.....	.. do.	6	32	5	12	6		Large village, houses mostly with domed or conical roofs, water from tank and W. shops 10 houses 90 quantities of cattle in good condition, cultivation.
19th Feb.	Village.....	.. do.	1	3	34	.....			To the left, small.
	Huts.....	.. do.	1	1	35	1	.....		To the right, a few.
	Huts.....	.. do.	1	5	36	6	.....		To the right, a few.
	Tombs.....	.. do.	1	1	35	1	.....		Do. conspicuous from the last village, one high; there are three or four Baubools here, country poor and patches of Runn.
	.. do. ....	.. do.	1	7	40	4	.....		2 Furlongs to the left, with a low round tower.
	Peerigolum Shal.....	.. do.	1	2	41	6	.....		2 Furlongs to the left, a high round tower with loop holes conspicuous.
	Hali Polun Shah Raj ..	.. do.	4	42	2	.....			A collection of huts close to the right of the road.
	Peeri Shah Boorhan.	N.N.W.	1	....	43	2	.....		A very conspicuous structure of white chunam, dry canals 6 or 8 yards wide, run on each side of it to the S. Eastward, these are now dry, their bed are level with the surface of the country, and they are embanked; the village of Buddeen is 2 miles to the N. N. W.
	Kuslee Buddeen.....	.. N.	2	....	45	2	12	5	Large village a fine grove of trees to the South of the village in which there are numerous tombs, a canal running N. & S. on the east side of the village waters this spot. There is a bridge across the canal, the construction of which evidently shews that there is not a cart in the country, the pathway is between 4 and 5 feet broad, the abutments are very large in proportion and on a level with the path way, therefore by throwing planks across the space between them a fine broad bridge might be formed for the passage of artillery &c., all the bridges on the road are of the same construction and the space between the abutment and parallel with the pathway is in all capable of being planked with little trouble, the bridges are arched, and built strongly of burnt brick and partly chunam, partly mud, some are out of repair, but all are capable of being made to bear any weight; there is a small tank north of the village S. 50 H. 250.
20th Feb.	.....	.. N.	4	3	49	5	.....		A swamp a short distance to the right.
	Bannoo.....	.. do.	4	50	1	.....			Road along the sand, W. side of a large village.
	Shah Gooroo.....	N. by N.	2	3	52	4	.....		Small, on the right, a Musjeed in a grove of fine trees, about a mile to the right of this village.
	Ootaree.....	W. by N.	4	57	..	11	6		Bears N. 10 W. from the above Musjeed, close to which the direct road (as I have laid down) runs; we are taken much out of our way to the westward, which I believe arose from the custom of calling villages by the names of their owners, which is so prevalent among the peasantry, that they most likely never knew the proper name, and our guide led us several miles out of the road from Shah Gooroor N. to hillocks of bricks (2 miles) evidently the remains of a considerable place; there is a small village on the left of them, thence to a small village (1 mile 1 furlong,) 2 furlongs off to the right then N. by W. to Soono Jemalee (6 furlongs,) 1 furlong right, then E. by S. to huts (1 mile 1 furlong,) on the right again to huts (5 furlongs,) and S.S. E. to others (2 furlongs and thence E. by N. to Ootaree (6 furlongs) total 6 miles 5 furlongs. The village which is in a dilapidated state, is on the south bank of a large marshy tank from which water is procured, there is also a cutcha well, houses 10 no shops. Encamped near Shah Gorla's tomb.

1840.	NAMES OF OBJECTS.	Bear- ing.	Distances.						REMARKS.
			Interme- diate.		Total.		Stages.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
21st Feb.	Soonoo Jemalee.....	N.N.W.	2	7	59	7	.....	Small village with a round tower, this would be the proper halting place, but we went to Ootaree on account of the water, our followers being numerous, the marsh at Ootaree obliges one to make this circuit to the westward.
	Huts.....	N. by E.	.....	6	60	5	.....	Three clusters, two on the right and one on the left.
	.....		1	6	62	3	.....	Tamarisk.
	Doneda.....	N.	.....	6	63	1	.....	Small village, to the left among Baubools, thick Tamarisk country.
	Huts.....	do.	1	2	64	3	.....	Tamarisk and Mudar bushes.
	.....	do.	.....	3	64	6	.....	Cross a double water course, running near due south from Zilhar; cultivation.
	Zilhar.....	do.	7	65	5	8	5	Large place, great cultivation round the village, a dry water course W. of the village. The Fulailee to the East of it, encamping ground N. W. shops 50, houses 200.
22nd Feb.	.....	do.	.....	5	66	2	.....	Cross canal near a ruined bridge, turning due east for one furlong through hedges, then north on regaining the open country, Tamarisk bushes.
	Jerah.....	do.	2	1	68	3	.....	1 Furlong to the right wooded country.
	.....	do.	1	.....	69	3	.....	Meet the right bank of the Goonee, (Fulailee) running to the southward.
	Barowul.....	N.W. by N.	3	3	72	3	.....	Small to the right.
	Pulla.....	N.N.W.N.	1	3	73	6			
	Coonee.....	N.N.W.	.....	6	74	4		
	Dumdah.....	N.N.W.	.....	1	74	5	.....	Panian trees here, pass to E. and N. of the village.
	Ringeea.....	N. W.	.....	4	75	1	.....	On the right.
	Hukeemanees.....	N.W. by W.	2	4	77	5	.....	Pass round the North side of this village, shops 168, houses 200 pleasantly situated in a beautifully wooded spot.
	Surdee.....	N. W.	4	78	1	12	4	Small village among the trees, which continue from Hukeemanees, S. 2 H. 30, water from Fulailee E. of village, and a small tank west of it, supplies drawn from Hukeemanees, of which this can hardly be considered more than the outskirts. The country from Jerah is beautiful, equal in wood and culture to any part of Guzerat, and is watered by the Fulailee.
23rd Feb.	Village.....	do.	.....	6	78	7	.....	On the right.
	.....	do.	.....	7	79	6	.....	2 Bridges over water course, these bridges are 5½ feet broad, with large abutments, as described at Kuslee Buddeen, and in tolerable order, the water courses are deep but at this season dry.
	Noora.....	do.	.....	1	79	7	.....	Small, to the right.
	.....	W.	.....	2	80	1	.....	Angle of the Goonee (Fulailee) running W. to E.
	Water Wheels.....	do.	.....	2	80	3	.....	On the right bank of the river, in full work, there are several.
	Gungamatta.....	do.	.....	1	80	4	.....	3 Furlongs to the left.
	Megree.....	N.N.W.	.....	3	80	7	.....	2 Do. do.
	Mohurree.....	do.	.....	4	81	3	.....	1 Furlong on the left or opposite bank of the river.
	Goomanees.....	N. W.	.....	1	81	4	.....	2 Furlongs on the left, or opposite bank of the river.
	.....	W. to N.W.	.....	4	82	.....		A large dry canal here runs off from an angle of the river to the westward, the river running S. to the point of junction, then turning off due East, the canal being several feet higher than the river, is now dry, road crosses it.

1840.	NAMES OF OBJECTS.	General Bearing.	Distances.						REMARKS.
			Intermediate.		Total.		Stages		
			Miles.	Furlongs.	Miles.	Furlongs.	Miles.	Furlongs.	
23d Feb.		w. to n.w	...	3	82	3	...	Futteh Bagh, a village rendered conspicuous by a large Musjeed, bears S. S. W. distance $3\frac{1}{2}$ to 4 miles. I believe this is a large village, a straight road from Garree to Mahomed Khan's Tanda runs through it, which is used in the months of the inundation when there is a certainty of water.	
	Summerjee.....	do.....	2	82	5	...			
	Mohr.....	N. W.	2	82	7	...		2 Furlongs left bank.	
	Seik Village.....	do...	4	83	3	...		Right bank.	
	Golam-ali-ka Tanda..	do...	3	83	6	...		2 Furlongs to the right on the left bank.	
	Buggree.....	do.....	3	84	1	...		Right of a road.	
	Munree.....	N W. W.	3	84	4	...			
		N. N. W.	4	85	...			2 Miles to the left of this spot is Bella-ka Musjeed conspicuous.	
		.. do.....	5	85	5	...		Here the Goonee forms and acute bend (if it may be so called) to the S. S. W. and is met by the road at * the water seems deep thus, and the river must be 100 to 120 yards across.	
	Nuzzerpoor	N. W.	2	85	7	...		Is 1 furlong from the right bank of the goonee very small with low wall, one or two fine Neem and Banian trees. Road passes to the right of the village	
	Village.....	do...	2	1	88	...		1 Furlong to the right,	
	Huts.....	do.....	5	88	5	...		1....Ditto....Ditto.	
	Huts.....	do.....	3	89	...			1....Ditto....Ditto.	
		N.	5	89	5	...		Cross a dry nulla with high banks running southerly from its embankment, the Goonee is seen to the Northward, a small village to the left, distant 1 furlong; cultivation in the flat to the right towards the river.	
		.. do...	3	2	92	7	...	Water course.	
	Mahomed-Khan-ka Tanda.....	do.....	4	93	7	...		Tents were pitched at some distance to S. W. of this place, there is a low wall and ditch on the South and West sides, and the foliage inside it is dense, 100 shops 1900 houses. H. the river runs along the E. N. E. side.	
24th Feb.		N. W.	4	93	7	...		From our tents the road first leads to the W. N. W. side of the town, skirting or in many parts running along the ditch.	
		W N. W.	2	1	96	...		Ends of the Hills bear N. N. W. to W. $\frac{1}{2}$ S.	
		do...	1	3	97	3	...	A Tower bears N. W.	
		N. W.	4	97	7	...		Nulla now dry.	
	Moosaree.....	do.....	3	98	2	...		Two furlongs to the left there is a Musjeed, a curious hill rear of the village Ramgoerases.	
		do.....	3	98	5	...		Cross a dry nulla meeting the Goonee at its angle formed N. to S. to Eastward.	
	Shora.....	do.....	1	98	6	...		To the left trees, Hills from W. to N. N. W.	
	Woorace.....	N. by E.	3	99	1	...		2 Furlongs to the right.	
		N. N. W.	2	99	3	...		1 Do. Hills S. S. W. tower S. by W.	
	Huts.....	do.....	4	99	7	...		2 Furlongs, right cultivation.	
		do.....	2	100	1	...		Tank to the left, close.	
	Sheikard one Wassee	do.....	4	100	5	...		Small 1 furlong right.	



1840.	NAMES OF OBJECTS.	General Bearing.	Distances.						REMARKS.
			Inter-mediate.		Total.		Stages.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
	Aggermanee.....	W.	....	1	100	6	7	3	A few huts; this is the S. E. end of a Shikargah of Meer Sobdahs, which skirts the river for a considerable distance; S S. W. of the Shikargah, the ground becoming more strong, gradually rises into gentle hills, covered with Milk bush, having remained here in a tent during the heat of the day, we started again between 3 and 4 for Hyderabad.
	..... do.....			6	101	4	.....		Shikargah on the right, stony ground, Milk bush, thickets and hills to the left.
	..... do.....			4	102		.....		Low limestone hills on both sides.
	..... do.....			1	102	1	.....		Low grounds cultivated.
	..... do.....			2	102	3	.....		Amphitheatre of hills to the left, bushes and water on the flat.
	..... do.....			5	103		.....		Stones, then bushes to the left.
	..... N.N.W.....			5	103	5	.....		Shikargah ends here, Goonee close by.
	Huts.....	do.....		5	104	2	.....		Country open, bushes, cultivation in patches to the left.
	Huts.....	do.....	1	3	105	5	.....		On the right a Shikargah bearing N. E. distant 1½ mile.
		do.....		3	106		.....		Hills to the left, and fields of as I supposed, wheat.
		do.....		6	106	6	.....		Peer on a hill distant 1 mile, to W. N. W. another 1½ mile, N. W. by W. and a third ¼ mile, N. N. W. i. e. right a head.
	Commade.....	N.by W.....		7	107	5	.....		Village right, and a Peer left of the road, great cultivation.
	Bareeke Wassee.....	do.....	1		108	5	.....		Small village close to the right of road. Hoosereee in fine trees ¼ a mile to the right.
	Pottery.....	do.....		3	109		.....		A little off the road to right, a round hill bears W. by N.
	Village.....	do.....	1	5	110	5	.....	2	Furlongs to the right, Shikargah is 1 mile to the right, and hills 1 furlong to left.
		do.....		2	110	7	.....		Banbools, range of hills close hence, it getting late we galloped round the nose of a hill, to a village about 2 miles, the village is to the right, thence in a more westerly direction round the point of another hill, ½ mile when Hyderabad, bearing about West distant 1½ mile, comes in sight from this point; the road leads to the Southern side of the Town from which the Presidency is about 3 miles (bearing S. W.) supposed distances are.
	Village.....	W.....	2		112	7	.....		Situated North of a bluff point of the range.
		W.S.W.....		6	113	5	.....		Point of range running S.
	Hyderabad.....	S. W.....	2		113	5	.....		S. E. corner, Trees &c., Mosques and buildings through which road winds gradually to Southward.
	Residency.....	do.....	3		118	5	17	.....	Through fields, &c.,

General Remarks.

Supplies; I see no impediment in any part of this route to the march of troops, cavalry and horse artillery will be plentifully supplied by their Grass cutters with good grass from the sides of the Fulailee, which also takes the name of Goonee, and as far as I could understand promiscuously, until approaching Hyderabad, when its decided name is Fulailee, and even to the South of Tilhar, where this river runs off more Easterly, these troops would find no difficulty. I do not however see that this route is applicable to cavalry and horse artillery further South than Tilhar; except perhaps on emergent occasions in the rainy season, when the Runn might be impassable (*via* Bullyaree) and the passage at Luckput with all its inconveniences of scarcity of water and embarkation, there absolutely necessary; and then grass would be abundant to the North of Garree; supplies of gram and also Kirbee would be plentiful North of Seranee, and Regimental Bazaars would be well stocked. Water is plentiful along the whole route excepting on the borders of the Runn at Garree.

The general features of the country gradually lose the sterile appearance of Runn as one proceeds North; cultivation at first is confined to the vicinity of villages in small patches, after passing Seranee it becomes more general and the luxuriance of the trees and extent of land under culture when the banks of the Goonee are reached, will bear comparison with any part of Guzerat, or in fact any country I have ever seen; water courses of various sizes, now dry (February,) intersect the country in all directions, and the land is studded with villages, and between them with clusters of huts belonging to Herdsmen; there are plenty of cattle in the more Southern parts. North of Mahomed Khan's Tanda, the country becomes stony in parts, and there is a range of hills, no where exceeding 150 feet in height, for the last 16 miles to Hyderabad, along the

North Eastern base of which the road skirts, and at a distance varying from $\frac{1}{4}$ to 2 miles is the Fulailee; with the exception of this range and a spur or two probably connected close under the surface, the country is a perfect flat broken only by the high banks of the water courses.

The road is a foot path, generally firm and good, it would however be almost impracticable for guns during the inundation, except on emergency that would authorize staking and bushing across the water courses, and thereby causing great destruction to property, this would also apply to cavalry. I only observed 4 bridges on the route which I have noticed.

Guides mounted should be taken from stage to stage, and I think the rate is 1 Hyderabad Rupee; It would be almost impossible to find the road without a guide, and even with a perfect knowledge of the language of the country, the probability is, that as almost all villages having two names one does not ask the direction by the right one.

The coss may be reckoned at 2 miles, but no reliance is to be placed in the distances given by the natives.

The distance in the foregoing route, is calculated by the pace of my horse having found on an average of several marches in Cutch by the side of a perambulator, that his walk was precisely 4 miles per hour, the notations taken by the watch it will be seen were very frequent and have been converted into miles and furlongs at the above computation.

The general bearing in the 3rd column, refers throughout to the village or object ahead, and not to the road already traversed, thus having reached Pecri Shah Boorhan the direction changes from N. by E. to N. N. W. towards Buddeen, and from that place North towards Bannoo, &c.

Copy of a route taken by Captain Curtis, 1st Lancers from Sukkur to Hyderabad, with remarks by that Officer on its practicability for Troops

(True Copy.)

(Signed) G. P. LE MESSURIER, Major.
14th Regiment Native Infantry.

(True Copy.)

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

Qr. Mr. General's Office, Poona 15th Sept 1843.

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ROUTE FROM LUCKPUT TO HYDERABAD OF THE MISSION TO SCINDE,

Commencing 12th January 1832. *Furnished by Lieutenant E. P. DELHOSTE, Surveyor and Draftsman to the Mission.*

TAKEN FROM THE JOURNAL.

Civil Dis- tricts or Political Authority.	NAMES OF PLACES.	Distances Estimated.				Water.	No. of Shops	REMARKS.
		Miles.	Furlongs.	Stages.				
				Miles.	Furlongs.			
Ameers of Scinde. Ameer of Meerpoor, Meer Moorad Ali.	Luckput to Bunder } of Luckput..... }	2	.....	.....	.....	.....	.....	Over a muddy tract flooded in spring tides.
	Kotree by boats a- } cross the Karee.. }	6	8	.....	.....	No fresh water..	.....	There is another road considerably shorter, by which horses and camels proceed to the Karree and are ferried over; there is neither house or shed at Kotree, not even a blade of grass. The country as far as the eye can reach, is a tract of desert similar to the Runn of Kutch; The weather is very cold at this season; the distance was round the creeks.
	Over hard Runn....	8	4	.....	.....	.....	.....	.....
	Lah.....	5	4	14	.....	15 or 20 wells of brackish water	.....	The last 6 miles met with numerous roots of low stunted jungle. Lah is merely a halting place in the desert, where there are two trees, a few bushes and the Darun or Lanah a small plant, which is the principal food of camels in this desert. No houses whatever, but a Hindoo Metah, and a few Seapoys reside here.
	Vere.....	10	4	.....	.....	Wells.....	.....	No houses, some trees similar to those at Lah.
	BHOOR.....	14	2	24	6	The country round Bhoor is well watered with canals and water courses.	.....	Bhoor is merely a collection of a few huts, the country from Lah, perfectly flat and covered with the Darun plant, low grass and low jungle, bushes of Baubool and Tamarisk; The road good but a great many paths crossing and running off from it, requires the direction to be well known.
	CHUNDAN.....	.....	.....	9	2	Ditto.. do....do.	.....	A small village of 250 huts on the bank of a deep and broad canal, country level and well cultivated.
	SHAKAPOOR OR KA- } POOR..... }	.....	.....	14	2	Ditto.. do....do.	Bazaar.	About 3000 inhabitants. A large town on the bank of a deep and broad canal. The country appears an uninterrupted and well cultivated plain, the road intersected by canals and water courses
	Cross the canal.....	2	.....	.....	.....	.....	.....	.....
	Suttiana.....	1	.....	.....	.....	Wells.....	.....	A small village, mostly cultivators.
	Joghée.....	4	4	.....	.....	Ditto. and water course.	.....	A small village, principally mendicants.
	MEERPOOR.....	4	.....	.....	.....	Ditto do. . Tank	300	A large walled Town; crossed the canal from Shakapoor by a narrow bund, the only place in this season by which it is passable, and for horses and camels only; towards the end of the bund there is a rude bridge of branches of the Tamarisk, covered with earth, over a place of ten feet to let the water off; the road as far as Joghee an uncultivated plain intersected by water courses, from Joghee to Meerpoor a salt flat.
	.....	.....	.....	11	4	.....	.....	.....
	Deoghur.....	2	.....	.....	.....	Wells and water course.	Small Bazaar.	300 Houses.
	Jokh.....	2	2	.....	.....	Ditto.... ditto..	ditto	A large town on the bank of a deep and broad water course.
	BHULREY.....	13	6	8	.....	Ditto.... ditto	Bazaar.	800 Houses. The road as far as Jokh over level and well cultivated country, thence to Bulrey through thick Tamarisk jungle.
	Syudpoor.....	.....	.....	.....	.....	Ditto.....	ditto	Small village.
Katiar.....	.....	.....	.....	.....	Ditto.....	.....	Small village.	
DHOONDY.....	.....	.....	6	2	Ditto and water course.	Bazaar.	500 Houses with a Ghurry in the centre, the road from Bulrey through Tamarisk jungle, and cultivation alternately, frequently intersected by water courses.	

Civil Dis- tricts or Political Authority.	NAMES OF PLACES.	Distances.				Water.	No. of shops.	REMARKS.
		Miles.	Furlongs.	Stages.				
				Miles.	Furlongs.			
Amcra of Scinde. Meer Moorad Ali.	Sunneeja.....					Wells and water course.		50 Houses, road over level and well cultivated country, frequently intersected by water courses.
	Katiar.....							The road from near Sunneeja runs along a high and broad embankment to near Katiar.
	TEKKOOR.....			13	4	River Indus		200 Houses, on the left bank of the Indus, which is about $\frac{1}{4}$ of a mile broad at this place, crossing the Fullailee river near Teekoor, about 30 yards broad; The road from Katiar through culti- vated fields.
	Camp opposite Kar- rakoe near a small village call- ed Shah Mean- ka-Wussed.....			9		Ditto.. do.....		Karrakoe is on the opposite, or left bank of the Indus, the road through part of a Shikargah or enclosed Jungle, and then through cultivation, and leaving the hills and small hills a little to the right through cultivation again to camp.
	HYDERABAD.....			5		Do. Fullailee and numerous wells	Large Bazaar.	The road along the base of the small hills, through cultivation during the last mile.
	Total.....			121	4			

ROUTE FROM BHOOG TO BHEYLA IN WAGGUR,
GENERAL DIRECTION, E. N. E. SEASON—JULY.
Furnished by Lieutenant Burnes in 1828.

Qr. Mr. General's Office, Bombay, 19th December 1836.

Civil Dis- tricts or Political Author- ity.	NAMES OF PLACES.	Distances.			Road and Soil.	Water	Supplies.	REMARKS.
		Miles.	Stages.					
			Furlongs.	Miles.					Furlongs.
Cutch, Resident in Cutch.	BHOOG TOWN N. GATE.							
	Lacoond.	6	6		Good though sandy	25 Wells 3 tanks and river	6 Shops, 20 garrys, 93 bul-locks.	92 Houses on a low range of hills.
	Mamoora.	6	3½		Rocky here and there.	Scarce, 3 tanks, and fails in February.	17 Garrys, 64 bullocks, 1 shop.	31 Houses, open country.
	Duggala.	6	1½	10	3 Open hard road.	1 Well, 3 tanks.	72 Gar. 145 bul. 7 shops.	151 Houses, a river South from Mamoora.
	Mookana (2 villages).	2	½		} Do. do. do.	2 do. 2 do and river.	22 do. 84 do. 3 do.	72 Houses in both Villages.
	Nuwagaura.	5	2½			1..do. 1 do.	5 do. 34 do. 2 do.	31 Houses, the river now turns S., it is dry 6 months.
	Dooder.	3	4½	10		7½	60 do. 2 do. 6 miles 3 of the wells are brackish.	40 do. 246 do. 39 do.	230 Houses. This is merely a deviation from the route already given from Bhoog to Deesa, and possesses no advantage over it.
	For intermediate places see the description of, in the route from Bhoog to Deesa.							
	Khoombarree.	9	1	9	} Good open road, soil } sandy, here & there } heavy }	45 Wells, 20 of which are } brackish, 1 tank 6 miles }	10 do. 42 do. 2 do. supplies few	40 Houses, Encamp N.; Country to the South close and confined. The road to Deesa turns off here.
	Bundree.	5	½						14 Garrys 63 bullocks 2 shops.	47 Houses.
	Munfura.	6	4			2 Tanks, 1 salt well. 40 51 wells, 10 bad.	123 do. 19 shops	<i>The country is bushy.</i> 163 Houses, from Bundry a thick bushy country; Kuncote is 8 miles E. and the hills about 3.
	River.	2	....	14	Heavy across river.	No water. . . . .	.....	190 yards wide; low banks, sandy bed.
	Choubaree . . . . .	..	4		A good cart road over 80 Wells, 30 indifferent, & a flat country.	.....	100 do. 288 do. 19 do.	289 Houses and a highly cultivated country which opens from Munfurra; Encamp near the tank.
	Kurkooee, on left 500 yards.	3	2			20 Wells, 2 tanks. . . . .	.....	20 Houses.
	Bhurooria	2	3			53 do. 2 do. and Runn.	27 do. 104 do. 3 do.	75 Houses. The river is East of 100 yards wide, bed soft sand, bushy banks, only contains water in the monsoons. Pass several small nullas from Choubaree.
	Cross nulla	2	3			Always water. . . . .	.....	To the right a thick jungle which continues.
	Cross nulla . . . . .	..	3			Do. do. . . . .	.....	10 Sooees.
	Sooees	3	6½			4 Wells, 1 tank	32 Garrys.	67 Houses, a small Fort on a hill N. of the village in ruins; the country now opens.

Civil Dis- tricts or Political Authority.	NAMES OF PLACES.	Distances.			Road and Soil.	Water.	Supplies.	Remarks.
		Stages.		Furlongs.				
		Miles.	Furlongs.					
	River, cross.....	1 1/2	..	3	Do. do.	Water in the rains.....	.....	River 90 yards wide, and hard bed.
	Jeesra	1	..	13	Do. do.	50 Wells, 4 tanks, 23 of the wells are brackish	28 Garrys 86 bullocks, no supplies except what are brought from Shapoor and other Towns.	148 Houses on a rising ground, and has once been a larger place; encamping W.; the country near Jeesra is low and the Runn approaches it within a mile. Shapoor the capital of Waggar.
	Cross a small river to Raos, } 3 villages.	6	4	..	.....	Water in rains, 4 wells 3 tanks	58 do. 206 bullocks 7 shops 12 Garrys	177 Houses in the 3 villages, country open all the way. 28 Houses, one or two small nullas on each side of it.
	Daoree	4	6 1/2	..	.....	.....	.....	163 Houses, has 3 names, is lately peopled and on the increase, named after the Rao of Cutch; encamping ground on all sides of it, it is situated on a sloping ground.
	Daisulpoor or Nuwagaom or } Mankooa.....	4	..	14	Good road over a flat country, but flooded in rains, and then barely passable for wheel carriages.	19 Wells 2 tanks one of which is inside the village, all the wells are good.	70 Garrys 236 b. 14 Shops moderate supplies grain is brought to it in abundance from Guzerat by way of Futtebgud.	It is impassable for carts in the wet season, but hard and good road in the dry.
	Enter on the Runn.....	1	4	..	Good in the dry season ..	.....	.....	278 Houses, and two small rivers on each side of it but dry; the country is bushy.
	Leave the Runn	2	..	..	.....	3 Wells, 2 tanks, 1 large, fails in February.	114 Garrys, 291 bullocks 19 shops.	60 Yards wide, bed small stones, a torrent in rains.
	Jattawarra	3	4 1/2	..	.....	Water in rains .....	.....	310 Houses, and the ruins of 3 Forts, and of a walled town across the Sarun river, which is narrow and very rocky, but dry in the fair weather. The Runn is about 2 miles distant to the North, across which there is a road to Parkur travelled by camels in the monsoon if local rains have not been heavy; country about Bheyla is wild and unproductive.
	Darawa river.....	3	4 1/2	..	Stony	60 wells, 20 kucha, 2 tanks and a river with a little water in it, but brackish. There is a large tank called Ragoosa 2 miles N. E. of Bheyla and close to the Runn. 25 of the 40 built wells contain good water.	123 Garrys, 283 bullocks, 42 shops, supplies are procurable from Guzerat and Parkur, so that grain and ghee are to be had in abundance.	Encamping East of the Sarun river away from the village.
	Bheyla.	2	5 1/2	12 6 1/2	Good road .....	.....	.....	The detachment of Artillery from Bhooj, with one 12 pounder howitzer and a six pounder, marched across from Bheyla to Kasba in Parkur, in 12 hours without hindrance, to join the Parkur Field Force, under Lieut. Col. Litchfield, 31st September 1882.
	Total.....			94 4 1/2				

Waggar Political Agent in Cutch.

Waggar Political Agent in Cutch.

(Signed) N. CAMPBELL, Major, Deputy Qr. Mr. Genl. of the Army.

**ROUTE FROM BHEYLA IN WAGGUR (CUTCH,) THROUGH PARKUR TO
BOYATRA ON THE LOONEE RIVER,**

By Lieutenant J. HOLLAND, Deputy Assistant Quarter Master General.

General direction—N. E. by N. distances estimated by watch.

SEASON—DECEMBER 1829.

Division or description of Territory. Nearest Civil Authorities.	NAMES OF OBJECTS.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
		Miles.	Furlongs.				
RUNN OF CUTCH. POLITICAL AGENT IN CUTCH.	Bheyla to S. Bank of Runn	2	..	Good cart road	Good, from tank & well.	Abundant ...	A considerable village, the Head Quarter of the Cutch out-posts on the Runn. The road across is seldom practicable for carts before January, at this time there was a thick crust of salt over the whole Runn, and in some places it was rather muddy; the horses and laden camels and tattoos however, crossed with the greatest ease and at a smart pace. It is reckoned dangerous to cross here in the day time on account of the glare from the salt which is perfectly blinding.
	N. ditto ditto or S. extremity of Parkur	25	4	Ditto			The Runn on the Cutch side has hardly any perceptible declivity, but on the Parkur side there is a bank of one or two feet.
	Kasba	4	..	Ditto through level sandy country.	Moderate from 3 wells & pits in a small tank.	Scanty	60 Houses. The country thus far is level, generally covered with long grass and thin jungle: there are two tanks close to the right and left of the road quite dry at this time, but said in some seasons to retain water till March and April.
	Nuggur	6	..	Good foot path thro' a sandy & rocky soil.	Abundant from 4 wells and pits in a sandy nulla.	Moderate, 20 shops.	Two roads lead from Kasba to Nuggur, one round the right of the Kalinjur hills, the other between two portions of it, the former is the best and used by carts, the other is shorter and quite practicable for men and animals; it is also tolerably open, the hill on either side being 2 or 300 yards distant: after passing through, or round the flank of the hill, the road leads under its N. face to Nuggur, which contains about 250 houses, chiefly grass huts, and is surrounded by a dry thorn hedge. Nuggur is close under the hill. The country is generally level and sandy, covered with long grass and thin jungle, and partially cultivated.
PARKUR. POLITICAL AGENT AT PALHUNPORE.	Veerawow	11	2	Good hard cart road.	Abundant from tank.	Moderate.	The first 2½ miles is bushy and slopes gradually down to a low ground partially under water in the monsoon. About half way the road leads between some low ranges of rocky hills, by which it is a little confined; Under these hills on the right and left of the road are the small coolie villages of "Dingsee" and "Badrye." The road latterly passes round the left of a large swampy tank, about a mile long to the South of Veerawow. Veerawow is the largest place in Parkur, and contains about 350 houses and a small ruined brick fort, it is surrounded by a dry thorn hedge and is on the verge of the sandy desert, the sand hills commencing close to it.

Division or description of Territory. Nearest Civil authorities.	NAMES OF PLACES.	Distances.		Road and Soil.	Water.	Supplies.	REMARKS.
		Miles.	Furlongs.				
<p style="text-align: center;">T H U L L.</p> <p style="text-align: center;">RESIDENT IN CATCH.</p> <p style="text-align: center;">SUCHORE DISTRICT IN JOODPOOR.</p> <p style="text-align: center;">POLITICAL AGENT AT AJMER.</p>	Guddra	10	2	Good hard road some parts stony.	Scanty from pits, in tank ½ mile to S. E.	Scanty, 5 shops	Pass through the ruins of Pari-Nuggur, close to Veerawow, the road lies through a tolerably level and hard plain, with some cultivation and scattered jungle intermixed and some rocky ground on the right hand, about half way cross a narrow inlet of the Runn perfectly hard and dry; and from this to Guddra the Runn is close on the right. There is a small coolie village with some wells on the right of the road; Guddra has about 100 houses, it belongs to the Thakoor of Peetapoor. A village about 4 miles to the S.
	Bakasir	17	2	The first six miles only passable for cart or guns	Scanty from 2 wells in a tank which soon dries up.	None	The first 6 miles lies along the edge of the Runn and is occasionally intersected by portions of it, quite firm and dry. From this the sand hills commence, and continue to Bakasir they are high, close together, and the road is a constant succession of ascent and descent, the sand however is not very heavy; there is a great deal of grass and jungle; 2½ miles from Guddra pass a small village or "wand" called 'Dingasir' on the right hand, and at 12 miles pass through the deserted village of Bulgaum. Bakasir is situated in a hollow surrounded by sand hills, it has been a larger place and there is the remains of a small fort, at present it does not contain 50 houses, and out of 20 dependant villages in the vicinity 10 less than 10 are deserted. The Thakoor is a Thawan Rajpoot under Scinde.
	Kijrearah	12	4	Heavy sand hills, not passable for carts.	Moderate from pits.	None	The road for 9½ miles is the same as described above, the sand hills then terminate abruptly on a level and open plain (intersected by branches of the Loonee river, and subject to occasional inundations therefrom) called "Nueyar,"—here also commences the Joodpoor territory. The road through the Nueyar is level & good. A "wand" with 2 or 3 small wells is passed on this road at 4 miles 3 furlongs from Bakasir. 1 mile from Kijrearah cross a narrow dry chunnel in which the water of the Loonee formerly ran. Kijrearah is a village of 40 houses subject to the Ranna of Soorachun under Joodpoor, it is situated on a branch of the Loonee river (8 or 9 miles from its mouth) on a slight eminence. The Loonee here is about 50 yards wide, banks 10 feet deep, bed sandy, with salt water in pools.
	Boyatran ..	5	..	Good cart road through level & open country, swampy in monsoon.	Good from pits and tauks.	Moderate 20 shops.	6 Furlongs from Kijrearah cross Loonee river above described, and at 1½ mile cross another branch of the same, 20 yards wide and similar in other respects;—there are two marshy pools near the road, Boyatra is a village of 150 houses of a tolerable description, and has the ruins of a small brick Fort, it is situated on the Easternmost branch of the Loonee, here 20 yards wide and similar to the branches before described; like most villages on the Nueyar, Boyatra is situated on a slight eminence and is liable to be insulated, during an inundation of the river.
TOTAL.		93	6				

The Route from Wow to Nuggur Parkur, given in page 64, Table No. 92 of the Quarter Master General's route, is very incorrect in distances,—it is the route (I believe,) pursued by Colonel Barclay's force, and the only road round the head of the Runn practicable for guns. I have corrected the distances according to the best of my judgment below.

NAMES OF PLACES.	Dis- tances as per route Book.		Dis- tances correct- ed.		REMARKS.
	Miles.	Furlongs	Miles.	Furlongs	
Wow to Bulwuntree	19	..	14	2½	The route given in the book is by Dhaima, which is considerably to the right hand, that measured by me is as follows:—Wow to
					Ms. fur.
					Bakree..... 5—3½ 40 houses, 5 months water in tank.
					Suffreea 2—3 20 do. 9 do. do. do.
					Tuddwa. 3—½ 70 do. 8 do. do. do.
					Bulwuntree. 3—3½ 50 do. 12 do. do. do.
					Total. <u>14 2½</u>
Boyatra	15	..	12	..	Pass Joreeallee half way, partly measured.
Nawapoora	3	4	3	4	By computation.
Tarrejura.	13	..	10	..	Ditto ditto.
Guddra.	23	..	18	..	Ditto ditto.
Veerawow	12	..	10	2	Measured.
Boodeair.....	10	..	8	..	} Partly measured.
Nuggur	3	..	3	2	
Total.	98	4	79	2½	

(Signed) J. HOLLAND,
D. A. Quarter Master General.



ROUTE FROM BHOOL TO SUKKUR ;
Measured with Perambulator.

Political Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Cutch Territory, Political Agent in Cutch.	БНООJ.			
	Soomraseer.....	15	2	23 Wells ; at 8½ miles cross Karee river.
	Bindiario Waund.....	16	....	34 Wells and forage abundant. At 2½ Miles enter a branch of the Runn, it is 4 miles broad.
	Kaora.....	18	5	1 Tank and 4 wells, some supplies; at 9½ miles enter the Puchun and Uglee waund, which has 25 wells.
	Misree well one mile on the left of Droobana village....	6	....	A built well having abundance of water, and the last that is procurable between Puchun and Scinde.
Hyderabad Territory, Political Agent at Hyderabad.	Gainda Bate....	11	..	No water, some grass.
	Ballyaree in Scinde..	18	6	29 6 A small village, supplies limited; well 16 feet deep, forage abundant. Troops marching from Misree well, should start so as to reach Ballyaree before Sun-rise.
	Deepla.....	11	....	60 Houses, 5 wells and a tank, some supplies; there is a mud Fort here garrisoned by 50 Beloochees.
	Sooniree Kooah.....	16	....	Marsh and tank, no inhabitants; road very bad over a succession of sand hills.
	Wanga Bazaar.....	11	....	A fine piece of water here, the road is good after the first 5 miles, and the country flat.
	Shah Allum.....	13	2	Water and forage abundant, the road is intersected by water courses and much thick jungle, and in November 1840 was wet and marshy.
	Addooree.....	10	4	Water and forage plentiful, the road as in the last stage.
	Futtey-Alli.....	10	....	Water in a marsh 2 miles distant, and in some wells at 1 mile from this ground.
	Goolam-Alli.....	12	....	A tolerable sized village close to a canal. Water plentiful and forage for purchase; road good with the exception of a few deep water-courses.
	Augoo Manoo.....	12	....	Water and forage plentiful, road as above.
Ameer of Khyrpoor's Territory, Political Agent in Upper Scinde.	Alli Yar Tanda....	15	7	Water and forage plentiful, road still intersected by deep water courses.
	Nusserpoor.....	8	1	Water and forage abundant, a respectable town, road bad, country as above.
	Shah-i-Kaut.....	14	2	Water and forage abundant, country and road as above.
	Halla (old,) near a fine sheet of water.....	15	....	Old and new Halla are 2 miles apart, encamp at old Halla; water and forage plentiful, the road still indifferent, over fields, embankments, and water courses.
	Syudabad....	11	2	A small village close to a large sheet of water, forage plentiful, road bad.
	Sakerund....	18	2	Small village as above, water and forage plentiful, road better with considerable jungle.
	Dim or Kazey-Gote.....	19	3	Encamp S. E. of village, road good.
	Doulutpoor....	18	5	Moderate village; water from wells, road very good, country more open.
	Morah.....	13	....	A good village, wells; encamp west of the town, road bad.
	Nowsharra.....	16	5	A large town with supplies and water, the road difficult.
Ameer of Khyrpoor's Territory, Political Agent in Upper Scinde.	Kundeearah.....	16	4	A fine town with supplies; wells, road good after the 4th mile.
	Khan-ke-Ban.....	10	7	A small village; wells, road indifferent for 6 miles, then good in the bed of a canal.
	Soobadeyra.....	12	2	A large town, well water, road bad.
	Korah.....	10	....	A good village, well water, road good.

Political Authority.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Ameer of Khaypoor's Territory, Political Agent in Upper Scinde.	Gangree.....	13	3	Small village; well water.
	Garee Moree.....	12	....	A large village; well water.
	Sukkur.....	10	....	Crossing from Roree.
	Total Miles.....	410		

N. B.—The above to Balliarae from Lt. Burnes; from Balliarae, is taken from Lt. Jacob, of the Artillerys' route of Oct. 1840, this route was compiled for the march of the 12th N. I. in 1841.

(Signed) NEIL CAMPBELL, Lt. Col.
Quarter Master General of the Army.

ROUTE FROM OMERCOTE TO BALMEIR.

Political Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Authorities, Nusseer Khan, Hyderabad.	Omercote.....			A celebrated fort and town on the Western borders of the Thurr, though of no great strength. Its population chiefly consists of Rajpoots the descendants of its former possessors, it fell into the possession of the Ameers of Scinde about 23 years ago. It is supposed to be the birth place of the Great Ukbar, and one of the strongholds of the Ameers; supplies abundant, water good from wells and tanks Its population numbers 2000 souls. Trade is extensively carried on with most parts of India and Scinde.
	Catarh.....	9	....	Small hamlet, 3 wells, water very brackish, no supplies, forage procurable, name of Thakoor Champa, direction East.
	Choteah.....	24	....	Small hamlet 1 well, water very brackish, like brine, servants all taken ill in consequence, myself likewise. Forage abundant, no supplies, name of Thakoor Buggu, direction nearly due East.
	Thurro-ke-par.....	17	....	A small hamlet, no supplies, no forage, several wells, good water on road from Choteah to Thurro-ke-par; pass at about 2 miles 3 or 4 wells brackish water; 8 miles beyond again, several wells, one of which has good water, the rest brackish.
	Guddra.....	15	....	A considerable town, Thakoor Conjee; Here terminates the territories of the Ameers East. Supplies; forage very scarce, but procurable in the cold season, water also very scarce, none in any quantity near the village, the people have to send 3 or 4 miles West for it. A well is being sunk, at present it is 180 feet deep, and they say, it will be 90 feet deeper before they come to water, and then uncertain if it will be sweet.
	Seyanee.....	18	6	Large village, supplies scanty, forage good and abundant, water plentiful and sweet; pass 2 wells both brackish.
	Jessye.....	9	4	Small village, no supplies, good forage and water, there is a spring of good water in the hill above Jessye.
	Metree.....	2	7	
	Mahroong.....	2	7	Small hamlet, 1 well sweet water.
	Balmeer Camp.....	5	4	
	Total Miles.....	104	4	Distance not measured, but calculated by watch and pace of the horse.

N. B.—The distance taken from the plan of a guide, who surveyed the route in 1839, under Major LeMessurier's directions, 117½ miles.

(Signed) G. S. RAVENSCROFT, Lieut. 3rd L. Cavy.
Commanding Squadron Balmeir.

Camp Balmeir, April 29th 1841.

ROUTE FROM HYDERABAD TO BALMEER, VIA OMERKOTE,
Measured with Perambulator in 1843, and is a correction of the distances given in the former Route to Omerkote, which was an estimated one.

Civil Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
	Hyderabad.....			From the Fort.
	Jamhalla-ka-Tanda.....	12	....	A town of 400 houses, supplies and water abundant. The Fulailee when crossed in October 1843 was dry, except where in parts deep pools of water remained, it has very steep banks of stiff clay, and a breadth of about 100 yards, and depth from 20 to 35 feet; passed between two gardens, Meers Soobdars and Nusseer Khans, leaving Mahomed Khan's (Tora Tonda) $\frac{1}{4}$ mile on left; partial cultivation, prevailing vegetation, Tamarisk with Baubool trees, at 7 miles passed Dubba and Jeytea, where the action of the 24th of March 1843 took place.
	Allyar-ka-Tanda	13	....	This is a considerable place of about 16,000 inhabitants, and is the central point of trade from Upper Scinde. Manvar Palee and the mouth of the Indus, Shah Mahomed the brother of Shere Mahomed, lived in a kind of Fort, on the east side of the village; water and supplies abundant, the road nearly east. Country one wide plain, cultivated only near the village, and canals, passed several large canals all now dry, the villages of Khanpoor and Tadjpoor, at 7 miles, are the only ones of consequence, cultivation entirely of Bajree and Cotton, Jowaree is as uncommon here as Bajree is on the Indus.
	Meerpoor.....	20	....	A town as large as Allyar, and a good sized fort, which was the residence of Shere Mahomed, it has been improved and rendered defensible by Captain Jacob's Artillery; has one well, another is being dug; there is a fine mango tope under the walls of the fort, villages and cultivation are few, between Allyar and Meerpoor, and the soil is more of a sandy nature, and much attention is not paid to Agriculture in the country about it.
	Cheylee.....	21	....	A small village of a dozen huts. } See, Major LeMessurier's route for a description of the country.
	Sahib-ka-Turr.....	17	....
	Omerkote.....	18	4	Omerkote is a good sized town, with a well supplied Bazaar, inhabitants principally Rajpoots; the fort which is situated west of the town on the banks of the Narra river, is an oblong square, the N. and S. sides about 350 yards long, the E. and W. 250, but without buildings in the interior to shelter a garrison; a round solid tower in the centre, gives a command of 35 feet. Omerkote lies $57\frac{1}{2}$ miles east of Meerpoor, the road is flat and uninteresting the whole way, with a good deal of jungle, which in some parts is rather thick.
	Omerkote to Balmeer, vide } Page 43 of the Routes in } Scinde, printed in 1843.. .. }	117	4	In the route from Omerkote to Balmeer printed last year, 8 miles 3 furlongs have been omitted between Guddra and Teyonee.
	Total Miles..	219	..	

The above is principally from Captain McMudo's report of the march of the Army, dated May 1843.

(Signed) E. P. DELHOSTE, Captain.
Acting Deputy Qr. Mr. General of the Army, Bombay.

**ROUTE FROM HYDERABAD TO KHYRPOOR, ROREE AND SUKKUR
DIRECT, MEASURED WITH PERAMBULATOR.**

Civil Authorities.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
	Hyderabad.....			From the fort.
	Kattree.....	8		Kattree is 10 miles 5 furlongs from the Residency direct, cross the Fulailee river to this place; water from the river and 4 cucha wells; near this village the Battle of Meanee was fought on the 17th February 1843.
	Muttaree....	10		A large town about 1½ mile from the Indus, water from 20 kutchas wells and a dund ½ mile S. W. of the town; supplies plentiful, forage and curby abundant.
	Saekat or Shah-i-Khaut .. 5 3			200 Houses, 15 shops, 1 well, supplies abundant. This is the point where the routes from Nuggur Parkur, Bhooj, &c. join that from Hyderabad going north-ward to Roree &c.
	Khebur or Keybur.....2 5			400 Houses, 30 shops, 3 wells.
	Sallarali.....5 4			A town of about 500 houses, about 3½ miles from the Indus.
	Nova Halla.....5 „	18		20 Shops, 2 wells.
	Syudabad.....	11		2½ 15 Shops, 1 Pucka well, and inlet from the Indus.
	Sukkurund	15		15 Shops, 1 Pucka well and Dund, this place is 12 miles from the Indus.
	Kazee-ke-gote or Dim.....	17	6	Dund and wells, supplies procurable.
	Dowlutpoor.....	16	8½	Tank and wells, supplies abundant.
	Murrow.....	11	7½	60 Shops, 6 Pucka wells, do. do.
	Suddooja.....	8		4 Wells, supplies procurable.
	Nowsharra.....	8		50 Shops, 6 Pucka wells.
	Beeryah.....	7		Tanks and wells, supplies.
	Kundiara.....	9	3	Wells, supplies procurable.
	Khan ke Bann.....	10	7	20 Shops, 20 wells.
	Sobey-ka-Deyrah.....	12	2	20 Shops, 15 wells.
	Koreh.....	10		20 Shops, 20 wells. Koreh is about 18 miles from Khyrpoor.
	Garee.....	13	3	5 Shops, 3 Pucka wells, this place is laid down about 7 miles west of Khyrpoor in Lieut. Jacob's protraction.
	Garee Moree.....	12		1 Shop, 6 Pucka wells.
	Roree.....	8		
	Sukkur camp.....	208 2	4½	
	Total....	201	4½	

N.B. The above is compiled from the routes and surveys of Captain DelHoste, Acting Deputy Quarter Master General of the Army; Captain McMurdo's of February 1843, as far as Kundiara, where his route diverges to Deejee Kote from Kundiara to Roree from Lieutenant Jacob of the Artillery. For a more particular description of the stages, see those routes, page 46 and the route from Ahmedabad to Roree.

(Signed) E. DEL HOSTE,
Acting Deputy Quarter Master General of the Army.

Qr. Mr. Genl. Office Bombay, 29th February 1844.

**ROUTE FROM ROREE IN UPPER SCINDE ON THE LEFT BANK OF
THE INDUS TO HYDERABAD.**

*Viá Khyrpoor and Dejee-kote, marched by the Head Quarters, Scinde and Beloochistan, Measured
with Perambulator.*

NAMES OF PLACES.	Distances.			REMARKS.
	Miles.	Furlongs.	Yards.	
From Roree to Nusseer Khan's Kote.....	8	1	.....	Camp near Puttree, 2 miles 2 furlongs south of Roree, to Nusseer Khan's Kote, runs for $\frac{1}{4}$ of a mile over sand hills, heavy for guns &c., jungle then commences through which a good road runs, to within a few miles from Nusseer Khan's Kote, when it is crossed by several nullas and water courses; the country is well cultivated, several good wells in the vicinity, supplies abundant; there is a fort here belonging to Meer Nusseer Khan of Khyrpoor, under the walls of which is the village of Mungree surrounded by a ditch,
Khanpoor.....	11	4	.....	Road excellent. The country is not so well cultivated as would be expected from the fine nature of the soil, which produces when cultivated abundant supplies of grain; there are salt pits on the route from Nusseer Khan's Kote to Khanpoor, <i>viá</i> Kungree, distance 8 miles 6 furlongs, road good; cultivation from Nusseer Khan's Kote to the village of Kungree, when the country becomes one wide and neglected plain, 8 or 10 wells of water, supplies abundant.
Degee Kote.....	10	7	.....	At Degee there is a fort on a hill belonging to Meer Alli Moorad, it is commanded by a hill in its vicinity; road good, the country is highly cultivated, with rich soil, the cultivation is carried on to Degee and partially round it; water and supplies abundant.
Peer Abboo Bukkur.....	8	3	.....	Road good, there is one Pucka well and another about $\frac{1}{4}$ of a mile to the south with good water. In the vicinity of the camp which is about a mile south of the village, there are 9 pukka wells, curby and grain in abundance.
Alle-ka-Tanda.....	15	1	.....	The road lies principally over a firm plain of clay soil which forms a good road; cultivation scanty, soil clay and sand, abundant supply of water from 7 pukka wells in the vicinity, 2 pools of water near, and one good tank 1 mile and $\frac{1}{2}$ to the north east of the village, 42 Banian shops.
Belleanee.....	10	.....	.....	Belleanee is a good sized town, well built houses; 2 miles to the west is another town called Halleanee the same size, there is a handsome well built Mosque about midway between the two places; road principally lays through jungle, but is good, the country about the towns only is cultivated, the soil is rich and fertile; there are 6 pukka wells in the vicinity of Belleanee and a large tank of good water to the eastward of the town about $\frac{1}{2}$ a mile, grain and forage in abundance and other supplies procurable.
Kundiarra.....	9	2	.....	Good road the whole way over a level plain, 4 miles from Belleanee cultivation commences and is carried on with more vigour to Kundiarra, a rich low soil; an abundant supply of water is procured from 8 pukka wells in and about the town; grain, forage and other supplies are procurable; Kundiarra is a clean and good sized town.
Beeryah.....	9	3	.....	The road is good, but crossed by several water courses and nullas, round the villages the country is well cultivated, every where else there is low jungle, though the soil is rich and fertile; there are 4 pukka wells and a small tank in the town, 4 other pukka wells in the vicinity afford an abundant supply; forage, grain, &c., plentiful. Beeryah is a well built neat town not so large as Kundiarra.
Nowshara.....	7	.....	.....	Good level road, the country generally well cultivated, the soil rich and productive, canals and water courses intersect the country, and afford ample means for irrigation. Water is plentiful in 5 pukka wells in the vicinity and four within the town, supplies plentiful. The town is situated on a rising ground surrounded by a half filled up ditch containing some stagnant pools of rain water, there is a good bazaar.
Suddooja.....	8	.....	.....	Road good, the country is generally well cultivated, soil productive, water from four pukka wells, supplies procurable. Curby and camels forage plentiful.
Murrow.....	8	.....	.....	Road good, crossed by several nullas, after 4 miles thick jungle commences, for about 2 miles afterwards road open and good, country is generally cultivated, water from 15 wells pukka in town, supplies of all kinds procurable.
Dowlutpoor.....	11	7	180	Road good, crossed by several nullas, water to be found in a Dund or Lake on the west of Dowlutpoor about 1 mile, cultivation around the country, supplies plentiful, forage for camels and curby for horses.
Kazee-ka-Gote.....	16	1	80	Road good, crossed by several small nullas, the country is well cultivated, water from 2 pukka wells and in a dund, supplies procurable, forage for camels and curby for horses.

NAMES OF PLACES.	Distances.			REMARKS.
	Miles.	Furlongs.	Yards.	
Suckerund.....	17	6	....	Road good, water in dund, country is well cultivated, supplies plentiful of every kind, forage for camels and curby for horses in abundance; cross a dry river called Ren 11 miles from Kyjee-ka-gote, a tank of water, about 3 furlongs on the south of the same river; a fort is situated about 2½ miles from the same river, direction east about 3½ furlongs.
Syudabad.....	15	....	....	Road good, crossed by several nullas, water to be found in Dund and 2 pukka wells; cultivation around the country, supplies plentiful, forage for camels and curby for horses.
Nowa Halla.....	11	2	110	Road good, crossed by several nullas, water from 10 pukka wells, supplies plentiful, country well cultivated, forage for camels and curby for horses.
Muttaree.....	18	....	....	Road good, crossed by several nullas, water from 20 kutchu wells, and in a Dund about ¼ mile S. W. of the town; country is generally cultivated, supplies plentiful, forage and curby in abundance; Muttaree is a good sized town.
Kattree.....	10	....	....	Road good crossed by two large nullas, water from Fulailee river and 4 wells cutcha near the village. The battle with the Ameers took place at this village on the 17th February 1843, encamping ground on the other side of the Fulailee river.
Camp near Hyderabad.....	10	5	....	The Capital of Scinde.
Total Miles.....	216	4	30	

(Signed) W. McMURDO, Capt.
Actg. Assist. Qr. Mr. Genl.

ROUTE FROM HYDERABAD TO KHYRPOOR.

COMMENCING 19TH FEBRUARY 1832.

Furnished by Lieut. DELHOSTE, of the Scinde Mission from a Journal, distances estimated.

Civil Dis- tricts or Political Authority.	NAMES OF PLACES.	Distances.				Water.	No. of Shops.	REMARKS.
		Miles.	Furlongs.	Stages.				
				Miles.	Furlongs.			
Ameers of Scinde.	Hyderabad to a cross } the Fulailee..... }	7	..	....	....	....	....	After the 1st mile the road runs through low jungle, apparently a Shikargah, the Fulailee here is 80 yards broad, and 3 feet deep.
	Doosman Boodanee.	7	....	14	..	Wells, very scarce .....	....	Small village, the road from the Fulailee through highly cultivated country.
	Muttaree.	6	....	....	....	....	....	A large town about ¾ of a mile from the Indus, the road narrow and winding through thick jungle, cultivation near the village.
	JEKRA-KA-GOTE.....	5	4	11	4	Do. do. ....	....	A village of 20 huts, the road winding and narrow through thick jungle.
	Sallarah.	6	4	....	....	....	....	500 Houses, ¼ mile from the Indus.
	Gotang.....	1	4	....	....	....	....	Small village on the bank of the Indus, which is 1½ mile broad here.
	Cross a deep water course	1	4	....	....	....	....	....
	HALLA	4	....	13	4	Abundant Bazaar..	....	A large town, country flat, soil a rich clay, a good deal of rain during the last two hours of the day.
	A Syuds Tandah.....	....	....	8	....	Wells and water course. ..	....	Road through a wild uncultivated country, quite level, covered with Bauble jungle, passed one faqueers hut.
	LIMBA-KA-KHOMB.....	....	....	12	....	Do. do.	20	300 Houses, cross a deep water course South of Khomb, the road and country as abovementioned, travellers should provide supplies here, as there are none procurable until reaching Lalloo.

Civil Dis- tricts or Political Authority.	NAMES OF PLACES.	Distances.				Water.	No. of shops.	REMARKS.
		Miles.	Furlongs.	Stages.				
				Miles.	Furlongs			
Ameers of Scinde. Meer Roos- tam.	SYUD-KA-CHIR	8				Water course. . .	2	100 Houses, the rain came down in tor- rents, and continued all night.
	NUWAUB-SHAH-KA- GOTE.....	10				Wells.....		100 Houses, this place is considerably out of the direct road to the eastward; as a deep water course lay in the direct way which we could not cross, road through thick jungle, slippery and dangerous, from rain.
	Faqueer-ka-Kooah.....	4						About 20 huts.
	KOTREE.....	21		25		3 or 4 Wells of brackish water.		Merely a few sheds or huts, the road through a miserable deserted country, passing two tombs only.
	Bindey	8	4			2 Do. do.....		A few huts.
	Lalloo.	18		26	4		1	Ditto, the shop has generally a large sup- ply of grain; passed a small mud fort near Lalloo, now abandoned.
	Beloochee-ka-Gote.....	4	4					Small place.
	CHANG	3	4		8	Some tolerable wells.		40 Houses, the road similar to that above described, the whole country from Nu- waub-Shah-ka-Gote to Chang, may be termed a desert, the only inhabited places being those named, and during the hot season, even these would be deserted for a want of water.
	Cross a deep water- course at Pinjaree } Daree.....	7	4			Water course...	2 or 3	Called Meer-wah-cut from the Indus, the road the first 8 miles through Tama- risk jungle, afterwards through cultivat- ed fields.
	KHANDEARAH.....	6	4		14	Some good wells.	1 or 2 tolerable.	100 Houses, road for most part through cultivated fields.
	Butchar.....	6	4			Wells	1 or 2	Situated in thick Tamarisk jungle.
	Lodhu.....	7	4		14			Road through jungle and patches of culti- vation.
	CHADOAH	12		12		Abundant		Road as above.
	Chadoah to Khyrpoor ..	13		13				The road winding, country more sandy producing scarcely any thing but jungle plants; passed Bejee Fort at 11 miles, situated in a small range of hills about 3 miles to the right.
		Total..			185	4		

ROUTE FROM HYDERABAD TO SUKKUR, VIA BYRANEE, SUNJOORA
AND SHAHPOOR.

By CAPT. CURTIS, 1st Light Cavalry, in the month of September 1840.—distances estimated.

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs.	Miles.	Furlongs.	Miles.	Furlongs.	
1840.	From Lines, Hyderabad..								
4th Feb.	Dund.....		1	1	....	...	1	1	Broken kutchia Bridge.
									Ditto..... ditto three yards Broad.
			....	1	....	....	1	2	A dund running on the right of the road.
	Shah Mucki.....		1	1	....	....	2	3	40 Houses, Facqueers, no shops; there is a dund and a bridge.
	Hyderabad Fort.....			3	....	....	2	6	On the right side the Fort, on the left a large tank, or swamp.
	Ditto Town.....			3	....	....	3	1	Tombs on the left.
	Ditto Gate.....			1	....	....	3	2	
	Unadad Khan-ka-Tanda.....			6	....	....	4	....	A village, at the commencement of which there is a pukka bridge, dund 10 yards broad, in the middle of the Tanda there is a smaller dund with a kutchia bridge.
	Ismael Shah-ka-Tanda.....			5	....	....	4	5	Large village, 300 houses, and 50 or 60 Shops.
				2	....	....	4	7	Fulailee on the right.
	Dund.....			4	....	....	5	3	Pukka bridge over a dund 12 yards.
	Dund.....		1	....	....	....	6	3	2 Yards wide, 1 furlong on the left there is a dog kennel belonging to the Ameers.
	Dund.....			6	....	....	7	1	Old & dry, about 20 yards broad, on the left a small village 12 houses, 1 furlong.
	Dund.....		2	3	....	....	9	4	Bridge kutchia, 3 yards broad, Bajree cultivation on both sides, soil sandy.
	Gunpoor-ka-Gote.....		1	2	....	....	10	6	Meer Mahomed's; 40 houses, a few fields; 20 yards in front of the village a small dund, no bridge.
	Dund.....		1	1	....	....	11	7	Without a bridge; 6 yards, a village called Reh-teree, 30 houses, 2 shops, 1 furlong right Meer Nusseer Khan's.
	Hunting Boxes.....			2	....	....	12	1	2—On the right Meer Nusseer's, on the left Meer Noor Mahomed's, road runs between 2 Shikarghs.
	Dund.....			1	....	....	12	2	Bridge 4 yards, and 20 yards, on another dund on which a bridge.
	Dund.....		4	....	....	....	16	2	Dund and no bridge, on the left Shikargah hedge.
	Nowbehr.....		2	7	....	....	19	1	Ferry over the Fulailee, on the left of the road large village, 100 houses, 4 shops.
	Gulleah.....		1	....	....	....	20	1	On the left of the road large village, 100 houses, 5 shops, large Musjeed.
	Ferry.....			2	....	....	20	3	Across the Fulailee, on the other side a Shikargah of Meer Noor Mahomed's.
	Dost Mahomed Bud- hanee-ka-Gote.....	N. 20 E.		7	....	....	21	2	Camp, village a little to the South of camp, 50 houses, 7 shops; on the bank of the Fulailee got every thing, Flour 8 seers, Bajree 17 Pahtees; Meer Nusseer's;—Halt.
6th Feb.	Dund.....	N. 25 E.		7	....	....	22	1	Persian water wheels, a bridge, on the left a small Mohanee village, 10 houses, road runs round the village.
	Dund.....	N. 10 E.	1	....	....	....	23	1	24 Yards across 4 to 5 deep, a boat; a village about 2 furlongs on the left; Boat.

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 6th Feb.	Mehunee-ka-Gote.	N. 5 E.	1	.....	.....	23	2	On the left, 15 houses, fields.
	Dund.....		3	.....	.....	23	5	3 Yards, without a bridge.
			1	1	.....	24	6	2 Furlongs on the left a burying ground 20 yards beyond a village; Sahib Summa, 50 houses, 1 Musjeed pukka 1 furlong right 1 shop
	Dund.....		1	.....	.....	24	7	3 Yards, bridge kutchia.
		N.	3	.....	.....	25	2	2 Furlongs right, the grave of Shah Rookeen, Ooddeen, and Golam Unbee and Hoshun.
	Matara.....		1	4	1	25	3	Camp 1 furlong to the left, belongs to Syuds together with 30 other villages, 1500 houses, 50 shops, dund and a pukka well, water all good, Bajree, Peas, Wheat and Cotton; 1800 yards off, Mosques, 1 built by Morad Ali Khan 30 years ago, Meer Nusseer's property, Ryots not contented, got every thing; Bajree 22 Pahteas, Flour 8 seers.	
7th Feb.	Burial Ground.....	N. 20 E.	1	5	.....	27	....	Right Fields.
		N. 35 E.	1	.....	.....	28	....	
	Dund.....	N. 40 E.	3	.....	.....	28	3	4 Yards, wheels, bridge, Juwar fields.
	Dund.....		5	.....	.....	29	....	Cutchia bridge, 4 yards on the left Makun Shah's Gote, 40 houses; Bauble trees and on the right Kareels, (wild Capers) and Madars.
	Dund.....		1	2	.....	30	2	Bridge 4 yards.
	Dund.....		1	.....	.....	30	3	20 Yards broad, 9 feet deep, Ferry, 1 Boat; on the left a tank north of the dund; went 2 furlongs to the right but found no ford, river seems decreasing fast, a village 4 furlongs to north, 4 furlongs on the left a village Mow-jo-Dehra, Meer Mahomed Khan's; 200 houses, 10shops, get every thing, Baubles, and Madars a milky plant.
	Dund.....		1½	.....	.....	30	4½	3 Yards, bridge.
		N. 15 E.	½	.....	.....	30	5	Madars.
		N. 50 E.	4	.....	.....	31	1	Soil sandy, Madars, &c.
		N. 20 E.	2	.....	.....	31	3	
	Sichat or Shah-i-Khaut..		4	.....	.....	31	7	Went through it. 1½ furlong long, Meer Mahomed Khan's; 200 houses, 20 shops, 2 Musjeeds, dund water, river 3 coss on the left; on the left a swamp, 4 furlongs west Gote Putab large village 2 Shikargahs near it, 1 Meer Mahomed Khan's and 1 Meer Nusseer Khan's.
	Dund.....		5	.....	.....	32	4	Ferry, 2 Boats, 20 yards, 9 feet deep.
		N. 20 W.	1	.....	.....	32	5	Madars.
	Dund.....	N. 30 W.	6	.....	.....	33	3	Bridge dry, on its left 2 Ryots houses, on the right Madars.
	Mahar.....	N. 5 E.	1	.....	.....	33	4	On the left 200 houses, 30 shops, Meer Nusseer Khan's 2 Musjeeds, 1 Temple; extraordinary straight enclosures like camp compounds, are the characteristic of this village, every thing to be got.
	Keyberee.....	N. 5 W.	5	.....	.....	34	1	MeerWullee Mahomed's, 300 houses 2 Musjeeds, 30 shops, 3 Temples.
	Dund.....	N. 15 W.	½	.....	.....	34	1½	Bridge 5 yards.
			1	8	7½	34	2½	Camp, water 1 furlong to the east of Camp, got every thing, 24 Patheas Bajree;—Halt.	
9th Feb.	Dund.....	E.	1	.....	.....	34	3½	

Date.	OBJECTS.	General Di- rection.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 9th Feb.	Rora-jo-Gote.....	N. 70 E.	1	....	....	....	35	3½	Right, Meer Nusseer's, 30 houses, on right Ku- reels on the left fields ; sandy but hard road.
		N. 30 E.	....	6	....	....	36	1½	Kyr and Kureels.
	Dund.....	N. 70 E.	1	6	....	....	37	7½	Old and dry, Baubles and Kureels.
	Dund.....	E.	....	5	....	....	38	4½	Dry, on the right and left fields.
	Dund.....	N. 38 E.	....	5½	....	....	39	2	Wheel, 4 yards, bridge.
	Beloochon-ka-Gote. ....	....	....	1½	....	....	39	3½	On the left ½ furlong, 40 houses, 2 shops, a large Temple, fields.
	Dund.....	....	....	6½	....	....	40	2	Bridge 3 yards.
	Lalloo Dehra.....	....	....	½	....	....	40	2½	Go through the centre, large village, 150 houses, 15 shops, pukka Musjeed 2 kutcha, 10 gardens on the right in which there is a Temple of Lalloo Dehra; he was buried alive many years ago.
	Dund.....	....	....	1	....	....	40	3½	No bridge, mud 4 yards wide.
		N. 20 E.	....	3	....	....	40	6½	Right fields.
	Gote Goorgaun.....	....	1	3	....	....	42	1½	Right 40 houses, 1 Musjeed, fields near it, on the left of road a dry Meidan.
		E.	1	3	....	....	43	4½	Right Bajree fields.
		N. 20 E.	....	6	....	....	44	2½	Jungle.
	Dund.....	N. 40 E.	1	5	....	....	45	7½	On the east of this dund the country is inhabit- ed by 6 or 7000 Murrees, and is Meer Sob- dah's; 12 yards 6 feet deep, there is a Mutka Ferry ; on this side is the village of Metha Nudamane, Hyder Khan's, a relation of Meer Sobdah's; pretty canal, fields, 20 houses, 1 shop, 1 Musjeed, every thing in proportion; swam the horses.
		....	....	3	....	....	46	2½	Sand hills small for 1½ miles, good road.
	Adam Khan-ka-Tanda..	....	1	7	....	....	48	1½	Meer Sobdal's, 1200 houses, 150 shops, 1 Mus- jeed pukka, 3 pukka wells, 12 kutcha.
		....	....	2	....	....	48	3½	2 Feet long, country jungley.
		....	2	....	....	....	50	3½	Road sandy and bad, bushes, a large sand hill on the right about 4 or 5 yards high.
		....	....	3	....	....	50	6½	Tamerisk.
		....	....	6	....	....	51	4½	Country low like the bed of a former river, N. & S. Tamerisk thick and other jungle.
		....	1	4	....	....	52	8½	Thin jungle.
	Shea Khan Jaffer Khan } ka-Tanda..... }	....	....	3	....	....	53	3½	On the left a fort, 100 houses, 20 shops, 1 kutcha, Musjeed, Shere Mahomed Khan's Lushkur; here 2 Elephants; water from 5 wells kutcha, not good water.
	Dund.....	....	3	1	....	....	56	4½	20 or 25 Yards, dry, but used in the time of Somrah and Kalo Ras; Indus 10 coss off, no culture, a flat country formerly all cultivated.
	Camp.....	....	1	5	23	7	58	1½	On the S. E. of the road, there are 2 wells near a large Bauble tree, water not very good, rain water to the northward a few hundred yards, the Village of Beyram-ka-gote, was 2 furlongs, to the N.E., there was every thing, but curby was dear.
	Beyranee.....	N. 20 E.	....	2	....	....	58	3½	Meer Sobdar's 150 houses, 30 shops 1 Musjeed, 2 Temples, 3 kutcha wells, outside the village to the East of the road is a small tank, dirty water.

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 9th Feb.	Dry Tank.....		3	1	.....	.....	61	4½	Left, to this jungle.
	Dund.....	N. 30 W	1	7	.....	.....	63	3½	Dry, 1 mile on the right a village in Bauble trees, of the Kallovees.
				1	.....	.....	63	4½	Left Fields.
	Dund.....			4	.....	.....	64	½	No bridge, 4 yards, 2 feet water. Fields on both sides.
				4	.....	.....	64	4½	Fields.
	Dund.....	N. 20 W.	1	.....	.....	.....	64	5½	2 Yards, 1 foot water. On the right Mussulman graves of old date.
	Dund.....			4	.....	.....	65	1½	Bridge broken. 4 yards, 2 feet water.
	Ruins of a Town.....			1	.....	.....	65	2½	Right Lodar Brahmin-ka-shehr very large and all pukka houses, the foundations of which are to be traced for 2 miles, was destroyed in war in the time of Alla Ooddeen. and the cause of the destruction is attributed to the Brahmin King despoiling his female subjects of their virginites, and that for this the town was turned Topsy Turvy. There are a few cultivators houses on the side of the ruins.
	Dund.....		1	4	.....	.....	66	6½	3 Yards broad, 1 yard high, water.
	Dund.....	N. 40 W		6	.....	.....	67	4½	Dried in the last 4 Days.
	Kehra Kullavee-ka-gote.....			4	9	7	68	½	Camp 1½ furlong, Wheat, Bagree 16 Pahtee, curby cheap, water from a good tank a few yards from Camp, dunds about the village.
11th Feb.	Dund.....			5	.....	.....	68	5½	3 Yards broad, 1½ furlong water, right cultivation.
	Dund.....	N. 30 E.		6	.....	.....	69	3½	Right ½ furlong, Talpoor Kummer-ka-gote, 15 houses; fields, Tobacco and Grain.
	Ruins of a Village.....		1	.....	.....	.....	70	3½	Seems to have been pukka; on the left 4 furlongs, a village with trees and fields, and also fields on the left, and on the right low sand humps.
	Graves.....		1	.....	.....	.....	71	3½	Mussulmans; on either side fields.
	Dund.....			4	.....	.....	71	7½	10 Yards, 4 feet high, no bridge.
				3	.....	.....	72	2½	Fields Juwar, Bajree, Till, Tobacco; a village 1 furlong, Fakir Ka-Gote Boh'ra, Meer Sobdar's, large village, Dund dry and bridge 5 yards long, 30 houses, 2 shops, every thing in proportion.
	Dund.....		1	.....	.....	.....	73	2½	Dry lately, fields.
		N. 20 E.	2	3	.....	.....	75	5½	Meidan.
		N. 40 W		1	.....	.....	75	6½	Ditto changes among hills.
		N. 10 E.	2	2	.....	.....	78	½	Ditto.
	Sunjoora.....			4	.....	.....	78	4½	Camp 1 furlong in advance.
	Camp.....	N. W.	1	10	4		78	5½	1 Tank, 1 well in the town, 203 kutcha outside, Meer Sobadah's, 50 houses, 15 shops, 1 Musjeed, 1 Pagoda, has formerly been a much larger place, no cultivation round it. Bajree 15 Pah-tees, Juar 16, Rice, Ata 11 seers, they said there was no curby, but we got as much as we required; very hot, a fearful dust storm and rain in the afternoon.
12th Feb.	Tank.....		4	3	.....	.....	83	½	Of rain water, large thorny Mimosas about here.
	A Bund.....	N. 20 W		1	.....	.....	83	1½	Of earth, running east and west.



Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 12th Feb.									
		N. 40 W	.....	2	.....	.....	83	3½	Baubles along the whole road and Kareels.
	A Bund.....	N. 80 W	.....	3	.....	.....	83	6½	With a ditch on the north side.
	Ruins of a Village.....		.....	3	.....	.....	84	1½	
	Ditto.....		.....	2	.....	.....	84	3½	
	Dund.....	N. 40 W	1	3	.....	.....	85	6½	Dry 3 yards, a little rain water.
	Bund.....		.....	1	.....	.....	85	7½	Jungle.
	Dund.....		.....	1	.....	.....	86	½	Dry, of, the, Kaloras.
	Shepherd's hut....		.....	3	.....	.....	86	3½	40 Yards right of river, and a dry dund crossed here.
			.....	2	.....	.....	86	5½	Right Bajree, left Cotton
		N. 70 W	.....	2	.....	.....	86	7½	
	Ruins of a Village.....		.....	2	.....	.....	87	1½	A large ruin 2 furlongs long.
			.....	1	.....	.....	87	2½	Tameriak jungle.
	Bund.....	N. 40 W	.....	1	.....	.....	87	3½	
	Dund.....		.....	1	.....	.....	87	4½	Old, dry, 2 yards.
			.....	3	.....	.....	87	7½	Right fields, left Tamerisk and Kareels.
		N. 30 W	.....	4	.....	.....	88	3½	Left Bajree, village right 4 furlongs.
	Moolun-ja-Gote....	N. 40 W	.....	5	.....	.....	89	½	50 Houses, 2 shops, great cultivation, drink dund water.
	Dund.....	N. 80 W	.....	1	.....	.....	89	1½	10 Yards, 2 feet water, east and west.
	Mussulman's Graves		.....	2	.....	.....	89	3½	Right.
	Dund.....		.....	6	.....	.....	90	1½	Old, dry, Kareels.
	Ruins of Village.....		.....	4	.....	.....	90	5½	
			.....	1	.....	.....	90	6½	Ruins on the left bearing S. 70 W.
	Ditto.....	N. 60 W	.....	7	.....	.....	91	5½	Ditto bearing South 20 W.
	Ruins of the Kila of } Shahpoor..... }		.....	1	.....	.....	91	6½	Right wall 1½ furlong long, on the left were signs of a former village.
		N. 20 W	.....	2½	.....	.....	92	1	Fields; in vicinity of Shahpoor, the encamping ground was long 2 furlongs north.
	Shahpoor.....		.....	2	.....	.....	92	3	
		N.	.....	2	.....	.....	92	5	
	Camp.....	N. 20 W	.....	2	14	1½	93	7	Crossing a dund running W. and E. along the side of the village.
									400 Houses, 40 shops, 2 Musjeeds, 2 Pagodas Meer Rustum Khan's; 16 Pahtees Joaree, Bajree 15, Ata 9 seers, curby cheap, water dund, and when the dund dries they dig kutcha wells.
	Dund.....	N. 40 W	1	.....	.....	.....	93	7	Dry, large 5 yards.
		N. 30 W	1	1	.....	.....	95	.....	Jungle.
	Mohanah-ka-Gote....		.....	4	.....	.....	95	4	On the right, 7 or 8 huts.
	Dund.....		.....	4	.....	.....	96	.....	Dry 5 yards.
	Dund.....		.....	2	.....	.....	96	2	Dry, left a cotton field.
	Maroo-ka-Gote.....	N. 20 W	.....	4	.....	.....	96	6	10 Houses on the right.

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 12th Feb.	Dund.....			2			97	....	Dry 4 yards.
	Jooned Keria-ka-Gote.			2			97	2	15 Houses.
	Dund.....			2	1		99	3	Old and almost filled up.
	Dund.....			3			99	6	A bank across it, dry ; Tamerisks and Kareels.
	Dund.....	N. 10 W	1	3			101	1	Dry, Jam wah to this Rustum Khan's, the Dund is 12 yards wide, and seems to be in the bed of a former river ; to this ground stony but hence becomes sandy.
	Dund.....	N. 20 W	1	6			102	7	Old, Dry, jungle, sand.
		N. 10 W	2	5			105	4	Jungle.
	Wahur Summee-ka-Gote.		2	4			108	....	10 Houses, wells ; fields right and left.
	Bawana-ka-Gote.....	N. 40 W	1	7			109	7	1 Shop, 20 houses, a small supply of every thing.
		W.		2			110	1	Fields right, jungle left.
		N. 40 W		5			110	6	
				1½			110	7½	Mobarik-wah, narrow but deep, fields ; on the left, south of the dund a small village with 5 houses.
	Dund.....	N. 50 W		3½			111	3	Dry.
	Dund.....	N. 70 W		4			111	7	Dry, Kooshal-ka-Gote 7 or 8 houses, on the left 2 furlongs, fields about the vilage.
		W.	1	2			113	1	Right 2 furlongs, a Mussulman tomb, large and conspicuous.
	Dund.....	N. 70 W		7			114	....	Dry, a large Tope of Tamerisks.
		N. 40 W		2			114	2	Dense jungle.
	Syed-ja-Gote.....	N. 20 W	1	4			115	6	5 Shops 40 houses, 1 Musjeed, 2 kutchas wells, Meer Noor Mahomed.
	Dund.....	N. 30 W		7			116	5	Dry.
	Dund.....			6			117	3	Dry.
	Fakir-ka-Koeh..			3			117	6	15 Houses, 1 Musjeed, 2 shops, 2 kutchas wells, scattered.
	Dund.....	N. 40 W	1	2			119	....	Dry, a large Peelew tree on each side of where the road passes, the Dund is large from old Kaloras times, and probably a bridge was in this place, Peelews.
	Jut-ka-Gote.....		1	3½			120	3½	Camel herd's village, 10 houses.
	Dund.....		1	3			121	6½	Old and dry.
	Dund.....			3			122	1½	Large, 25 yards broad, old.
	Shekul Musree-ka-Gote..	N. 20 W	1		30	2½	123	1½	140 Houses, 1 Musjeed, 2 pukka wells, 1 Temple, 7 shops, Bajree 16 Pahteas, Ata 8 seers curby dear ; hills bearing S. 80 W. to west, people say that these hills are over Schwan (people said 12 coss off,) I should think 9 to 12 miles.
				1			123	2½	Sandy descent.
	Dund.....	N. 30 W	2	4			125	6½	1 Furlong broad, dry, probably a branch of the river, sand.
	Ruins of Halleh-ka-Gote.		1				126	6½	A Musjeed, sand.
	Nulla.....			2			127	½	Among the sand hills.
		W.		1			127	1½	Sand hills.

Date.	OBJECTS.	General Di- rection.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Mile s.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 12th Feb.		N. 20 W	1				127	2½	Sand hills.
		N. 10 W	3				127	5½	Ditto.
		N.	2				127	7½	Ditto.
		N. 10 W	2				128	1½	Ditto.
		N. 40 W	4				128	5½	Ditto.
			2				128	7½	Ditto, a dry field or two.
			3				129	2½	To this from the last notation, apparently the bed of a River.
	Nulla		4				129	6½	Dry, Tamerisks.
		N. 60 W	2				130	½	Another bed of a river 1 furlong broad.
	Dund		6				130	6½	Dry, 10 yards broad.
			3				131	1½	Tamerisk.
			2				131	3½	Another bed of a river, high bank.
		N. 40 W	2				131	5½	A Dund running parallel with the road, 20 yards on the left, dry, right fields.
	Dund		2				131	7½	Dry,—Sand hills.
	Ruins of a Village.		2				132	1½	
			6				132	7½	Another bed of a river, cultivation.
	Dund	N. 5 W	4				133	3½	Old, dry and filled up, right 4 furlongs, Moharo ja-gote, 15 Houses.
		N. 20 W	4				133	7½	Sand.
		N.	2				134	1½	Ditto.
		N. 20 W	1				134	2½	Ditto.
	Fakir-ka-Dehra	N. 40 W	1	3			135	5½	8 Houses, on the right a Fakirs Tomb, Meer Noor Mahomeds; well water, in the time of the Kaloras plenty of water, here the land rises as from an old river bed, up a bank, 15 or 20 feet high and then passes along a superb plateau of level ground.
		N. 20 W	1				135	6½	
	Dund		4				136	2½	Old and filled up.
	Dund		7				137	1½	Small, old.
	Dund		2	1			139	2½	Dry.
		N.	2				139	4½	Left Baree-ka-Gote, 100 houses, 4 shops, fields, 1 pukka well a dund on the east water.
		N. 30 E.	2				139	6½	Right Dehree on Ja-Gote, 10 houses, a dund dry.
	Dund		2				140	½	Dry.
	Huts		1				140	1½	Of Dehrees.
			1½				140	3	Left, a tower, high, bears N. 70 W.
	Dund		5				141		Dry.
	Dund		1				141	1	Dry.
			1				141	2	Tower bears west.
		N. 20 W	5				141	7	
	Dund		3				142	2	Dry.
		N. 30 W	6				143		Right Humree-ja-Gote, 1 shop, 15 houses, 10 kutcha wells.

Date.	OBJECTS.	General Di- rection.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 12th Feb.				5			143	5	Left 2 furlongs, cultivator's houses, jungle and fields.
	Dund.....	N. 20 W		3			144		Dry.
		N.		1			144	1	
		N. 10 E.		1			144	2	
	Dund.....			1			144	3	Dry, in this plain the people use small carriages to convey the Juwarree from the field to the village, but not for journeys.
	Pubsa-ja-Gote.....			7			145	2	15 Houses.
	Dund.....			1			145	3	4 Yards, dry.
	Pubsa-ja-Gote.....	N.		2			145	5	15 Houses, 3 Shops, Bajree as in camp, formerly curby very cheap, 20 villages about here, bears the name of Pabsa-ka-Gote, in fact the whole place; there was a good deal of jungle about our encampment but the horses got water from the Dund above remarked, which was not quite dry in places.
				1	22	4½	145	6	No scarcity of any thing, because supplies came from the other villages.
									Sehwan, 6 Coss S. W.
									Lalloo, 8 Coss N. E. by N.
									Meetanee, 12 Coss N. W. by N,
									Halla, 24 Coss S. by E.
									Sukkerund, 12 Coss S. S. W.
									Ahmed lazee- } ka-Shehr, } 4 Coss S.
									Dowlutpoor, 4 Coss W. S. W.
									Mohra, 8 Coss W. N. W.
									Nowshara, 14 Coss N. N. W.
									Mugga, 22 Coss N.
									Bellanee, 20 Coss N. N. E.
									Hingoorja..... N.
									Gumbut N.
									Khyrpoor, 50 Coss N. N. E.
									Wudda Paguah, 8 Coss N. N. W.
									Indus, 5 coss E.
									Hydrabad, 50 Coss S. S. E
	Dund.....	N. 10 W		6			146	4	Dry, 5 yards.
				1			146	5	Right Ryots houses.
	Dund.....	N. 10 E.		1			146	6	Dry 7 yards, left Dulloora Gote; 15 houses, fields.
		N.		2			147		Tamerisk.
	Dund.....			3	1		150	1	12 Yards dry.
	Kaikat-ka-Gote.....			2	1		153	2	20 Houses, 1 kutch well on the left 100 yards.
					3		152	5	5 Houses, left.
	Bricks &c.....			2			152	7	Left Peelews and Kareels.

Meer Noor Mahomed.

Meer Noor Mahomed.

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs.	Miles.	Furlongs.	Miles.	Furlongs.	
1840. 12th Feb.	Dund.....		1	7	.....	.....	154	6	Dry, 15 yards, old. From hence Meer Roostum Khan's.
		N. 10 E.	1	.....	.....	.....	155	6	Left 1 furlong 1 kutcha cooa, 15 houses, of Ryots, Goat-herds, &c. jungle, Kareels, Khairs.
				5	.....	.....	156	3	10 or 15 huts of Camel herds, left.
				1	.....	.....	156	4	Bajree Fields.
	Dund.....	N.		3	.....	.....	156	7	2 Yards, old.
		N. 20 W		6	.....	.....	157	5	
		N.		2	.....	.....	157	7	
	Dund.....			2	.....	.....	158	1	2 Yards, old.
	Bulladun-ja-Gote.....			2	.....	.....	158	3	10 Houses, 1 kutcha well, camel and goat herds.
	Tombs.....			4	.....	.....	158	7	Dund old dry, 2 yards.
	Dund.....			5	.....	.....	159	4	Old, dry.
	Dund.....			3	.....	.....	159	7	Old, dry.
		N. 20 W		1	.....	.....	160	.....
	Dund.....	N.		1	.....	.....	160	1	Old dry.
	Dund.....			6	.....	.....	160	7	10 Yards, old and dry.
				6	.....	.....	161	5	Left 2 furlongs Weesen-ja-Gote, 12 houses, goat and camel herds.
				3	.....	.....	162	.....	Right 50 yards, 1 house, water brought from a well 4 furlongs east of the house, left, ruins of a village with a tower &c., the herd is a civil man.
	Dund.....		1	5	.....	.....	163	5	Dry and old; on the right 2 furlongs a bed of a river running south 2 or 3 furlongs broad.
				3	.....	.....	164	.....	Crossed above.
	Ruins of a Village.....	N. 40 E.		2	.....	.....	164	2	
	Phoolun ka-Shebrey.....			1	.....	.....	164	3	Kutcha well.
				3	19	.....	164	6	Camp, 100 houses, 12 shops 4 pukka wells, dund east of village with water. Seems to have been a much larger place, 2 Musjeeds, Meer Rustum Khan's; on the N. of the village Mussulman Tombs.
	Dund.....	E.		1	.....	.....	164	6½	Water.
		N.		1	.....	.....	164	7½	
		N. 10 W		2	.....	.....	165	1½	Fields.
	Gote.....	N. 20 W		4	.....	.....	165	5½	30 Houses left of road, inhabitants from Phoolun; fields.
		N. 10 W		3	.....	.....	166	1	
	Dund.....			1	.....	.....	166	1½	Dry, fields.
	Dund.....		1	6	.....	.....	167	7½	Ditto.
		N.		3	.....	.....	168	2½	2 Furlongs left a water wheel.
	Dund.....			3	.....	.....	168	5½	Dry.
	Dund.....			2	.....	.....	168	7½	Water 4 yards, 2 feet, no Bridge.

Date.	OBJECTS.	General Di- rection.	Distances.						REMARKS.	
			Objects.		Stages.		Total.			
			Miles.	Furlongs.	Miles.	Furlongs.	Miles.	Furlongs.		
1840. 12th Feb.	Syedon-ka-Gote.....			1½			169	1	10 or 12 houses.	} Fields.
	Machuan-ja-Gote.....			½			169	1½	Ditto.	
	Dund.....	N. 20 W	1	3			170	4½	Dry, small fields.	
	Ryot's Houses.....	N.		6			171	2½	7 or 8 houses on left, 4 furlongs on the left, trees, in which is the burial ground of Nowsharah, which is a mile off.	
	Nowsharah.....									
	Dund.....			2			171	4½	Dry, 20 yards right a Sahejon-ja-Gote, 12 houses, Tobacco fields.	
		N. 10 W		2			171	6½		
		N.		2			172	½		
		N. 20 W		1			172	1½		
		N.		1			172	2½		
		N. 40 W		1			172	3½	1 Furlong left, village, 30 houses, 2 shops, Dehru on ja-Gote, on the north of the village is a tank in which there is water supplied from a dund.	
		N.		4			172	7½	Fields.	
		N. 20 W		4			173	3½		
		N.		2			173	5½	Fields.	
		N. 30 E.		2			173	7½		
		N. 40 E.		½			174	.....	A pukka well left of the road.	
		N. 20 E.		1			174	1		
	Kye.....	N. 40 E.		1½			174	2½	12 Yards, water, bridge over dund at commencement is 2 feet wide, 1500 houses, 150 shops, a School, Indus 8 coss East; in the centre of the town a tank supplied by a dund.	
				2			174	4½	End of Kye.	
		N. 30 E.		1			174	5½		
		N. 40 E.		1			174	6½		
	Dund.....			2			175	½	Dry lately, bridge.	
		N. 30 E		1			175	1½	Jungle Tamerisk.	
	Homes.....			4			175	5½	12 Houses, Ryot's, left.	
				1			175	6½	30 Houses, 1 furlong right.	
		N. 40 E.		5			176	3½		
	Dund.....			1			176	4½	Dry.....	} Small.
	Dund.....			1			176	5½	Ditto.....	
	Syedon-ka-Gote.....			2			176	7½	On the left of road, 50 houses, 1 shop, 2 Mu-jeeds, Tobacco.	
	Dund.....			3			177	2½	Water, bridge, small dund.	
	Dund.....	N. 25 E.		1			177	3½	5 Yards, water, bridge.	
		N. 70 E.		5			178	½		
				5			178	5½	Right 1 furlong Beree-ka-Sheh, 200 shops, 2000 houses, but not certain as to extent, as old as Nowshara; there is a fakir's place east of town among some Tombs in which travellers put up, a dund runs near.	
		N. 20 E.		2			178	7½		

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs.	Miles.	Furlongs.	Miles.	Furlongs.	
1840. 12th Feb.	.....	N. 40 E.	.....	4	.....	.....	179	3½	
	Dund. ....	.....	.....	1	.....	.....	179	4½	Dry.
	Salt pans.	N. 30 E.	.....	5	.....	.....	180	1½	Known by 3 long beams used in raising the salt from the pit.
		N. 70 E.	1	4	.....	.....	181	5½	1 Furlong right, 1 pukka well.
		N. 30 E.	.....	1	.....	.....	181	6½	A bed of a river about 2 furlongs broad with an avenue of Madar bushes.
		N. 70 E.	.....	1	.....	.....	181	7½	
	Munga-ka-Tanda.	N.	.....	4	17	5½	182	3½	Encamp East, 15 houses, 5 shops river 8 coss off 4 pukka wells, plenty of a kutcha cultivation, supplies, curby cheap. Meer Rustum Khan's.
19th Feb.	Dund. ....	.....	.....	½	.....	.....	182	4	Dry, East and West.
		N. 40 W	.....	½	.....	.....	182	4½	
		N.	.....	2	.....	.....	182	6½	Right, fields, dry nulla 2 yards long W. to E.
		N. 40 E	.....	2	.....	.....	183	½	
		N.	.....	1	.....	.....	183	1½	
		N. 40 E.	.....	1	.....	.....	183	2½	
	Dund.	N.	.....	4	.....	.....	183	6½	Water, bridge, 5 yards W. to E.
	Daim Laka-ja-Gote. ....	.....	.....	½	.....	.....	183	7	40 Houses, 1 Musjeed.
	Syed Khan Laka-ja-Gote. ....	.....	.....	4	.....	.....	184	3	Left, 3 shops, 100 houses, 1 Musjeed, 1 pukka well.
	Dund.	N. 40 E.	.....	1	.....	.....	184	4	Water, 5 yards W. to E. no bridge, 2 feet water.
	Bullua-jo-Gote. ....	.....	.....	1	.....	.....	184	5	40 Houses, 2 shops, 1 Musjeed, 1 pukka well, 1 pagoda.
	Bazeedpoor Gote. ....	.....	.....	2	.....	.....	184	7	Left, 100 houses, 7 shops, 1 pukka well, 2 Musjeeds, fields right.
	Dund. ....	.....	.....	3	.....	.....	185	2	Water, bridge 3 yards.
	Syedpoor. ....	.....	.....	1	.....	.....	185	3	30 Houses 3 shops
	Syed Shoojah-ka-Gote.	N. 30 E.	1	.....	.....	.....	186	3	140 Houses, 5 shops, 3 pukka wells, 3 Musjeeds, 2 pagodas.
	Dund.	N.	.....	3	.....	.....	186	6	5 Yards, dry, bridge.
	Dund.	N. 20 E.	.....	1	.....	.....	186	7	2 Ditto ditto, fields on both sides.
		N. 40 E.	.....	3	.....	.....	187	2	Loose sand.
		N. 10 E.	.....	3	.....	.....	187	5	
		N.	.....	5	.....	.....	188	2	
	Dund. ....	.....	.....	½	.....	.....	188	2½	Dry, 1 yard, W. to E.
		N. 40 E.	.....	3	.....	.....	188	5½	Loose sand.
		N. 35 E.	.....	4	.....	.....	189	1½	
		N. 40 E.	.....	4	.....	.....	189	5½	Left.
	Hulliaun-ka-Gote. ....	.....	.....	3	.....	.....	190	½	125 Houses, 12 shops 4 Musjeeds, 2 pagodas, 4 Pukka Cooa, on the right is a little Tamerisk jungle.
	Dund.	N. 20 E.	.....	1	.....	.....	190	1½	Dry, 15 yards, Saparawah, pukka bridge.
	Gedgah. ....	.....	.....	2	.....	.....	190	3½	
		N. 40 E.	1	.....	.....	.....	191	3½	Sand and Tamerisk jungle.

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 19th Feb.	Dund.....			3			191	6½	2 Yards, W. to E, dry.
	Ruins of a Village.....			1			191	7½	Right, Fakirs tomb.
	Bellianee.....	N. 50 E.		2			192	1½	1000 Houses, 55 shops, 6 Musjeeds, 5 pukka wells, plenty of kutcha; river 3 coss off.
	Dund.....			1			192	2½	10 Yards dry, pukka bridge.
		N. 40 E.		3			192	5½	A bed of a river, 2 furlongs broad, W. and E. coming from one running N. and S., 1 furlong, left, in the middle of the bed.
		N.		1			192	6½	
		N 40 E.		3			193	1½	3 Furlongs left, Mussulman tomb, Peer.
		N. 30 E.		3			193	4½	
		N 20 E.		2			193	6½	
	Diwan-ja-Gote.....			7			194	5½	50 Houses, 2 shops, 2 Musjeeds, 2 pukka wells and kutchas, no dund near and no fields, jungle and sand.
	Dund.....			4			195	1½	W. to E. dry, 4 yards.
				7			196	½	Left, 1 furlong, Alliar Shah's tomb.
	Dund.....			3			196	3½	Dry, 5 yards, W. to E. broken pukka bridge.
				2			196	5	Right jungle, and probably fields beyond.
		N.		1			196	6½	
	Dund.....			½			196	7	Named Mehrab Wah, just dry, 10 yards. bridge, W. to E. fields.
		N. 30 E.		1			197		
		N. 50 E.		3			197	3	
	Dund.....	N. 20 W		1			197	4	4 Yards, Dry, W. to E., Bullock shed, fields
		N.		1½			197	5½	
				1			197	6½	Pukka well, right, with wheel.
	Dund.....	N. 40 E.		4			198	2½	5 Yards just dry, left bridge, fields.
		N. 10 E.		2			198	4½	Right pukka well and wheel, right of it a small village of 15 houses.
	Dund.....	N. 10 W		1			198	5½	Old, Dry, 3 yards.
		N. 40 W		1			198	6½	
		N.		1			198	7½	
	Ruins.....	E.		6			199	5½	1 Furlong right, Munga Potra, part of the old river on the left, north to east.
	Munga Pootra.....	N. 20 E.		1			199	6½	
				2	17	5	200	½	Camp, Jungle, Munga Pootra, 1 furlong South of the camp, Meer Ali Morad's, 100 houses, 7 shops, 3 pukka wells, good water, 2 Musjeeds a few fields, the force proceeding to Hyderabad in January 1839, went to a village 3 coss west of this and returned; Indus 6 coss.
	Jesshur-ja-Gote.....	N. 30 E.	1	3			201	3½	Fields, 40 houses, 4 shops, 2 pukka wells, 1 Musjeed.
	Hingoorja.....	N. 40 E.		5			202	½	A Dry tank to the S., Indus 7 coss, 1000 houses 100 shops, 30 Musjeeds, 15 pukka wells, and plenty of kutcha, supplies, bed of a nulla.
		E.		2			202	2½	

Date.	OBJECTS.	General Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
184 19th Feb.		N. 10 E.	1				202	3½	
			1				202	4½	Dry, 4 yards, W. to E.
		N. 40 E.	3				202	7½	Left, a Peer's Grave, right a tank, water now but will soon dry up.
			1				203	½	Pucka well and wheel, fields.
	Dund.....		2	2			205	2½	Mand Wah dry, 20 yards north to south. On the left is a water wheel, belonging to a village 2 furlongs right.
	Dund.....	N. 70 E.	1				205	3½	2 yards, dry, north to south.
		N. 40 E.	2				205	5½	
	Gude-ja-Gote.....		1	3			207	½	100 Houses, 12 shops, 4 Musjeeds, 2 Hindoo Temples, 4 pucka wells, Ali Morad Khan's.
			1				207	1½	Bed of a former branch of a river, N. W. to S. E.
	Dund.....		1				207	2½	4 yards, dry N. to S.
	Dund.....		½				207	3	Small, dry, W. to E.
			½				207	3½	Pucka well, right.
			1				207	4½	Right, 1 furlong village of 15 houses.
	Dund.....		5				208	1½	Dry, 8 yards, W. to E.
	Dund.....		5				208	6½	2 Yards dry, W. to E. Bajree and Joaree fields.
	Dund.....		6				209	4½	7 Yards, W. to East.
	Raneepoor..		½				209	5	1000 Houses, 100 shops, right of road, 30 Musjeeds, Meer Ali Morad, plenty of wells, supplies, a tank on the W.
	End of Raneepoor.....		4				210	1	
			1				210	2	Bed of a former river N. W. to S. E.
	Dund.....		1				210	3	Gunda Wah, pucka bridge, dry W. to E. 8 yards, fields.
			3				210	6	Pucka well, wheel.
	Dund.....	1	1				211	7	Dry, 2 yards, W. to E.
	Dund.....		1				212	....	Do. Do. Do.
	Dund.....		3				212	3	Do. Do. Do.
	Bheer-ja-Gote.....		1				212	4	20 Houses, 1 pucka well, outside 1 furlong, well, dund.
	Dund.....		1				212	5	2 yards, dry, W. to E.
		N. 20 W.	2				212	7	
		N.	1				213	..	
		N. 20 E.	1				213	1	
			7				214	....	In these 7 furlongs there are 8 pucka wells and 5 dunds, dry, and bridge over all, and all run from N. to S. fields.
	Dund.....		4				215	4	Dry 5 yards, 50 yards to the right, is Gunobut, 2000 houses, long Bazaar, every thing; to the west is a dund.
		N.	4				215	....	Length of town.
		N. 20 W.	1	4			216	4	
	Kora.....		3				216	7	300 Houses, 60 shops, 20 pucka wells, long, 20 Musjeeds, 1 Dewan.

Date.	OBJECTS.	General Di- rection.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
1840. 19th Feb.				1½			217	½	
		N. 5 E.		½			217	1	Camp north, Indus 6 coss off, Mustika Tanda 6 coss to the eastward, and Khyrpoor 6 coss from that.
	Dund	N. 40 E.	2	7			220		2 Yards, water bridge, W. to E.
	Dund		1	3			221	3	5 Yards, bridge dry, W. to E.
	Dund		1				222	3	Dry, Sajarah Wah, pukka bridge bad.
	Durgahi Shajara			3			222	6	A few houses, 1 shop, 1 Musjeed.
			2	5			225	3	A road to the right going to Messtah Khan, Tanda 2 coss.
		N. 20 E.		1			225	4	Graves right, left Gote, 10 houses.
		N. 30 E.	1	3			226	7	Dry bed of a river, N. W. to S. E.
		N. 75 E.		2			227	1	
	Dund			4			227	5	2 Yards dry.
		N. 40 E.	1	5			229	2	Left a Ryot's house, fields.
	Nubee Bux-jo-Gote	N. 10 E.		5			229	7	25 Houses, 1 pukka well, a good Bungalow such as the Ameers build.
		N. 50 E.		6			230	5	Right 1 furlong small village, 30 houses, dund 1 yard and a bridge, fields.
	Phoolpotra			7			231	4	Left, 20 houses, 1 Musjeed right, 2 furlongs Gote, 50 houses.
	Dund			1			231	5	Dry W. to E.
	Dund			4			232	1	Sand, a nulla jungle, high grass.
	Gardens and Tombs		2	6			234	7	The same sort of country.
				3			235	2	Indigo fields right and left.
	Dund			1			235	3	Meer Wah, no bridge, W. to E., water 25 yards broad, 2 feet, water.
	Khyrpoor	N.	1	3			236	6	Here Khyrpoor begins.
				1			236	7	Ends. Camp.

ROUTE FROM HYDERABAD TO DEESA, VIA WANGA BAZAAR AND
NUGGUR PARKUR,

Measured with Perambulator by private guide in the month of November 1843.

District.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Meer Nusseer Khan ka.	HYDERABAD FORT.						
	Khera Jumalee-ka-Gote.	S. 39 W.	2	4½	Abundant from the Fulalee river.	5 Shops.	15 Houses chiefly Banians, road good, @ 5½ furlongs cross wet ditch, from the town, @ 7½ furlongs a dry nulla, @ 1 m. 3½ f. cross another. Hills commence on right.
	Alipoot-ka-Gote	S. 20 W.	3	6	Ditto....	None.	8 Huts sindian, road good through thin jungle of Jow and Baubool, hills continue on right about 4 furlongs off
	Memon Quahja-ka-Gote.	S. 13 E.	....	5	Ditto....	Ditto....	5 Huts fishermen's, cultivation of Joar, Mutt, Bajree &c., road and country as before, hills continue on right.
	Balooch Pailwan-ka-Gote	S. 37 W.	....	7	Ditto....	Ditto....	8 Huts, and a square building formerly used by the Ameers as a pagah for 100 horse, cultivation, irrigated from the river Fulalee which runs close on left, pays revenue to Government of ¼ of produce; @ 1 furlong cross a small dry nulla, which comes from the hill.
	Sorun-jo-Gote	Ditto ..	1	3	Ditto....	One Shop ..	20 Houses, Musulmen, cultivation on the banks of the river, road good, country level, with small peloo jungle scattered.
	Sorun-jo-Gote	S. 37 W.	....	....	From Fulalee River.	Three Shops.	Small village of 20 houses on the Fulalee, cultivation about the villages, the produce of which one ¼ is exacted by Government as revenue; country level, with small jungle scattered.
	Barunjee Vussee	S. 19 E.	1	1	Ditto....	One Shop ..	8 Huts, cultivation &c. as before, road good, high sand hills to the right.
	Shaik Faqueer-ka-Gote..	S. 30 W.	4	5	Ditto....	None.	30 Houses, here is a square building for a pagah of 50 horse, road good, cultivation @ 4½ furlongs cross a dry nulla, 12 yards wide; @ 6 furlongs commence a shikargah one mile long on left bank of Fulalee; right @ 2m. 5f. pass a tank in a valley surrounded with trees of Jow and Baubool.
	Memonjee Vussee.. . . .	Ditto ..	....	7	Ditto....	Ditto....	5 Shepherds huts, pasture land, road good, country thin jungle; @ 4½ furlongs cross nulla, and tank dry on right.
	Bahchosee Lukee-ka-Gote	S. 12 W.	1	....	Ditto....	Ditto....	12 Houses, road and country as before, @ 6 furlongs pass the village of Noorge Peer, on left bank of the Fulalee.
	Moojawur-ka-Gote	Ditto ..	....	6	Ditto....	Ditto....	Cross the Fulalee to this place which is 25 yards wide with a stream of water running close west, ford easy. The Goonee river joins the Fulalee on left, cultivation.
	Jaun Mahomed-ka-Gote } or Mahomed Khan-ka-Tanda	S 61 W.	4	4	Goonee river	50 Shops. ..	Small Town containing about 500 houses on the left bank of the river, supplies, water and forage in abundance, good deal of cultivation about here; @ 3½ furlongs cross a small nulla, @ 4½ furlongs cross another, @ 2m. 2f. cross a third small dry nulla, 2m. 5f. cross a large nulla dry, @ 3m. 2f. pass piles of salt on right, encamping ground good in a tope of Mango trees near the river 20 horsemen of the Collector's reside here.
	Vungee-ka-Gote	S. 53 W.	3	6	Ditto	None.	15 Houses, the Goonee river runs on left a little way off the road, cross 5 nullas or canals on this march, road good.
	Jooma Ahburea-ka-Gote.	S. 53 W.	1	....	Goonee river and two nullas.	One Shop ..	8 Huts, cultivation of grain &c. ¼ of produce is paid to Government, belongs to Jaun Mahomed, country open.
	Nuzurpoor	S. 50 W.	3	6	Ditto....	Two Shops..	40 Houses, on the right if the river cultivation, pays revenue ¼ of produce to Government, road good, pass 3 small dry nullas.

District.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Meer Nusser Khan ka.	Quahja Jaum-ka-Gote ..	S. 61 W.	1	2½	Goonee river and two nullas.	None	10 Huts on right of the Goonee river cross two small dry nullas, and the Reyn river, which during heavy rains overflows the adjacent country.
	Sikh-ka-Gote	S. 86 W.	1	½	Ditto....	Three Shops.	40 Houses of Musulmen and Sikh cast, cultivation, the Goonee river running on left, cross 3 dry nullas.
	Summun-jo-Gote.....	S. 49 W.	....	6	Ditto....	None	16 Houses, river on left, cross two dry nullas, country covered with thin jungle and grass.
	Dull-jo-Gote	Ditto ..	....	7	Ditto....	Ditto....	7 Shepherd's huts, cross 4 dry nullas, pass Oomancee Rajote on opposite bank of the Goonee river.
	Oodahjah Noor-jo-Gote..	S. 59 W.	1	7	Ditto....	One Shop ..	40 Houses. The Goonee runs between this village, cross a nuddee here called "Reyn" over a bridge; pass the villages of Muzsee and Oodaja on right of road, and several dry nullas, road good in dry season.
	Ullyapur-jo-Gote	Ditto ..	1	1	Ditto....	None	20 Houses on right of Goonee, cultivation, cross a large dry nulla near the village.
	Sur dai Soomra-ka-Gote..	Ditto ..	....	6	Ditto....	Ditto....	10 Huts of Shepperds, on left bank of the Goonee, road passes thro' village, pass a dry tank on right.
	Hakim Syud-ka-Gote ...	S. 18 E.	....	3	Ditto....	Four Shops.	50 Houses, cultivation, encamping ground between the village and the river, road good.
	Rungee-jo-Gote.....	S. 55 W.	2	4	Goonee river	None	20 Houses on right of road, river on left about 3 furlongs distant.
	Dundai-jo-Gote	S. 86 W.	....	2	Ditto....	Ditto....	50 Houses, on right of Goonee river, cultivation.
	Pullun-jo-Gote.....	S. 13 W.	....	7	Ditto....	Ditto....	20 Houses, Musulmen, road good, cultivation near the village.
	Nareewala Boalooch- ka-Gote.....	S. 47 W.	1	6	Ditto....	Ditto....	20 Houses, on right of Goonee river-cultivation, pass two dry nullas.
	Jeeaut.....	S. 38 W.	1	3	Ditto....	Two Shops..	20 Houses, on the bank of the Goonee-cultivation about the village, @ 6 furlongs pass Syud Sahwoom's tomb.
	Soomrai-ka-Gote	S. 26 W.	3	6	Ditto....	None	8 Huts Musulmen, on right of road and the river Goonee, country covered with low jungle and bushes, pass 4 dry nullas.
	Sumon-jo-Gote	West.	....	6	Ditto....	Ditto....	8 Huts on right of Goonee river, road right of village, pass two dry nullas, cultivation.
	Chandnee	S. 33 W.	1	6	Ditto....	Seven Shops.	40 Houses, on right of river-cultivation of sugar cane, cross 3 dry small nullas, good encamping ground near river.
	Hatul-jo-Gote	S. 38 W.	1	7	Ditto....	None	7 Huts. The water, it was reported, is brought from a tank in a N. W. direction about ½ mile distant, and used instead of the river water.
	Hatul-jo-Gote	S. 64 W.	....	4½	Ditto....	Two Shops..	16 Houses on the Goonee, but water is used from kutchha wells about 3 furlongs N. E., road good, small baubool jungle.
	Kahraja-ka-Gote	S. 31 W.	1	....	From wells dug in b'd of the Goonee.	None	15 Huts, pass four dry nullas on this march, small baubool jungle.
	Memon-ka-Gote	S. 45 W.	1	4	Ditto....	Ditto....	8 Huts, cross the Goonee river here dry, cultivation.
	Nusseersa Syud-ka-Gote.	N. 61 W.	....	4	Kutchha wells east of village.	Ditto....	20 Huts road good passing thro' village, cultivation.

District.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Sher Mahomed and Nuser Khan ka.	Bhaugheh-ka-Tanda . . .	S. 77 W.	3	7	From a large Tank and several kutcha wells, good and plentiful.	40 Shops...	Large place, containing about 800 houses, supplies of flour, grain and forage abundant, road good, country interspersed with low Baubool and Peloo jungle, a good deal of cultivation, good halting ground right of village.
	Futteh Khan-ka-Gote...	Ditto ..	2	7	From wells, dug in bed of a large canal on right.	None.....	20 Houses, Musulmen, chiefly Carpenters, country as before. In the neighbourhood of this village the Sugar cane is cultivated.
	Khan Mahomed Peer-ka-Gote	N. 64 W	1	....	From pits dug in bed of a canal and a tank west of village	Ditto....	8 Huts, cultivation.
	Chundrah no Sher.....	S. 64 W.	1	2	From a canal in pits	Ditto....	8 Huts, country level and open.
	Mahaneah-ka-Sher.....	Ditto ..	1	....	Ditto....	Ditto....	5 Huts, Fishermen's, country as before, cross canal here dry.
	Myoodee-jo-Gote	S. 40 W.	....	5	From a Tank	Ditto....	10 huts, @ 2½ furlongs pass a tank on right with water, cultivation of Rice, Bajree, Moong &c., one fourth of the produce is paid to Government as revenue.
	Rajoree-jo-Gote	Ditto ..	1	2	Ditto....	One Shop ..	20 Houses, two furlongs right of road.
	Allaruckeah-ka-Gote	S. 50 W.	1	7	From pits in bed of a dry tank	None	10 Huts, Sugar cane cultivation, cross a nulla, dry.
	Shah Allum-ka-Gote	S. 31 W.	2	2	Ditto....	3 Shops...	35 Houses of Banyans, Muselmen, road good.
	Dhobuneah-jo-Gote.	S. 66 W.	5	3½	From pits in bed of nullas.	One Shop ..	5 Huts, Cowherds, cultivation, country more jungly, cross 3 dry nullas on this march.
	Syud Kalifa-ka-Gote	S. 57 W.	3	0½	Ditto....	None	10 Huts, cultivators and shepherds, country jungly.
	Wanga Bazaar.....	S. 18 W.	1	4	Pooran river, in pools.	11 Shops. ..	Large village on the bank of Pooran river, country covered with Baubool jungle. The guide reports that he found on his return the Proun river dry, but water plentiful and good in pools in the bed of the river.
	Total to Wanga.....		83	1½			
	To Nuggur Parkur, vide Route from Nuggur Parkur to Roree. }		112	6			
	To Deesa, vide Route from Deesa to Vee-rowow..... }		100	4			
	Total.....		296	3½			

ROUTE FROM HYDERABAD TO AHMEDABAD.

Civil Authorities.	STAGES.	Distances.		REMARKS.
		Miles.	Furlongs.	
	Hyderabad to Wanga Bazar, vide the preceding Route	83	1½	
	Ahmedabad	280	1	
	Vide Route from Ahmedabad to Roree			
	Total.....	363	2½	

ROUTE FROM HYDERABAD TO DEESA, VIA, OMERKOTE.
Season 14th February 1844 at Omerkote, to 8th March at Deesa.

Political Authorities.	NAMES OF PLACES.	Time of				Distances		Direction.	REMARKS.
		Departure.		Arrival.		Estimated.			
		Hours.	Minutes.	Hours.	Minutes.	Miles.	Furlongs.		
Political Superintendent at Balmeer.	Hyderabad to Omerkote) Vide Page 44.....)	.....	.....	.....	.....	104	.....	East...	This distance measured with Perambulator.
	Beeotra.....	5	.....	7	15	9	.....	E. S. E	Off the road to the left and about 3 or 4 miles round, but at Namyer (the direct road) the water was reported very salt, and in no great quantity, entered upon the sand hills immediately on leaving Omerkote, which continue in undulations the whole way. The village, a few huts with one well of good water, which afforded sufficient for one Troop, supplies none, grass abundant.
	Maudoora.....	4	45	8	15	11	.....	.....	Road dreadfully hilly and sandy, a few huts, two wells of water, sufficient but salt, fine encamping ground, milk and butter procurable and grass plenty.
	Katheea.....	6	.....	7	10	4	4	.....	Over sand hills, but not so steep and high as before, a small village with one good well, it is on three distinct knolls on a sand hill.
	Chachera.....	3	.....	9	.....	22	.....	.....	A large village for the desert, affording some supplies, water good and plentiful from numerous wells, the road as before, but generally more level, the country covered with grass; at about 4 miles passed Mittree, with one well but little water, at 14 miles Nowapoor, rather a large village, and said to have no wells.
	Koora	5	.....	8	.....	10	.....	.....	NOTE. From Omerkote to this place has been measured with perambulator, and described by Captain Del Hoste in the route from Deesa to Sukkur <i>via</i> Veerawow and Omerkote, vide route from Deesa to Roree of the 6th N. I., in 1840, but at an earlier time of the season.
	Charnoor	3	.....	8	15	19	.....	.....	Four wells, but water very salt, milk &c. procurable, road better and more level, with a good deal of jungle in some parts, and in others traces of cultivation. Koodee 9 or 10 coss distant, it was thought the most direct road to Charnoor, would be through Surungyah, but the well had fallen in and had not been repaired.
	Urbelar.....	4	30	8	.....	12	.....	.....	No village, but a well affording plenty of excellent water, very deep, the village of Kaisur one coss on the left with wells, road sandy and undulating as before, half way a well, said to be good water.
	Jampalia.....	5	.....	8	.....	12	.....	.....	A few huts on a sand hill, a well of excellent water, said to be inexhaustible, the road harder and country more open, with less grass jungle.
	Bowar.....	5	.....	7	40	10	4	.....	A few huts as before, milk only procurable, one good well of sweet water, road good.
	Panooria.....	4	30	8	45	16	.....	S. E.	Small village, milk &c., one excellent well, road good, forage more scarce.
	Tampee.....	4	30	8	.....	13	.....	E. S. E	Large village, with three wells and plenty of water, Bajree procurable; at 9 miles pass Gungasurra, with well, the direct road of this march is through Baglia and 3 or 4 miles shorter, road good but heavy in parts.
	Isrel Gombee.....	5	.....	8	.....	11	.....	S. E.	A large village on a branch of the Loonee river, with drinkable water in holes and wells, country covered with wheat, supplies abundant; here enter Guzerat.
	Sachore.....	4	.....	7	.....	14	.....	.....	Two small villages, water abundant from wells, few supplies, but the country beautifully cultivated, at 7 miles passed Hotee, and crossed another branch of the Loonee, dry.

Political Authorities.	NAMES OF PLACES.	Time of				Distances.		Directions.	REMARKS.
		Departure.		Arrival.		Estimated.			
		Hours.	Minutes.	Hours.	Minutes.	Miles.	Furlongs.		
Political Agent at Palanpore.	Ninawau.....	4	....	6	50	10	4	.....	Few supplies, good water, road good.
	Dhunairee.....	8	....	7	....	13	6	.....	A Town affording all necessities; at about 11 miles, passed Dukka, road good, country jungly.
	Jeyrdah.....	4	3	7	45	11	4	.....	Road good, country jungly.
	Deesa Cantonment.....	4	30	7	20	9	1	.....	Crossed the Bunass river at 8 miles; at the village of Akole from Ninawa, measured distances have been inserted.
	Total.....					312	7		

N. B. The above Route from Omerkote is nearly a copy of the Memorandum of the march of the 3rd Light Cavalry from Hyderabad to Deesa, from the 7th February to the 8th of March 1844, furnished by Major C. Delamain, in Command of the Regiment, who also adds the following general observations, viz:—

This Route might, I think, at most seasons of the year be followed, with advantage over that by Wanga Bazaar. The sand hills, of *difficulty*, extending only two marches, viz, from Omerkote to Maudoora, whereas, along the northern bank of the Runn, they are of very much greater continuance.

With a little attention to wells no difficulty would exist in regard to the *quantity* of water, and its being brackish does not amount to a serious objection, grass this year was abundant throughout the Thurr.

The deviations from the direct road as shewn in this route, some of which were casual, and others made with the view of obtaining a better supply of water, have doubtless increased the distance from 25 to 30 miles in the aggregate, but probably might be all avoided under the advantages of a less demand for water and a better knowledge of the country.

A cart having accompanied the Regiment the road is, no doubt practicable for Artillery throughout.

Qr. Mr. Genl's Office, }
Bombay 13th April 1844 }

(Signed) F. HOLLAND, Major.
Actg. Qr. M. Genl. of the Army.

(Signed) C. DELAMAIN, Major.
Comg. 3rd Regiment Lt. Cavalry.

ROUTE FROM BHOJ TO HYDERABAD VIA BALLYAREE & RAOMA KA BAZAAR,

Surveyed by Bappoo, in February 1840,

District or Civil Authorities.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.		REMARKS.
			Miles.	Furlongs.		Shops.	Houses.	
Political Resident at Bhooj. } Officer Commanding.	Bhooj Camp Risalla Lines.....							Bhooj is the chief town in Cutch, and Mandavie the principal Seaport, the Province generally is but little cultivated. The greater part of the country being barren and unproductive.
	Koonreea.....	N. 20 E.	12	4	From a river a little distance on the west, and a well, water good and plentiful.	5	200	On left, encamping ground, on right near the well S. of village; road bad leading through a valley between high stony hills, and over several large nullas dry, supplies and forage procurable.
	Dhoree.....	N. 28 E.	2	6	From a well, plenty and good.	1	50	Small village 2m. 3f. from the Runn, high hills appear on right at a distance of about 3 miles; First part of road stony and bad, country hilly covered with grass and thin jungle, encamping ground north of village.
	Bindiario.....	N. 9 W.	16	7	From 5 wells, water a little brackish but plentiful.	1	20	Few herdsmen, at 2m. 3f. from Dhoree, road across part of Runn 3½ miles broad, then enter a tract of land called the Bunnee 17½ miles long; at this distance, again cross small branch of Runn 2 miles wide and one mile from Uglee Wand. Cross a small Beyt leaving Bindiario about 1½ mile long, road over firm soil, with thin jungle interspersed.

District or Civil Authorities.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.		REMARKS.
			Miles.	Furlongs.		Shops.	Houses.	
Political Resident at Bhooj.	Uglee Wand.....	N. 11 E.	9	4	From a well close and good.	....	30	Shepherds on right of road, and S. edge of the Pucham Island. The Gora hills to the right, road good and hard, country desolate, covered with grass and thin jungle.
	Kaora.....	N. 1 E.	4	2	From a tank full of water & good.	10	200	Large village in the Pucham, supplies and forage and water plentiful; encamping ground extensive near the tank, road bad crossing several dry nullas.
Resident at Bhooj.	Dinnara.....	N. 3 E.	3	3	From a well between road & village, Manjur river dry.	....	20	Few shepherds, high hills called Kaora to the right, road good passing little cultivation, country bare.
	Drobana.....	N. 25 W.	2	3	From a well N. W. of village.	2	20	On right of road, cross 3 nullas, halt here before crossing the Runn; The march should be commenced in the evening (taking a good supply of water,) so as to arrive at Ballyaree the next morning, making short halts on the Beyts or grass Tracts.
Assistant Collector at Wanga Bazaar.	Ballyaree.....	N. 27 W.	30	2	From 2 kutchas wells water brackish, tank dry.	9	19	With a mud ghurry, surrounded by sand hills, road to it winding, few supplies, encamping ground near the wells, but confined, cross 4 small Beyts; It is necessary for Troops going across the Cutch Runn to march in the evening, so as to reach opposite tank the following morning.
	Maireah.....	S. 67 W.	4	....	From kutchas wells.	....	15	Shepherds, road over many sandy plains, little cultivation and partially covered with jungle, country desolate.
Collector at Hyderabad.	Durburee.....	S. 71 W.	2	2	Ditto....	....	10	A few shepherds, road in valley between hills, a little cultivation near the village, country covered with small jungle and grass on the hills.
	Soorye.....	S. 87½ W.	9	3	From kutchas wells.	....	8	Herdsmen, on right, at 1 mile from Durburee pass 2 wells good water, at 4m. 5f. pass two more, road very heavy and fatiguing to man and horse, over sand hills, country bare. The Runn approaches close to the hills.
	Cuppye.....	N. 82 W.	1	4	From a well close on right of road.	....	5	Shepherds, on a sand hill little distance from the road on right, country barren with thin jungle and grass.
	Raoma-ka-Bazaar	N. 85 W.	10	2	From wells and tanks, water in tank brackish.	15	100	Large village, plenty of supplies of grain and water, encamping ground on right of village, road bad over sand hills, with small Leem and Baubool jungle and grass, some cultivation near this village.
	Wand.....	N. 56 W.	6	1	From a river with a bund across on right, supposed to be the Koree, water plentiful and good.	....	40	Musulmen, graziers, very poor, and scantily supplied with grain, the people are said to be disobliging, road same as last march.
	Kuddun.....	N. 38 W.	10	4	From a large nulla water plentiful and good, on right.	10	200	Large village, supplies and water plentiful, forage procurable at a high rate, encamping ground N. E. on bank of the nulla, road better thro' thin Baubool and Pelow jungle, and less sand hills.
	Meerpoor.....	N. 22 W.	4	1	Ditto....	1	20	Small village on left of road, and nulla, road crossing several small nullas, which often present difficulties to travellers.
	Oontwala-ka-Gote	N. 60 W.	3	2	From a well dug a few feet in dry bed of a nulla on left	....	5	Of camelmen, road better, country jungly, and grass.
	Hooda ka-Gote,	N. 5 E.	....	7	Ditto..	....	30	On right, road good, some fields of grain &c. near the village, thin jungle and grass scattered.

Civil Authorities	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.		REMARKS.
			Miles.	Furlongs.		Shops.	Houses.	
	Brought over.....		134	1				
	Lohanee.....	N. 35 W.	1	1	From kutchas wells in bed of a dry nulla on right	20	200	Large village, with plenty of supplies, water plentiful, encamping ground on a plain north of village, near some fields, road good through thin Baubool jungle.
	Budeenah.....	N. 29 W.	8	3	From pools in bed of a nulla, plentiful good, and from several kutchas well.	5	100	Moderate village, cross nulla to it, and encamp north of village on good and high ground, supplies abundant after giving notice, several nullas or canals occur in this march.
	Sobah-ka-Gote.....	N. 9 W.	1	1	From wells dug in bed of nulla on left.	....	20	Small village on right of road, thin jungle and grass scattered over the country.
	Thoor.....	N. 29 W.	....	7	Ditto..	....	30	Road and country as before.
	Baloo-ka-Sher.....	N. 5 W.	3	....	From holes dug in bed of a nulla near.	....	5	Shepherds, road bad, crossing over several nullas or canals, country covered with thin Baubool jungle.
	Hyder Khan-ka-Gote..	N. 33 W.	4	2	Ditto..	5	30	On left. The whole of the road much intersected by canals of different sizes.
	Sodai-ka-Gote.....	N. 5 W.	4	1	Ditto..	....	15	Small village. The whole of the road as before, country jungle and patches of grass.
	Jaun Mahomed-ka-Gote.	N. 17 E.	2	5	Ditto..	1	40	Encamping ground good north of village, little cultivation about the village, country producing thin jungle and grass, road crossing several canals.
	Tullar-ka-Sher.....	N. 15 W.	2	....	From wells in bed of a large nulla on right of village.	1	20	On right, road better, cross 2 canals, country as before.
	Chandea-ka-Gote....	Ditto..	3	1	From wells in bed of a large nulla on right of village.	2	25	Road bad over many small nullas, country open with little cultivation, some large trees of Baubool and Pelow interspersed with thin jungle and grass.
	Dunda-na-Gote....	N. 36 W.	4	1	From the Goonee river, water plentiful & good.	5	200	Encamping ground N. E. of village, supplies scarce, cross several dry nullas or canals, and at 1m. 1f. to Dunda na Gote, cross the Goonee, water 1½ feet deep, ford easy.
	Hakimance-ka-Gote....	N. 70 W.	3	....	Ditto....	15	200	Large village on left, supplies and water plenty, road bad crossing numerous dry canals, cultivation about the villages and bank of the canals, encamping ground between village and river.
	Surdai Soomrai-ka-Gote.	N. 39 W.	....	4	Ditto	2	40	On left of road, and close to the Goonee river, country scattered with thin jungle of Baubool.
	Nussanee-ka-Gote.....	N. 50 W.	2	6	Ditto....	....	15	On left, road very bad, over numerous dry nullas.
	Sikh-ka-Gote.....	N. 35 W.	2	6	Ditto....	....	10	On right of road and near the river, country producing thin jungle and grass, little cultivation.
	Nuzur Mahomed-ka-Gote	N. 74 W.	2	2	Ditto....	1	20	On left, road bad crossing many dry nullas, country partially cultivated.
	Mahomed Shah-ka-Gote.	N. 50 W.	4	....	Ditto....	....	7	On left, road good, crossing only two small nullas, country interspersed with small Baubool jungle, and little cultivation.
	Mahomed Khan-ka-Tanda	N. 36 W.	3	5	Ditto....	50	500	Small town on the bank of the Goonee river, encamping ground S. W. and N. E. of village, near river, supplies of all kinds to be had, country well cultivated, road good, crossing a few small dry nullas.
	Hoosein Lugaree-ka-Gote	N. 78 W.	2	8	Ditto....	6	20	On right of road near the Goonee, cultivation with thin jungle scattered.
	Carried over.....		190	0				

Collector of Hyderabad.

Civil Authorities.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.		REMARKS.
			Miles.	Furlongs.		Shops.	Houses.	
Collector of Hyderabad.	Brought over.....		190	0				
	Shaik-jo-Gote.....	N. 49 W.	5	2	From Fullailee river plentiful & good.	1	20	On right of road near river, @ 3 miles from Hoosein Lugaree, cross the Fullailee, ford easy, and the Tomb of Sbaik Shodeen on its right bank; Hills on left between these places.
	Vahan-ka-Gote.....	N. 33 W.	4	6	Ditto.....	1	25	At about a mile from last place, commence a shikargah extending nearly 2½ miles on right bank of the Fullailee, encamping ground north, between village and river, road good.
	Hosurree-ka-Gote.....	N. 24 W.	4	3	Ditto.....	15	200	Large village on right close to river, plenty of supplies and a good halting place, road good crossing, few nullas hills about 1½ miles on left.
	Suttai Khan Jumalee-ka-Gote.....	N. 20 W.	4	1	Ditto.....	7	40	On right, close to river, cross 2 small stony hills about half way, ascent and descent easy, country open and thin Baubool jungle, cultivation about the villages.
	Hyderabad small Fort. ...	N. 34 W.	2	....	Ditto.....	abundant		Large town, capital of Sindh; The fortress is on a steep rocky hill on right bank of Fullailee river. The residency is 3m. 2f. from the town, direction S. 76 W. and on the left bank of the Indus, Hyderabad is the Head Quarters of the Sindh Field Force.
	Total.....		210	4				

(Signed) R. H. MACKINTOSH, Capt.
Deputy Assist. Qr. Mr. Genl. N. D. A.

Deputy Assist. Qr. Mr. Genl's Office, N. D. A.
Camp Ahmedabad, 27th September 1844.



ROUTE FROM ISLAMCOTE TO HYDERABAD,

Surveyed by Bappoo, Private, Guide, in October 1843.

Civil District & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Collector of Hyderabad, British Territory.	ISLAMCOTE.						
	Kumrai-ka-Turr.....	N. 61 W.	10	....	From a kutcha well on left.	None	8 Straggling huts, halting ground near the well north, road very bad over sand hills and nullas, small bushes and grass in the village.
	Kukraulee.....	N. 16 W.	....	5½	From the above well.	Ditto....	4 Shepherd's huts, road and country as before, cultivation about the villages.
	Ukkairajee-ka-Gote.	N. 61 W.	1	3½	From a pukka well east of village.	Two Shops..	30 Houses on right of road, road good and open, encamping ground east under some trees near the well.
	Veesasur.....	N. 58 W.	4	3½	From a kutcha well N. W. water brackish.	None	12 Huts of Rajpoots, road bad over sand hills, and small jungle.
	Keekranee.....	N. 81 W.	1	2	From a kutcha well N. 52 feet deep, water good.	Ditto....	10 Huts of Shepherds, road over sand hills, country covered with small Baubool bushes and grass in the valleys.
	Mheyat.....	N. 5 E.	1	4½	From a kutcha well 16 feet deep, water brackish.	Ditto....	14 Houses of Rajpoots and Dhers, country as before, road good.
	Chelaur.....	N. 37 W.	7	6	From a tank 4 furlongs right of Fort, water plentiful, & tolerable	20 Shops. .	Contains 40 houses with a small pukka built Fort in good repair, halting ground near it, supplies procurable, road very fatiguing over numerous sand hills, covered with low jungle of Baubool and other bushes.
	Junjheer.....	N. 45 W.	8	3	From 2 pukka wells, one good, the other brackish, west of village	1 Shop	13 Houses of Rajpoots, road and country as before, cross a dry tank on left hand, encamping ground near the wells under Baubool trees.
	Sukerdeen.....	N. 82 W.	11	6	3 Kutcha wells on the N.W. 75 feet deep, water plentiful, but becomes brackish in hot weather, one well on right of good water near garden.	20 Shops. ..	Large village containing 107 houses, inhabitants of all castes and professions, supplies and forage plentiful; stage, encamping ground near the vegetable garden and well, and under trees, road heavy and bad over many sand hills. The Thull on right.
	Sowree.....	S. 85 W.	3	5	From a kutcha well N. W. of village, water little brackish.	None	8 Houses of Beloochees, jungle of Baubool, Peloo and Jow, cross two nullas, banks rather steep and difficult for cattle to cross, soil sandy, road better, the sand hills terminate at Sukerdeen.
	Usabo-jo-Gote.....	S. 77 W.	4	2	From a pukka well N. W. of place, water good.	Ditto....	10 Beloochees huts, country level but covered with jungle of Peloo, road good, belongs to Nusseer Khan; good halting ground near the well, under some large trees of Baubool and Leem.
	Rahmore-jo-Gote.	S. 54 W.	2	....	From 3 wells in bed of a tank N. W. water good, and plentiful.	Ditto....	23 Houses, Sindians, good ground for encamping near the wells, road good, country level, but jungly.
	Derraila.....	N. 80 W.	5	1	From a well in dry bed of tank, south.	Ditto....	10 Musulmans huts, country level, road through dense jungle of Baubool and Peloo on this march, encamping ground very good under large trees on bank of the tank.
	Jaun Mahomed Tal-poor-ka-Gote.....	S. 86 W.	15	4	Pooran river with one foot water in it.	20 Shops. ..	Large village containing about 140 houses of all castes, water and supplies abundant, country level and open, low Baubool jungle, road good; cross the river, and encamp on the village side, @ 9 miles cross a dry tank left, at 10m. 2f. a nulla and few huts of Fishermen's left, at 11m. 6f a small hamlet on left 4 furlongs off, called Kulloe-ka-gaum.
	Carried over.....		77	6			

Civil Districts & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Collector of Hyderabad, British Territory.	Brought over.....		77	8			
	Deetomair-jo-Gote	N. 73 W.	3	2	From a well in dry bed of a tank.	None	27 Straggling huts, Musulman, road and country as before, cross a dry nulla on road.
	Syud Arubshah-no-Gote.	N. 54 W.	2	6	From wells dug in bed of a large dry nulla, water good and plentiful.	One Shop. ...	40 Houses, all Musulman, road good through low jungle, cross three dry nullas cultivation about the villages.
	Noannee.....	N. 36 W.	.....	5	Ditto...	Two Shops...	41 Houses with a small mud Fort right of village, 1 inhabitants Beloochees and Coolies, ground for encampment on left of village, road good.
	Ajee Sheal-ka Gote.	S. 69 W.	1	1	Ditto... 3 furlongs right of village.	None	5 Huts, Sindians, cross Meer Nusseer Khan's nulla at Noannee, dry now, banks low.
	Ahvun Sindee-ka-Gote..	S. 65 W.	2	6	Ditto ..	Ditto....	5 Huts left of road, cultivation about the villages, cross three dry nullas,
	Goolam Chande-ka-Gote	S. 75 W.	1	2	From wells dug in bed of a large dry nulla 3 furlongs right of village, water good and plentiful.	Two Banians	13 Houses, of Beloochees, Loannas and Sindians, road good, cross a dry nulla, the country is tolerably cultivated about the villages, having many small streams or canals with low banks, which admit of irrigation.
	Mahomed Belooch-ka- } Gote..... }	N. 71 W.	3	4	Ditto...	None	7 Musulmans huts, jungle, cultivation here and there, cross 6 dry nullas on this march.
	Juskanee-jo-Gote.	N. 59 W.	.....	7	From 2 large dry nullas on right and left, wells dug in it, water good & plentiful.	Ditto....	7 Huts, Sindians, country open, low jungle, road good, Bajree, Moong, Jambab &c. is cultivated, one-fourth of the produce is exacted as the revenue to Government.
	Juskanee-jo-Gote....	N. 85 W.	2	1	Ditto...	Ditto....	7 Huts on right of road, road good, country covered with low Baubool, jungle and other bushes, cultivation about the villages.
	Phor Sindee-ka.....	S. 73 W.	1	1	From wells dug in dry bed of a nulla left, water good & plentiful.	1 Banian.	20 Houses, Musulman, left of road, road and country as before, with some cultivation.
	Goolam Ally-ka-Tanda..	N. 82 W.	1	6	Reyn river. and two wells puccain town good & plentiful.	12 Shops. ..	Large place of 168 houses, supplies, forage, wood &c. in abundance, cross the Reyn river close to, with stream of water one foot, about 110 yards wide, ford easy; road good, country level with jungle scattered, good encamping ground on left of village on the bank of the river; pass the village of Joonajay on left about half way.
	Guvur-ka-Gote..	S. 89 W.	2	1	Water brought from Dadhka-Sher, which is S. S. E. of this place, about 4 furlongs on left.	None	19 Houses, cross a nulla, road good, cultivation near the villages.
	Rohill Calroo-ka-Gote..	N. 85 W.	4	3	Pits dug in dry bed of a nulla near.	Ditto....	10 Huts Musulman, cross seven dry nullas on this march, road and country as before, little cultivation, ground good and extensive for halting S. of village; at 2m. 1/2 pass Mugureea Sindee-ka-gote 1/4 mile left of road.
	Shaik Beer-ka-Gote.	N. 45 W.	11	6	From a pucca well close on right of village, water good & plentiful.	8 Shops. ..	Moderate village of 90 houses, supplies procurable for a wing of Native Regiment, encamping ground extensive north, and near the well, the musjeed of Shaik Beer is very handsome; cross 6 nullas, road good, soil sandy, low jungle.
	Carried over.....		117	1			

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Collector of Hyderabad. British Territory.	Brought forward.....		117	1			
	Goolam Taimon-ka-Gote.	N. 47 W.	4	3	From wells dug in bed of a nulla right of village and close.	None	8 Huts; cross 6 small dry nullas, country interspersed with low Baubool jungle and other bushes, soil sandy; at 1m. 6f. pass Dundye Peer-ka Musjeed on right about two furlongs off the road.
	Gootana-ka-Gote.	N. 74 W.	3	1	Ditto ..	Ditto....	20 Houses of Musulmen, cross 5 dry canals, rather steep and difficult for camels to pass, country and road as before, pass at about half way the village of Mehrab.
	Joonaijay-ka-Gote	N. 61 W.	1	1	From a kutcha well on left of road, water good, and two canals.	Ditto....	15 Huts on right between two canals, cross four dry canals from last place, road indifferent.
	Mauchee-ka-Gote.	S. 69 W.	1	....	From wells dug in bed of the nullas.	Ditto....	5 Huts on left near a canal, road and country as before. The village of Mahomed Balooch opposite on right about half mile off.
	Veed-ka-Gote.	N. 57 W.	3	5	Ditto ..	Ditto....	10 Huts right of road, at 5 furlongs pass the small hamlet Oodaija, road as before over four nullas, banks rather steep rendering it difficult for cattle to cross; at 1m. 4f. pass the tomb of Shaik Raihan.
	Casum Faqueer-ke-Vussee	N. 89 W.	2	....	Ditto ..	1 Banian.	15 Huts on left of road, road indifferent on account of the several canals on the route, cultivation about the villages, ground for encamping on the north of village extensive.
	Kherah Jumalee-ka- } Gote..... }	N. 76 W.	3	1	Fulailee river, abundant	5 Shops..	15 Houses at foot of a hill, chiefly Banians; at 1m. 3f. come to the Fulailee river from where the road leads through its bed in the dry part, water on the right hand, low banks.
	Hyderabad.....	N. 72 W.	1	3	Ditto ..	Abundant ..	The fortress is situated on a rocky hill, and very steep in some parts, the town close on left of it; The Fulailee a branch of the Indus runs close to it. The Bazaar is well supplied. The Fulailee was only 2½ feet deep and ford good, when the guide crossed it in October last, and about 110 yards broad from bank to bank, stream about 40 yards in breadth. The residency is about 3 miles from the town on the bank of the Indus.
	Total....		136	7			

ROUTE FROM ISLAMCOTE TO VEERAWOW,
Surveyed by Hunmantoo, in the month of September 1844. Measured with Perambulator.

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.		REMARKS.
			Miles.	Furlongs.		Shops.	Houses.	
British Territory. Collector of Hyderabad. Parkur.	ISLAMCOTE TO.							
	Karrea.....	S. 78 E.	11	5½	One pukka brick built well 112 feet deep, water plentiful, and brackish.	....	27	Syuds, Musulman and Bheels; encamping ground on a plain near well, country covered with sand hills, with low jungle and grass.
	Borelee.....	S. 58 E.	6	4	One well 90 feet deep, watersweet and plentiful.	1	11	Rajpoots, Syuds and Bheels, Veerawow Purgunna, sand hills right and left all the way, encamping ground near the well, country as before, road heavy.
	Saya.....	S. 67 E.	4	5	One kutchra well, water brackish, 66 feet deep.	....	6	Musulman and Bheels, road and country as before, purgunna Veerawow.
	Lakeetoba.....	S. 70 E.	2	7	One well 3 furlongs S. 5. E. of village, water sweet and plentiful, 54 feet deep.	....	12	Musulman and Bheels, road crossing over several sand hills, country covered with grass and low jungle, little cultivation near the village.
	Kurnoree.....	S. 51 E.	3	5	One kutchra well, 3 feet water, and 18 feet from the surface, sweet now but becomes brackish in hot weather, not very plentiful.	....	5	Musulman (Sanda,) country open, thinly scattered with grass and jungle, road better, Veerawow purgunna.
	Sunmo Mahomed Khan.	S. 30 E.	1	3	One well near village, and 5 more S. 40 W. of village at foot of a hill, water sweet and near the surface, with 3 feet water in each.	....	23	Musulman and Bheels, road good, encamping ground extensive, and open near the wells at the foot of the hill.
	Dabbra.....	S. 80 E.	8	5	One well, not drinkable, water is brought from Veerawow.	....	8	Rajpoots (Rahtore) and Gosaens; @ 2m. 3½f cross Runn, 1m. 3f. broad; @ 5m. 5½f. cross another small Runn 1m. 2f. wide, road hard over it.
	Veerawow.....	S. 85 E.	3	....	From 10 jeeras in bed of three tanks, and two wells, water good and plentiful.	10	195	Large village, containing all castes, supplies plenty, encamping ground south near a tank at the foot of a rocky hill, country jungle and grass, some cultivation, Ladajee Tacoor.
	Total.....		41	7				
	Nuggur Parkur....	South...	11	2				
	Total.....		53	1				

The route from Hyderabad to Deesa, via Islamcote, Veerawow and across the Runn by Sooseegaum, will be,

	Ms. fs.
Hyderabad to Islamcote, vide last route.....	136 7
Islamcote to Veerawow, by the above route.....	41 7
Veerawow to Deesa, across the Runn, via Sooseegaum } vide route from Deesa to Veerawow..... }	100 4

Total.....279 2

E. P. DEL HOSTE, Captain.
Actg. Assist. Qr. Mr. Genl. of the Army.

ROUTE FROM WANGA BAZAAR TO ISLAMCOTE.

Surveyed by Bappoo, Private Guide, in the month of September 1843.

Civil districts & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Collector of Hyderabad. British Territory.	Wanga Bazaar to.....	.....	.....	.....	.....	.....	Wanga Bazaar is a moderate sized village on the Pooran river, crossed the river in a boat, water and supplies plentiful. The surrounding country is overspread with jungle, cultivation about the villages. The fields are irrigated from the canals which are numerous, and the only means by which agriculture is carried on in this country.
	Syud-ka-Gote.....	S 86 W.	3	4	From a well in bed of nulla.	None	3 Huts on bank of a large canal or nulla, which cross to, road good, country jungly.
	Wand.....	N. 74 W.	4	5½	From a large tank or Dund, water good.	Ditto....	5 Shepherds huts; sand hills commence on both sides, road between in valley, heavy sand, country interspersed with low jungle and grass, pass a small nulla and 2 tanks dry.
	Keytlaree.....	N. 40 W.	2	½	From kutcha wells, W. 2 furlongs off village.	Ditto....	8 Huts of Musulman about half mile left of road in a valley, halting ground west near the wells, sand hills continue, road between, cross a sand hill.
	Goordie-ka-Turr.....	S. 85 W.	2	1	From kutcha wells.	Ditto....	5 Huts on top of a sand hill, Sindees, road and country as before; sand hills continue quite close, cross a small sand hill, and a nulla dry.
	Modoor-ka-Turr.....	N. 55 W.	3	1	From wells, 5 furlongs S. E. of village, road in valley.	Ditto....	12 Houses, road heavy through valley, hills end here; cross and recross a dry nulla and a sand hill, country covered with Baubool and other wild shrubs.
	Haylaria-ka-Gote....	N. 73 W.	6	7	From a kutcha well.	Ditto....	3 Shepherds huts on top of a small sand hill, road bad over sand hills and valleys, very loose; at 5 furlongs from Modoor pass 4 wells of good water on right, from here the hills commence on the sides of the road, country covered with Baubool and other wild shrubs.
	Posurkay-ka-Turr.....	N. 71 W.	2	4	From a tank, 5 furlongs S. W. of place, left of road, water good.	Ditto....	6 Huts of shepherds and cowherds 2 furlongs left of road, road over sand hills and nullas, at 1 mile pass a dry nulla and deserted village on right, encamping ground good under trees near the tank, country jungly
	Durar-ka-Gote.....	N. 76 W.	2	4½	From a well north of village.	Ditto....	8 Huts, Rajpoots, on a hill, road as before.
	Mittee na Sher.....	N. 82 W.	2	3½	From 2 good pukka wells near the ghurry, and several kutcha wells in the neighbourhood.	40 Shops, abundant.	Containing 300 houses with a Ghurry, south of town, the inside in ruins, good halting place in the Ghurry for 2 or 300 men, or near wells outside under some trees; road bad over sand hills, country jungly, forage procurable.
	Buppurba.....	N. 73 W.	4	6½	From a pukka well, 2 furlongs N. W. of village.	None.....	4 Rajpoots huts, road very heavy, country jungly, cross two dry nullas, grass in the valleys.
	Khoongar.....	N. 76 W.	6	1	Pukka well 2 furlongs E. water good and plentiful.	Ditto....	5 Huts on a sand hill, cultivation, road very loose over sand hills, very distressing to cross, low jungle.
	Mittree.....	N. 54 W.	2	3½	Wells dug in bed of a dry tank on the road S. East.	Ditto....	8 Huts on a hill, road and country as before.
	Kukralee.....	N. 78 W.	4	4	From a well one mile S. W.	Ditto....	4 Shepherds huts, road bad over sand hills, and 2 dry nullas.
	Ukkairajee-ka-Gote.	N. 63 W.	1	3½	Four pukka wells East of village.	Two Shops..	30 Houses, Rajpoots and Meywarries, encamping ground east under some trees, road better.
	Carried over.....	.....	49	0½	.....	.....	.....

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearing.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Collector of Hyderabad.	Brought forward.....		49	4 $\frac{1}{2}$			
	Islamcote.....	S. 41 W.	8	4 $\frac{1}{2}$	From pukka wells near the Fort 140 feet deep, water good & plentiful.	Four Shops..	Large village containing 100 houses, with a pukka built Fort S. W., supplies procurable in abundance after two day's notice, encamping ground near the wells, road very bad over numerous sand hills.
	Total.....		57	5			

ROUTE FROM WANGA BAZAAR TO TATTA.
Surveyed by Oreeasing in October 1843.

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearing.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Collector of Hyderabad.	Wanga Bazaar.....						Contains about 80 houses, supplies procurable from 11 Shops, situated on the bank of the Pooran river, bed dry, good water is procured from pools and wells dug in the bed of river. The country is covered with Jow, or the wild Cyprus, cultivation about the village. The people very civil good encamping ground on the banks of the river.
	Meer Bahadoor-ka-Gote.....	West.	5	7 $\frac{1}{2}$	From pits dug in bed of a canal close.	None	Small hamlet of 7 grass huts; at 4 furlongs pass a small dry canal, at 1m. 2 $\frac{1}{2}$ f. another canal 10 yards wide, at 1m. 6 $\frac{1}{2}$ f. a magazine on left, and on right a small mud fort in ruins belonging to Sheer Mahomed, thick Baubool jungle covered about this part; at 2m. 2f. pass a large canal with water in it and good, at 4m. 3 $\frac{1}{2}$ f. a small dry tank on left.
	Chunghkeh-ka-Gote.....	S. 85 W.	3	3	Ditto...	15 Shops. ..	35 Houses, stage village, encamping ground west, country less jungly, some cultivation; at 2 furlongs pass a dry canal which in the rains overflows, at 2 miles pass another small dry canal,
	Dullenjee-ka-Gote.....	S. 88 W.	1	5	One well of good water.	None.....	14 Huts, cultivation, road good through jungle.
	Nunday Talpoor-ka-Sher.	N. 64 W	2	4	From two large canals, water plenty and good.	40 Shops. ..	Large village containing 381 houses, good halting place between canal and village, supplies of all kinds; pass two small dry canals on the march, country jungly.
	Jeewara-ka-Gote.....	West.		5	From the same canals.	None.....	2 Huts, pass the two large canals called "Sairwah" water breast high; In the rains it overflows the adjacent country; country jungly.
	Momin-ka-Gote.....	N. 33 W.	1	....	From pits in bed of a canal little way off to the right.	Ditto....	3 Grass huts, cultivation, road good through fields.
	Seallah-ka-Gote.....	N. 38 W.		6	Ditto ..	Ditto....	10 Huts, Sindians, a canal with water on right of the village.
	Khojahnuzur-ka-Gote. ..	N. 87 W.	1	4	From nulla close or right	Ditto....	Ditto, cultivators, country jungly, at 1 mile pass two fishermens huts on right.
	Allee Morad-ka-Killah..	N. 75 W.		2	Ditto ..	Ditto....	5 Hut, the fort in ruins, country as before.
	Carried over.....		17	4 $\frac{1}{2}$			

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
British Territory.	Brought forward.....		16	4½			
	Markah-ka-Gaum.	Ditto		5	Goonee river 3 feet deep, good water.	None	20 Houses on the bank of the river, which is crossed here, country subject to inundation in the rains, soil black, road narrow through Baubool and low jungle.
	Balooch-ka-Gote.	S. 68 W.	1	1	From a canal by digging pits in its bed.	Ditto....	7 Huts, at 4½ furlongs pass a small dry nulla, country the same.
	Boorbooree-ka-Gote	S. 64 W.	1	1	Ditto ..	Ditto....	30 Houses, pass 3 small canals, and 2 huts Fishermens about half.
	Kullora.....	N. 79 W.	2	....	Ditto ..	7 Shops. ..	40 Houses, stage, encamping ground east near a small tank, country jungly, cross canal at Boorbooree, supplies moderate.
	Balooch-ka-Gote.....	S. 50 W.	1	....	Ditto ..	None....	5 Grass huts, cultivators, jungle, road narrow, cross a canal near this place.
	Nooneeshah-ka-Gote....	S. 82 W.	....	5	A well in the jungle a little way off on left.	Ditto	4 Huts, cultivators, country as before.
	Jokakubbee Shah-ka- } Gote }	N. 71 W.	1	2	1 kutchha well.	2 Banians ..	40 Houses, cultivation, of Rice, Bajree, Joor, Jamboo, Teel &c. country jungly, at 3½ furlongs cross a dry nulla.
	Buddeena.....	N. 63 W.	2	6	Ryara and Goonee rivers, full of water and deep.	34 Shops. ..	Large village of 257 houses, cultivators, supplies of all kinds, forage, wood &c., good halting place, crossed the two rivers in boat, which remain full for 6 months, when dry water is got by digging holes, the water from the Goonee runs into these rivers; road good, less jungle.
	Turrye.....	N. 84 W.	11	1	Small tank and nulla.	12 Shops. ..	183 Houses, supplies procurable of Rice, Flour, Bajree, Fish &c., stage village, road good over a plain, scattered with bushes and muddy in places.
	Jeejo-ka-Gote.....	N. 87 W.	2	2	1 kutchha well.	None....	Small hamlet of 5 grass huts of cultivators, road good, at 1m. 2f. cross a dry canal.
	Dullenjee-ka-Gote.....	S. 71 W.	5	....	Small tank, when dry, by digging holes	1 Banian. ..	15 Houses, road good through thick jungle of Baubool, at 6 furlongs cross a dry canal, at 3m. 1f. cross another.
	Jutt-ka-Gote.....	N. 88 W.	3	2	From pools in the Peeth river and a canal.	None....	10 shepherds huts, jungle, at 2m. 5f. from Dhullenjee cross a canal with little water in it, and good.
	Jutt-ka-Gote.....	S. 69 W.	3	2	One kutchha well, water sweet.	Ditto....	5 Shepherds huts, road good over a plain, soil black, muddy in the rains, and difficult to cross; at 4 furlongs from last place, cross the Peeth river, Shaikra Peer bearing S. 75 W.
	Kunnai-ka-Sher.	S. 45 W.	2	7	Kutchha wells water good.	Deserted. ..	Only 5 huts of Belooches, road good, at 1m. 4f. cross a dry canal, at 2m. 4f. cross another. Thick Baubool jungle.
	Futtehpoor.....	Ditto ..	1	4	From a tank, and good.	8 Shops. ..	70 Houses, supplies procurable for a small party, encamping ground N. N. W. of village, road good through low jungle, at 2½ furlongs from Kunnai pass a Mosque right.
	Gullola.....	N. 60 W.	1	1	From pits in a canal close by.	None....	16 Sindians, road as before, at 7 furlongs cross a canal with little water in it.
	Chupra.....	Ditto ..	2	4	Dhonga river.	Ditto....	10 Houses belonging to Jummal Syud, thick jungle, road through, water is procured from digging in bed of river; at 1m. 2½f. cross a dry canal.
	Carried over.....		59	7½			

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Collector of Hyderabad, British Territory.	Brought forward.....		59	7½			
	Sandaijee.....	N. 79 W.	3	4	From a canal on right with good water.	None.....	8 Huts, road good through Baubool jungle and long grass; at 2m. 1f. cross a dry nulla or canal, at 3m. 1f. pass another, Sundaijee, on left 5 huts.
	Moolna-ka-Gote.....	N. 59 W.	2	2	Ditto ..	Ditto....	10 Huts of Fishermen, road good, jungle less, a canal running on right all the way, at 4 furlongs cross a dry canal, at 2 miles another.
	Meerpoor.....	N. 74 W.	2	1	3 Tanks and 3 pukka wells water plenty and good.	100 Shop....	Small Town, belonging to Sher Mahomed, good encamping ground east on a plain, road good, at 1m. 1f. pass a canal, one furlong from it pass another, both dry.
	Syud-ka-Gote.....	N. 51 W.	3	3	Mamoorda river, and from canals.	None.....	5 Huts, Faqueer's (beggars,) at 2½ furlongs cross a dry canal, 2 furlongs further another, road good, cross the canals at this place over a pukka bridge.
	Dhurgaum	Ditto...	3	1	Pinjaree river, plenty and good water.	12 Shops. ..	120 houses, supplies procurable, good halting ground on the north under Mangoe trees, road good, Mamoorda running on left the whole way, cross the Pinjaree here by an easy ford, but in the rains boats ply.
	Bulleeshah-ka-Gote.	S. 80 W.	1	2	Mamoorda river.	2 Shops. ..	70 Houses, on right is a Shikarkah of Sher Mahomed, road good, jungle.
	Hoosein Syud-ka-Gote..	S. 48 W.	5	1	From a canal on left.	None.....	5 Huts, road through thick Jow jungle; at 4 furlongs cross a dry canal, at 6½ furlongs another, at 7½ ditto, cross a third, at 1 mile a fourth, and at the 4th mile pass a dund with water in it and good.
	Keybur-ka-Gote.....	N. 78 W.	....	3	Ditto ..	Ditto....	5 Huts cultivators, road better.
	Beechulai-ka-Gote.....	S. 89 W.	2	5	Ditto ..	Ditto....	7 Huts, ditto, ditto, a canal running left of road the whole distance, which cross here a little way off.
	Bheylah.....	S. 72 W.	1	7	Indus river	10 Shops. ..	105 Houses, on right bank of the Indus, encamping ground extensive east and west. The breadth of the river here is 3m. 5½f. From Bheylah for 7 furlongs crossed in bed, then for 2m. 5½. the bed is dry, consisting of sand banks and jungle. On the opposite bank runs a stream of water, about a furlong broad and shallow.
	Faqueer-ka-Gote	N. 86 W.	3	6	Ditto ..	12 Shops. ..	52 Houses, on left bank of the river, supplies procurable.
	Tatta.....	S. 79 W.	2	1	Tanks and wells, & from the Indus river.	Abundant ..	Large Town, the site of old camp west of town, road good, Rice is grown here in abundance. The food of the Inhabitants is chiefly fish and rice. The country is covered with milk bush, and other shrubs, water is procured from an immense depth under ground. The Indus runs to the eastward about 2½ miles, during the monsoon, part of the low country is inundated.
Total.....			91	3½			

ROUTE FROM WANGA BAZAAR TO LUCKPUT.

Surveyed by Bappoo, in the month of December 1834.

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
British Territory. Collector of Hyderabad.	WANGA BAZAAR TO.						
	Dayrun-jo-Gote.....	S. 29 W.	2	2	Pooran river.	None	8 Huts Shepherds, country thick jungle of Jow, Baubool &c., road indifferent, cross and recross the Pooran river, dry, water in pools, banks low.
	Shaikun-jo-Gote.....	S. 56 W.	4	2	By digging wells in bed of sandy river.	3 Banians.	18 Houses on right of river, which cross country as before, road tolerable, cross 4 small dry nullas.
	Notekaunee Bolooch-ka-Gote.....	S. 44 W.	1	1	Wells dug in bed of a dry tank N. W. of village	2 Shops. ..	23 Houses, cross one dry nulla, country tolerably cultivated, but much interspersed with bushes of Baubool and other wild shrubs.
	Mora Sindee-ka-Gote....	S. 71 W.	3	....	Water from a large Dund left of village	Two Shops..	24 Houses, country as before, cross the dund over a bridge.
	Mittee.....	S. 25 W.	6	....	From kutcha wells N. W. of village	Four Shops Moderate.	24 Houses, country jungly, road good, about 2 miles east of village is Nahawal Garree's tomb, there are high sand hills in this direction; cross two large canals, good encamping ground west of village on open ground.
	Dudkai-ka-Gote	S. 87 W.	3	5	From wells west of village, and right of road	None	7 Huts, Sindee, cultivation near the villages, cross 5 dry nullas, two of which are large but of no consequence.
	Chandea Balooch-ka-Gote.....	S. 77 W.	1	6	From wells N.E. of village	Ditto. ..	9 Huts, Kesskeylee Balooch, cross 3 small dry nullas, country jungly.
	Kuddun-ka-Sher.....	N. 57 W.	1	....	4 Kutcha wells N. W. of village and a tank, little water & brackish.	15 Shops supplies abundant in grain and Mutton. ..	Large village, containing 143 houses, country very jungly, road tolerable through it for foot passengers, encamping ground S. W. on right of tank.
	Esau Notyar-ka-Gote. ..	S. 27 W.	4	3	From a tank 1/2 mile S. W. of village.	None.	20 Houses on right of a large canal, dry, road better, one small dry canal cross.
	Goolun Sindee-ka-Gote..	Ditto. ....	....	5	From same tank.	Ditto. ..	20 Houses on right of canal and road, thick jungle on the banks of the canal, road good.
	Bodamee.....	S. 17 W.	2	....	From Kutcha wells N. W. of village and good.	9 Shops, procurable	60 Houses, good halting ground under trees west, and near a canal, country less jungly, road good.
	Sodai-jo-Gote.....	Ditto ..	1	5	From wells west of village, good.	None	20 Houses, Shepherds and cultivators, road good, cross a small dry nulla near Bodamee.
	Mehrab-ka-Gote.....	S. 3 W.	1	6	One well S. W. of village water good.	Ditto. ..	20 Houses,..... ditto.... ditto.
	Soorun-jo-Gote.....	S. 52 W.	4	....	Canal, plenty water and good.	One Shop,..	15 Huts, on left of a canal called "Shaikun-ka-Garree" good halting place, travellers supply themselves with water here before crossing the Runn pass.
	Kotree.....	S. 19 W.	31	1	None.	None	Resting place; at 5m. 7f. from Soorun commence the Runn, which from a distance appears covered with water, but when approached, the deception is discovered to proceed from a thin coat of salt, the soil is good, but the people are afraid to cultivate the ground, there are 13 stakes with dubburs at the top, placed as marks on the Runn to guide travellers.
	Luckput.....	S. 29 W.	3	....	Abundant & good from tanks outside the fort.	Abundant..	Large place surrounded by a wall, situated on S. bank of the Koree river, which communicates with the gulph of Cutch, cross the river to Luckput; merchants proceed by this place with goods to Hyderabad in Scinde.
	Total.....		71	4			

Deputy Assist. Qr. Mr. Genl's. Office, N. D. A.
Camp Ahmedabad, 27th September 1844.(Signed) R. H. MACKINTOSH, Capt.
Deputy Assist. Qr. Mr. Genl. N. D. A.

ROUTE FROM WANGA BAZAAR VIA NOWACOTE TO OMERECOTE.

Surveyed by Oresing, in the month of November 1843.

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
Territory. British	WANGA BAZAAR.						
	Kulloe.....	N. 20 E.	2	7	Pooran river.	13 Shops.	32 Houses on right, Pooran river on left about 3 furlongs distant, road through thick Jow jungle; at 1m. 1f. cross a dry nulla or canal, at 2m. 1f. cross another, cultivation.
	Peet.....	N. 26 E.	6	3	One well in nulla, water brackish.	None....	11 Huts, Musulman. road as before, hills appear on right about two miles distant, called "Thull," at 3 furlongs from Kulloe cross small dry nulla, and another near Peet.
	Indailee.....	N. 45 W.	6	0	One well on right, water good.	Ditto....	8 Straggling hills on rising ground, road through jungle. The hills continue on right.
	Nowacote.....	N. 47 E.	5	3	4 wells, the 2 outside fort good, 2 inside very bad & very deep.	2 Shops.	5 Shepherds huts, with the fort on a small hill, outpost of 50 Sepoys reside in it, pukka built, and is 124 feet square inside, and mounts 9 Guns; country and road as before, little cultivation.
	Lodee.....	N. 36 E.	1	3	One kutcha well, water good.	One Shop...	9 Houses, Musulman country less jungly, road good, cultivation of all kinds of grain.
	Junnana.....	N. 41 E.	2	2	One kutcha well seven furlongs on right.	2 Banians.	7 Shepherds huts, country as before, and hills on right about 5 furlongs off.
	Moolna-ja-Gote.....	N. 15 E.	1	2	From the same well.	None.....	10 Huts, road good with some cultivation near village.
	Ramtulla Syud-ka-Gote.	N. 31 E.	2	2	One kutcha well, water good.	Ditto....	12 Huts, country jungly, sand hills called the "Thull" continue on right
	Eyed.....	N. 62 E.	....	7	One kutcha well west, & good.	Ditto....	22 Huts, Musulman shepherds, road heavy sand. The "Thull" continue on right
	Notah.....	N. 25 W.	4	4	One good well east of village.	18 Shops...	100 Houses, supplies procurable for a company of men, encamping ground north, country covered with low jungle and grass, road heavy. The "Thull" on right.
	Runnabon.....	N. 26 E.	6	6	One kutcha well on right, good.	None....	12 Huts, shepherds, country as before. The "Thull" on right, at 7½ furlongs from Notah on left pass a well of good water.
	Sukerdeen Nubbee Sher.	N. 46 E.	1	5	3 kutcha wells on the N. W 75 feet deep, plenty of water, but becomes brackish in hot season.	20 Shops, ..	Large village, containing 107 houses of all tribes, supplies procurable, forage plentiful, encamping ground near a vegetable garden and well, and under trees a mile further; country less jungle, road heavy sand. The "Thull," sand hills close on right.
	Thoora.....	N. 4 E.	2	4	One kutcha well on right, good water.	None.....	10 Huts, Musulmen, country as before.
	Chorawa.....	N. 4 E.	3	5	One kutcha well on right, good water.	5 Shops limited...	20 Huts, Musulman, at 1m. 1f. from Thoora cross a sand hill, heavy sand, low jungle, good halting place west of village.
	Kaijurolla.....	N. 15 E.	9	....	One kutcha well one mile west.	None.....	30 Houses, road good, country more open, high sand hills on right.
	Omercote.....	N. 12 E.	3	3	1 large tank and 2 kutcha wells, water good.	20 Shops ..	Large place containing 300 houses, with a mud fort on left, the town on right. Supplies of grain and forage plentiful, cross two small sand hills, country very sterile, but cultivation is carried on to a small extent, rice is the principal article of export.
Total.....			60	4			

The above with the last route from Wanga Bazaar to Luckput completes the route between Luckput and Omerkote, making the total distance 132 miles.

Depy. Assist. Qr. Mr. Gen'l's. Office N. D. A.
Camp Ahmedabad, 6th August 1844.

R. H. MACKINTOSH, Captain.
Depy. Assistant Quarter Mr. General N. D. Army.
E. P. DEL HOSTE, Captain.
Actg. Depy. Qr. Mr. Gen'l. of the Army.

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.
"	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.
Scinde	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 Direction.	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.
Poll. Supt. of Mullanee.	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.
Poll. Supt. of Mullanee.	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.
	Cumptom....	4	3	S. 30 E. 10	Do. 1 do. 150 feet, ditto.
	Islamkote.....	6	7	S. 48 E.	
	Total....	23	7		

Allikote or Cheylur to Nowakote.

Poll. Supt. of Mullanee.	NAMES OF PLACES.	M.	F.	Bearings.	REMARKS.
Poll. Supt. of Mullanee.	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.	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	1½	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	7½		

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	..		
	Koodee (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 & Pol. Authority.	TOWNS AND VILLAGES.	Distances.		General Direction.	REMARKS.
		Miles.	Furlongs.		
Political Superintendent of Mullanae.	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, kutchas wells in bed of tank, water sweet.
	Bheemurlye	3	7	S. 70 E.	60 Houses, 1 shop, small kutchas wells, in bed of river Loonee, water sweet.
	Bajawas.....	1	4	S. 60 E.	32 Houses, small kutchas wells in the bed of river Loonee, water sweet.
	Seerlee.....	3	1	S. 60 E.	150 Houses, 1 Shop, large tank, when dry kutchas wells dug in the bed.
	Sobawas.....	8	6	N. 50 E.	16 Houses, 1 shop, kutchas 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. 88 E.	100 Houses, 1 well, water sweet, wells also in fields adjoining.
	Janyanee.....	1	4	S. 80 E.	200 Houses, 10 shops, 6 brackish wells, sweet water in kutchas 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. Kutchas wells in river Loonee, water sweet.
Political Agent Joudpur.	Sumunduree....	1	6	N. 80 E.	1000 Houses, 100 shops, kutchas 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.
	Dhuneyrah....	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, kutchas wells in bed of river Loonee, water sweet.
	Doodeah.....	2	5	N. 65 E.	40 Houses, 1 shop, kutchas 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. Jalore Gate.....	11	1		
	Agency.....	1	7		
	Total.....	124	24		

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 Palhonpore.	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>Kuroray</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>Inara</i> village; to <i>Jaocora</i> , 6m. Rubaree hamlet, bad water; to <i>Loombaca</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 pucks 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 pucks 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>Bhimtur 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...	<i>Wahurloo and Neelsur</i> both at present deserted; at <i>Sunow</i> good water, but no hut or guide making the march to Chotun long; <i>Neelsur</i> is 4 furlongs to the right, a good well, and recommended as halt, taking a guide from <i>Mangta</i> . 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.	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>Kariakoo</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 (Goolam) 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
	Sunow.....	3	4	....	
	Chotun.....	3	5	7		
	Kariah Kooa.....	3	4	4	W. N. W.	
	Churar*.....	4	6	....	
	Oobray-kee-Veehuree. ...	5	7	4	W. by N.	
Carried over...		88	134	6		

* Huts.

Civil district & Pol. Authority.	NAMES OF VILLAGES.	Distances Estimated.			Direction.	REMARKS.
		Koss.	Miles	Furlongs.		
Political Agent at Meerpoor.	Brought forward..	88	134	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 kutchas 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			Ht. of village, at 1 mile is a fine well, very deep, on road to Eedkhan, Hill, (dawk) several kutchas 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.
	Looploo Well*	3	4	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.
	Kitleearee.....	1	1	4		Pass Kitleearee, 1 good kutchas well, road side, huts 1m. right of road; at 1m. 4f. Julloreea, 4 kutchas wells, good water, deserted, houses all along the road, 1m. 4f. to Govindaree, left 3 kutchas wells Sikroh deserted, huts 4 furlongs to right, several good kutchas 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,) 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 Kujjur 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 kutchas 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.
	Julloreea.....	1	1	4		
	Sikroh.....	3	4	4		
	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	213			

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 Bellasis 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.	Omercote.....					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>Kijreearee</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 kutcha 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 kujjur 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 kutcha 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-verheera</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 kutcha 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 Kosaha 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 kutcha 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	....	
	Mundoos.....	3	4	4		
	Bowree*.....	4	6	....	E. S. E. .	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 kutcha, good water, at 5 miles <i>Heerar</i> , but 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.
	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 kutcha 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 & Pol. Authority.	NAMES OF VILLAGES.	Distances Estimated.			Direction.	REMARKS.
		Koss.	Miles.	Furlongs.		
	Brought forward..	46	69	0		
	Chotul.....	4	6	..		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 Scindee Musulman 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	....	
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>Kijreearree</i> avoiding <i>Bakaseer</i> 4m. to right, <i>Kijreearree</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>Gungarun</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>Runuyra</i> , deserted hamlet left, at <i>Geera</i> left 2m. distant, many wells; <i>Bundareea</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>Kijreearree</i> 80 houses, 4 shops Rajpoot, Brahmins, Buneeahs &c. good water plenty, and near the surface, Thakoor, Bune Sing, <i>Nolow Hill</i> bears S. W. distant 30m. much cultivation; From this to right bank of <i>Loonee</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>Boyetra</i> , a large village 200 houses, 15 shops, water plentiful; Thakoor Jusa furnished guides.
	Bakaseer.....	2	3	....	
	Kijreearree*.....	6	9	0	E.	
Sachore.	Loonee River.....	1		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>Joordiallee</i> Hill has sweet water, road very good to <i>Jumrah</i> , low jungle thick at places, <i>Sunwur</i> belongs to Wow, a Buneeah 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 Thuraud) 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 Thuraud, 7m. to right,) good wells and encamping ground, much cultivation and grass from <i>Sunwara</i> , from <i>Jumra</i> the Thuraudree 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>Doodeea</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 Thakoors 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>Aboo-gur</i> , bears N. E. 55m; <i>Jasore</i> hills E. 30 miles.
	Boyetra.....	3	2	4		
Rhadunpoor.	Sookree river.....	....	4	....	
	Maytavie.....	4	6	4		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>Joordiallee</i> Hill has sweet water, road very good to <i>Jumrah</i> , low jungle thick at places, <i>Sunwur</i> belongs to Wow, a Buneeah 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 Thuraud) 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 Thuraud, 7m. to right,) good wells and encamping ground, much cultivation and grass from <i>Sunwara</i> , from <i>Jumra</i> the Thuraudree 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>Doodeea</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 Thakoors 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>Aboo-gur</i> , bears N. E. 55m; <i>Jasore</i> hills E. 30 miles.
	Sunwara.....	3	4	4		
Political Agent Pallunpoor.	Borol.....	4	6	S. E.	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>Joordiallee</i> Hill has sweet water, road very good to <i>Jumrah</i> , low jungle thick at places, <i>Sunwur</i> belongs to Wow, a Buneeah 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 Thuraud) 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 Thuraud, 7m. to right,) good wells and encamping ground, much cultivation and grass from <i>Sunwara</i> , from <i>Jumra</i> the Thuraudree 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>Doodeea</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 Thakoors 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>Aboo-gur</i> , bears N. E. 55m; <i>Jasore</i> hills E. 30 miles.
	Jumra.....	3	4	4		
	Jandee.....	2	3	....	
Political Agent Pallunpoor.	Jahur.....	1	1	4		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>Joordiallee</i> Hill has sweet water, road very good to <i>Jumrah</i> , low jungle thick at places, <i>Sunwur</i> belongs to Wow, a Buneeah 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 Thuraud) 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 Thuraud, 7m. to right,) good wells and encamping ground, much cultivation and grass from <i>Sunwara</i> , from <i>Jumra</i> the Thuraudree 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>Doodeea</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 Thakoors 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>Aboo-gur</i> , bears N. E. 55m; <i>Jasore</i> hills E. 30 miles.
	Kootegaum.....	1	1	4		
	Jauntay.....	1	1	4		
Political Agent Pallunpoor.	Nanol.....	1	1	4		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>Joordiallee</i> Hill has sweet water, road very good to <i>Jumrah</i> , low jungle thick at places, <i>Sunwur</i> belongs to Wow, a Buneeah 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 Thuraud) 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 Thuraud, 7m. to right,) good wells and encamping ground, much cultivation and grass from <i>Sunwara</i> , from <i>Jumra</i> the Thuraudree 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>Doodeea</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 Thakoors 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>Aboo-gur</i> , bears N. E. 55m; <i>Jasore</i> hills E. 30 miles.
	Jaidla.....	1	1	4		
	Lallpoora.....	3	4	4		
Political Agent Pallunpoor.	Koora.....	3	4	4		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>Joordiallee</i> Hill has sweet water, road very good to <i>Jumrah</i> , low jungle thick at places, <i>Sunwur</i> belongs to Wow, a Buneeah 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 Thuraud) 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 Thuraud, 7m. to right,) good wells and encamping ground, much cultivation and grass from <i>Sunwara</i> , from <i>Jumra</i> the Thuraudree 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>Doodeea</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 Thakoors 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>Aboo-gur</i> , bears N. E. 55m; <i>Jasore</i> hills E. 30 miles.
	Jacole.....	4	4	3		
	Carried over..	99	145	3		

Civil district & Poll. Authority.	NAMES OF VILLAGES.	Distances Estimated.			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>Ugthula</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>Rampoor</i> (Inam 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</i> river 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 neemtrees 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 (hurt 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 Balmeerin 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 Rubaree 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 Buneahs 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 tope 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 lowmarshy 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 ½ 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.....	8½	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 pucks 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 &
P.O. 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	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.
Ahad.....	.....	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 dragropes. 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.	Distances.		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	4			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.
	Futtipoor }.....	1	5			} A large village with standing water.
	Dublee } on right.....		3			
	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.
	Buckrahee.....	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.
	Boogunie .....	....	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 Narah 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.
	Shaleance.....	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 Jowassee 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.			The 4th Light Dragoons marched this route in 1840, and the Field Brigade under Lieut. Col. Roberts in May 1843.
	Total....	144	4	

(Signed) J. HOLLAND, Major.
 Actg. 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					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			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.
	S. 30 W.	.....		2					
		Kokur... 15 houses.....		3					
		Jittooe... 10 Ditto.....		5					
	S. 10 E.	Chitka... 20 Ditto.....		1	1	3			
		Jeysurra.....		2					20 Houses on the bank of the river
		Mehttlun.....		2					10 do..... do.
	S. 55 E.	Boodhajewa.....		2					12 do..... do.
		Neal.....		3					7 do..... do.
	S. 30 E.	Torjewan & Soon.....		3					15 do..... do.
	S. 30 W.	Wookur & Chunna.....		6					18 do..... do.
		Talpoor.....		3					10 do..... on the right bank.
	N. 55 W.	.....		2					
		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					

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.

Fine pieces of standing water along the river bed

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					
		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.	
	S. 35 W.	.....		2				4 do..... do.
		Butchoo Jeeteal....		3				15 do..... on both banks.	
		Jeeteal.....		3					
	S. 25 W.	.....		5		Large quantities of standing water in the river bed.		15 do..... do.
		Gaddee.....		4				10 do..... right.	
		Jeyjur.....	1	....				Tuggur, a large place 4 miles on the East.
	S. 70 W.	.....		3				8 Houses on bank.
		Chungunka.....		5					
	S. 75 W.	Kaboola.....	1	7	3			40 do.	
	S. 30 W.	Sampta.....		2				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		Large pieces of standing water with a small stream running between them which first becomes perceptible here.		
	S. 80 W.	Kallorah.....		5			60 Houses on left bank.		
	S. 55 E.	Surgana.....		6			10 do..... right.		
	S. 45 W.	.....		7				
		Upsanee.....		2			10 do..... left.		
		Dufeer ..		4			4 do..... do.		
	S. 20 W.	Yaroo.....		3			20 do..... do.		
	N. 20 W.	Neereee.....	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.	400 Houses situated on both banks.
		Carried over..	42	0					

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					Oopree bearing No. 90 W. 1 mile.
		Puttaejee & Bate.....		3				A footpath from village to village along the left bank of the river.	10 Houses and Bate, 20 on opposite banks of the river.
		Foolka Gote.....		4				Plenty of water in standing pools with alternate 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 Sindh.		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-Laga-ree.....	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.
		Futtiipoor.....		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 Chandea.....	1						8 do..... left.
		Chunna and Chandea.....		2					6 and 4 do.. on both sides, Kamapoor 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.			
British Government of Scinde.		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, Jooney 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.
		Maehaeraub.....		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..... right Gudje- roo nulla runs off on right.
		Belun.....		1					
	S. 45 E.	Kumal.....		2					50 do..... right Gudje- roo nulla runs off on right.
	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					

Civil district & Poll. Authority.	Bearings.	NAMES OF PLACES.	Distances.		Stages.		Water.	Road.	REMARKS.
			Miles.	Furlongs.	Miles.	Furlongs.			
British Government of Scinde.		Brought over....	129	3					
	S. 10 E.	.....	1	7					
		Bubuk.....		6					A large town of about 500 houses.
	S. 35 E.	.....		1					
	S. 70 E.	Tuttaee....		7					Three villages of about 150 houses.
		Noonur....		6					10 Houses.
	East.	Noonur.....		3					20 do.
		Sungpoor....		7					20 do.
	S. 30 E.	Kubberoo....	1	....			Wells.	Good open road.	20 do.
	S. 85 E.	.....		2					
	S. 45 E.	Bootea.....		6					20 do.
	S. 35 E.	.....		6					
		Kandewarce 4 fur- longs left.....		2					
	N. 85 E.	.....		1					
	S. 85 E.	.....		5					
	S. 75 E.	Bang.....		7			Arrul river	.....	The road touches the bank of the river again which is now called the Arrul.
	S. 70 E.	.....	1	....			a small stream running & extensive pieces of deep water.		
	S. 45 E.	Ruins of Sehwan fort..	1	4					
		Schwan....		2					
		Total Miles....	142	3	....	....	From Bukranee.		
			9	7	....	....	From Lar-khana to Bukranee.		
		Total....	152	2					

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.	
		Dium 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.
		Baazar on right.....	5	5	50 Houses about from 2 to 3 miles off.
		Sehwan.....	11	....	The road is a footpath through tamarisk jungle, and cultivation 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 & Poll. Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
British Government of Scinde.	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 a large quantities every where in this day's march.
	Soar Buth.. ..	1	....	Good road through sandy country, large village with 3 wells.
	Goolab 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 kutchas 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 Bazaar, 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 kutchas 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 kutchas 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 kutchas; 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 kutchas 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 kutchas 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 Shaddehur 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..	31	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 <i>Shadutpoor</i> , and the territories of the chief of <i>Jhull</i> (the Moongasee Beloochees) commences at <i>Shadeehur</i> . 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 <i>Keechee</i> 2 coss more to the left near the hills, where there was abundance of water running from the hills. <i>Keechee</i> 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 <i>Shadutpoor</i> , until the high road from <i>Braham</i> is met with, there is then a <i>Durgah</i> near the high road about 10 miles from <i>Braham</i> , seen from a distance, which is a good mark for passengers coming from <i>Shadutpoor</i> 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 <i>Shadeehur</i> 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 <i>Jhull</i> . 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 <i>Shadeehur</i> is good over an open, level, waste plain, thinly scattered with Peepal trees, which increase to a thick tope before reaching <i>Toonee</i> , but afterwards open as before. Good encamping at <i>Jhull</i> on both sides.
	Cross <i>Hatteyar</i> 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 <i>Jhull</i> chief generally resides here. The <i>Hatteyar</i> 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 <i>Syud</i> ; it belongs to <i>Gundava</i> ; a canal of good running water.
	GUNDAVA.....	4	4	12	1	A large town, the chief of this district, under the management of a <i>Syud</i> , 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. <i>Kotree</i> is another large place seven miles S. W. of <i>Gundava</i> , it has 4 separate villages and a fort, in which <i>Meer Mahomed Khan</i> resides, the chief of these and several other villages. <i>Kotree</i> has a good Bazar and abundant supplies, it is on the Route to <i>Kelat</i> by the <i>Moolla Pass</i> , which commences a little beyond <i>Peer Chutta</i> , 8 miles from <i>Kotree</i> .
	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 kutchu 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 Au- thority.	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 jun- gle	Indus river.			Cross the Indus river from Syuda- bad.
		Deeldar.....	3	3							A small village of 10 houses.
		Dehwan.....	1	4				1 Pucka well	2 Shops..	40 Houses	Cultivation about the villages.
		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.	
		Mucheeгаum ..	2	7			do.... do..	12 do	10 Shops..	150 do	forage 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 dc....	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, road good thin jungle..	10 do	6 do....	100 do....	A good halting place.
		Shaiktaib		4				2 do		50 do.	
		Shajapoor.....		4				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 da	15 Shops..	200 do.	
		Wahan.....		6½			do.... do..	5 do	1	10 do.	
		Total.....		49	4½	....	....		

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.
	Daebraz.....	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.
	Bojye.....	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 Chokey.
	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.	NAMES OF PLACES.	Distances.		Stages.		Road & Soil.	Water.	Supplies.	REMARKS.	
			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. }	10 Shops..	75 do.	
		Chittroree Chota....	1	3½			do.... do..	2 good water	2 do....	100 do.	
		Dahbraw	1	5½			do.... do..	1 do		30 do.	
		Darea.....		3½			Soil sandy road good.	2 do	2 do....	100 do.	
		Golpheer.....	2	3				2 do	15 do....	200 do.	
		Karjah.....	2	3	9	2½		1 do		20 do.	
		Sahtee.....	3					Soil white, road good, through a good deal of jungle..	1 pukka well		2 do.
		Syudgaum.....		7				do.... do..	2 and Talao.	20 do....	400 do.
		Fukeergaum.	1	7				do.... do..	2 do.. do..	2 do....	15 do.
		Durria Khan	2	7				do.... do..	1 do.. do..		30 do.
		Kasan.....	2	7				do.... do..	1 do.. do..	1 do....	30 do.
		Dehree.....	1	3½				do.... do..	2 do.. do..		25 do.
		Sataejah.....		5				do.... do..	1 do.. do..		15 do.
		Kaebrasun	1	7				do.... do..	4 do.. do..	40 do....	400 do. a good halting place.
		Kaebrac-Shahur	1	3	16	6½		do.... do..	2 do.. do..	20 do....	150 do.
		Maree.....		5				do.... do..	2 do.. do..	16 do....	200 do.
		Shaekat.....	1	6				do.... do..	1 do.. do..		5 do.
		Soomaree....	2	1				do.... do..	1 do.. do..		2 do.
		Sandeekhan....	1	4				do.... do..	1 do.. do..		10 do.
		Kokranee....	3	6				do.... do..	1 do.. do..		4 do.
		Mosakatra.....		3½				do.... do..	5 Wells do.	100 do.	1,000 do. a good halting place.
		Gullal Mahomed } Tanda..... }		4½	16	6		do.... do..	5 do.. do..	25 do....	400 do.... Hyderabad is 7½ miles west of this place vide Captain LeMeussurier's Route.
		Jummaree Hulleel } Khan	2	4				Soil white and black, road good with much jungle	1 do.. do..	2 do....	40 Houses.
		Dabraj Gote.....	1	5					6 do.. do..	75 do....	800 do. jungle thinner.
		Kaesurneendaunee ..	2	1½					2 do.. do..	5 do....	125 do.
		Datojur.....	2	½					1 and nulla	1 do....	50 do. Hyderabad bearing N. 62 W. about 7 miles off.
		Veetoo.. ..	2	1½	10	4½		Do. jungle thinner.	3 do.. do..	30 do....	100 Houses.
		Murrin Hullin Khan.	3	1½				do.... do..	2 do.. do..	2 do....	40 do.
		Jangree Khan.....	1	4				do.... do..	1 do.. do..	2 do....	30 do.
		Dheeldargaum	1	3				do.... do..	3 do.. do..	15 do....	200 do.
		Butchal Shah.....	1	7½	8			do.... do..	1 well & nulla		20 do.
		Raidan Khan-ka- } gaum	1	4				do.... do..	1 do.. do..		10 do.
		Saumbra.....		7½							
		Carried over..					207	1			

Hyderabad Territory.

Collector at Hyderabad.

Division or description of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies.	REMARKS.
			Miles.	Furlongs.	Stages.					
					Miles.	Furlongs.				
		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 kutchas ..	20 do....	300 do. a good halting place, crossed a large canal, to the town, now running knee deep.	
		Husseyin 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 road good through thin jungle.	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				
		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.

Miles.

Furlongs.

Miles.

Furlongs.

Road & Soil

Water.

Supplies.

REMARKS.

Territories of the Row of Cutch.

Political Agent at Bhooj.

Brought forward.....

317

3

Soil stony, road good..

1 Well and 1 Tank

2 Shops..

40 Houses.

Omursir.....

5

5½

do.... do..

3 do

30 do.

Dharaisur.....

4

4

do.... do..

3 do

60 do.

Kora.....

4

4

14

1½

Thin jungle.

2 do & Tank

5 do....

400 do. good halting place.

Mhurr.....

8

4

8

4

do.... do..

6 do

20 do....

200 do. much cultivation.

Badra.....

7

....

do.... do..

5 do & 4 Tank

4 do....

20 do.

Barapoor.....

7

7

7

do.... do..

2 do

30 do.

Rhadunpaut.....

5

5½

do.... do..

1 do 1 Tank

.....

40 do.

Terah.....

5

½

10

6

do.... do..

2 do 2 do..

15 do....

700 do.

Kunatia.....

3

1½

do.... do..

3 do 3 do..

.....

10 do.

Baachoonda.....

3

6½

do.... do..

5 do 3 do..

3 do....

40 do. thin jungle and much cultivation.

Wara.....

3

2½

do.... do..

3 do 1 do..

1 do....

700 do.

Vinjan.....

2

6

13

½

do.... do..

1 do 1 do..

.....

10 do.

Koltai.....

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	5	In this march pass 4 dry nullas, road good; Jagun is a small village with 60 houses and few shops, water from five kutchas 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 pukka and 10 kutchas 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 sepoya.
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 kutchha 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 bushy passing 1 village on the right at 3 miles and the ruins of old Oodauna with some kutchha wells and 2 or 3 large villages on left at 7 miles. Supplies plentiful at Kunda.
	Burshooree.....	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 Burshooree. 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 buildings, 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 Bazzars 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 6½ 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 Hoste'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 & Poll. Authority.	STAGES.	Dates.	Distances.		Bearings.	REMARKS.
			Miles.	Furlongs.		
	Brought over.....		123	6½		
	Rajoora.....		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 cross, 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, 50 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	8½		

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. 30 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, Sumahle 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 Narra river, with plenty of short grass near it, 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 Buksh 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.....		281	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 Metrao, 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		

Qr. Mr. General's Office, Poona, }
6th September 1843. }

True extract.
(Signed) J. HOLLAND,
Acting Quarter Master General of the Army.

**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 WEST BY NORTH.

Division of Territory.	Nearest Civil Authority.	NAMES OF PLACES.	Road & Soil.	Water.	Supplies.	Distances.		REMARKS.
						Miles.	Furlongs.	
Deesawul district in Guzerat.	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.
Thurraudree do. do.	Political Superintendent at Palhanpoor.	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. Mulloopoor, 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.	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 None....	92 10	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	The Runn on this road generally dries early, and can in most places be avoided by detours to the right hand. Veerawow is the principal place in Parkur, in a swampy plain close under the sand hills of the desert. Nuggur and Kalinjur hills, are about 10 miles to the south.
	Total.....				113	6½	

From Veerawow to Giramme 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.
		Miles.	Furlongs.	Stages.		
				Miles.	Furlongs.	
British Government of Scinde.	FROM NUGGUR (PARKUR) TO.					
	Giramme 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 Soneeaut 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.
	Soneeaut.....	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 buffaloe 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-Kooee.....	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.....	....	3			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 Challee 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.
	Synd Gaum.....	2	4			4 ditto 2 do.
	Pulley-ja-Ghote.....	2	6			12 ditto 3 do.
	Synd 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 kutchu 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 Kutchu 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 kutchu wells.	
Manarunja Gote....	....	5			3 ditto 3 do. do.	
Pingara.....	2	1			5 ditto 1 pucka and 2 kutchu 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 pukka 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 pukka 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 pukka 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 pukka 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 pukka 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 pukka wells, large town, forage and supplies abundant.
	Kahee.....	2	1			30 Shops, 4 pukka wells and tank.
	Boodee.....	1	1			ditto 1 kutcha do.
	Bahadoor-ka-Kote.....	1	4			6 ditto 2 pukka do.
	Beyreea.....	1	6			30 ditto 2 do. do. and canal.
	Dookurra.....	1	4			Ditto .: 1 kutcha.
	Boorda.....	2	6			4 Shops, 2 pukka wells and tank.
	Boopa.....	1	4			4 ditto. 2 kutcha do.
	Kundeara.....	4	2	16	4	100 ditto. 20 pukka wells, large town, dund or lake, supplies, forage &c. abundant, good Bazaar.
	Beloochpoor.....	1	2			..... 1 pukka 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.	
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 Kutcha 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	

British Government of Scinde.

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 Boucart ruts rather deep.	Abundant & good, from a large Boudree 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 Rahboor; 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 Wurrurna, 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 Sooeegaum, 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 Bunder. 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 Sangrar 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 Wallace, at 8m. 6f., and the third half way to Surdar Ghur, called Sobarah 18m. 8f., 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 ½ 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 besiegers, 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 nulla.	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- lage, supplies very scarce.
		Twelve small wells.....	7	4				good, but small.		
		Mourdalee.....	1		8	4		A few mud- dy ponds.	Coarse grass	A number of Shepherds here, neither these wells or ponds are to be depend- ed on,
		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 bas- tions 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 Khyerpoo 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 abund- ant.	These are three small ponds of rain water, they are suf- ficient for small parties such as a wing of a regi- ment 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 Au- thority.	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	16	5			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 Buddra, 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 indifferent 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 "Kasec," 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 sepoys 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 puckah, 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 Metrao," 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 sepoys 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 pucka 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 puckah wells, 66½ feet to water's surface.	None, forage 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 puckah 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.
	Deevacote.	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.	STAGES.	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.	A good garee road all the way surrounded by sand hills, the plains between covered with cultivation of all kinds; pass "Beemrah" at 6 miles and at 12 from "Jhak,"—The village of "Cheekur-ke-Pahur" these are situated on sand hills; "Doodie" is a village of some 80 or 100 inhabitants on a sand hill, to the southward of many others, also covered with huts containing people who have come to this spot for water.
		Balmeer.....	13	....	Wells.....	Supplies, forage only procurable at a distance of some miles, from this post.	Road as before, viz. sand hills all round, with good Gharee track and cultivation below, grass cutters should be sent on from "Doodie" to "Balmeer" a day or two before.—A military outpost containing a Political Assistant or agent to Jodhpoor States who is also Commandant; a squadron of cavalry, and two companies of infantry detached from the Deesa field brigade; for supplies or ought else required from this town, application should be made to the Political Agent.
		Gullore.....	12	....	1 well of brackish, another a mile off of good water.	None, abundance of forage.	Road sandy but good, a small village, sand hills and jungle around, pass the village of "Mahar" at 3 miles from Balmeer on the right, good encamping ground.
		Nokera.....	11	4	1 well of brackish water.	None, plenty of forage.	Road as before, a few huts on a sand hill, a dāk station having a few horsemen; encamping ground on the slopes and base of sand hills.
		Gurra.....	20	....	Loonee river, brackish water, 1 good well near the bungalow.	Abundant, forage found only in the town, none for grass cutters.	A good road through a fertile country, sand occasionally heavy, large town, bad encamping ground, Dāk Station.
		Jaub.....	13	....	Sokra river, dry, water from a good well.	Abundant, forage procurable.	Road good, occasionally heavy sand, a large village, capital encamping ground on the north side.
		Jakole.....	11	....	Good from 1 large well.	None, forage, plentiful.	Sandy road, jungle and forage throughout this march; 3 or 4 huts only to be seen here, good encamping ground to the southward.
		Ninawah...	14	....	1 Good well. ..	Scarce, 2 or 3 shops, plenty of forage.	Pass 3 or 4 villages, country covered with crops, grass and jungle, road very good, encamping ground excellent on S. & S. W. side of village.
		Duneyrah.....	13	4	Good & abundant from one large well.	Abundant and forage,	Good road through an undulating and beautiful country of fine forest wood, pass several villages surrounded by fine cultivation, a large place, the first in Goozerat after leaving the Jodhpoor territory at Ninawah, good encamping ground on east side with a fine well in front of lines facing south.
Goozerat.	Political Superintendent Pahanpoor.	Jerdah.....	10	4	Good from wells.	Supplies and forage.	Good road, pass two villages at 3 and 7½ miles, respectively, from "Duneyrah" jungly and undulating country, good encamping ground to the northward.
		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. via "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" via "Dhunwa" "Sirroa" "Goonga" and "Barka" was utterly impracticable, from the want of water and forage, I was recommended to proceed to "Punch Pudur" 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 from 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-Koce.....	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 pukaulls being filled and brought on from Muttee-ka-Koce 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-Koce 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 sepoys.—A banian is the only inhabitant of the place besides the sepoys, 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 sepoys 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	165	
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 puckauls 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 nullah 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.
	3	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 & Pol. Authority.	N o of marches.	NAMES OF PLACES.	Miles.	Furlongs.	Yards.	REMARKS.	REMARKS
							By Bt. Captain Geo: S. Ravenscroft, 3rd Light Cavalry.
Khaypoor 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's to look after it, there are six kutchas 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. ½ 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 kutchas wells of not very good water, but the cattle might be watered here, no supplies, grass, W. N.	
	6	Oodur 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 Oodur, 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 Sungrar 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. S.—From Wass or Vassah to Roree must be under water and *probably* impassable during the inundation.

ROUTE FROM BALMEER TO JEYSULMEER.

Civil Districts & Pol. Authority.	NAMES OF PLACES.	Distances.		REMARKS.
		Miles.	Furlongs.	
Joodhpoor. Superintendent of Mullancee.	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.
Jeyaulmeer. Superintendent of Mullancee.	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 Jeyaulmeer, 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 Commisariat camels watered at a tank about 2½ miles N. W.
	Jeyaulmeer.....	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.	
Jeyaulmeer. Superintendent of Mullancee.	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.
Joodhpoor. Superintendent of Mullancee.	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.

Miles.

Furlongs.

Stages.

Miles.

Furlongs.

Road & Soil.

Water.

Supplies.

REMARKS.

Joodpoor Territory.

Political Superintendent at Balmeer.

BALMEER.....

Mabar.....

2

7

Gullore.....

10

1

13

Noke.....

3

2

Nokra.....

8

.....

Chotoomotoo

4

.....

15

2

Dabur.....

15

.....

Gurra.....

2

5

17

5

Dheemree.....

4

.....

Banta.....

1

.....

Gadavie ..

1

4

Dangria.....

2

4

Keyria.....

8

.....

17

.....

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

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

Division or Territory.

Province of Scinde.

Nearest Civil Authority.

Collector at Hyderabad.

NAMES OF PLACES.	Distances.				Road & Soil.	Water.	Supplies	REMARKS.
	Miles.	Furlongs.	Stages.					
			Miles.	Furlongs.				
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.
Booteeah.....	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, Dhoreeinna 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 $\frac{1}{2}$ 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. ½ 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 Lehree 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 kutchra 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 kutchra 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 kutchra wells, country as above.
	Dabree.....	S.	4	1	4 Houses, at a distance from this point, 3 kutchra 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 kutchra well, and some cultivation.
	Jippea.....	S. by E.	3	6	A deserted village, 1 good kutchra 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 kutchra 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 Superintendant'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.	Brought over.....	66	1	
	Wurnar.....	9	3	20 Houses, 1 kutchra well of good water; road winding, between sand hills covered with grass and low jungle.
	Chowtull.....	2	6	35 Houses, 1 shop, 1 kutchra well of good water, country as above.
	Karora.....	3	4	10 Houses, 1 shop, 1 kutchra 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 kutchra well of good water, road and country as above.
	Koonya.....	2	6	12 Houses, 1 kutchra well of good water, country as above, covered with grass jungle with hardly any trace of a pathway.
	Koombaree.....	4	6	8 Houses, 1 kutchra 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	5	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 kutchra 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 kutchra wells when required. Country as above, considerable cultivation about Veerawow, and supplies plentiful of all descriptions.
	The residence of Ladsjee 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 kutchra 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	}		Road good, soil black.	Nullahpoora river.	None.....	A small village, crossing the river at ½ mile.	
		Ruttenpoor.....	3	7				A small stream	Very moderate.	80 houses, cross 3 nullahs.	
		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 nullahs.
		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 Hummetala 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				{ Daukh 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 impassable 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.	NAMES OF PLACES.	Distances.				Road and Soil.	Water.	Supplies.	REMARKS.
		Miles.		Stages.					
		Miles.	Furlongs.	Miles.	Furlongs.				
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.
	Doodee			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.
									Doodee to } M. P. Duggala } 9
									Puddur. 10 2
									Bhooj 9 6
									Total to Bhooj 142 1
									Bhooj to } Soomrasir } 15 2
									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 Puchun, 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 Gainda 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 Balliarae, in February 1840.

NEIL CAMPBELL, Lieut. Col.

Qr. Mr. General of the Army.

RAJCOTE TO SUKKUR,

Via Mallia and Wandia, Soomrasir near Bhooj, Balliarae, Kaebræ 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, Balliarae 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 Balliarae as above.....			208	3				
		Balliarae 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 Pooran, which was found dry; close to this passage are some wells in the bed of the Pooran; on leaving the Pooran, 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. Aiylpoor 3 miles, Dadojo gote 6, Googofulloojo 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. Googofulloojo 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. Munahen 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 VILLAGES.	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, 38 do.
	Tamlyar.....	7	....	S. 54 W.	15 ditto. do. 1 well sweet, 145 do.
	Lasswah.....	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.
Collector of Hyderabad.	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.
	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 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.
	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.
Blowlpoor.	Nohur or Islamgarh.....	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.

