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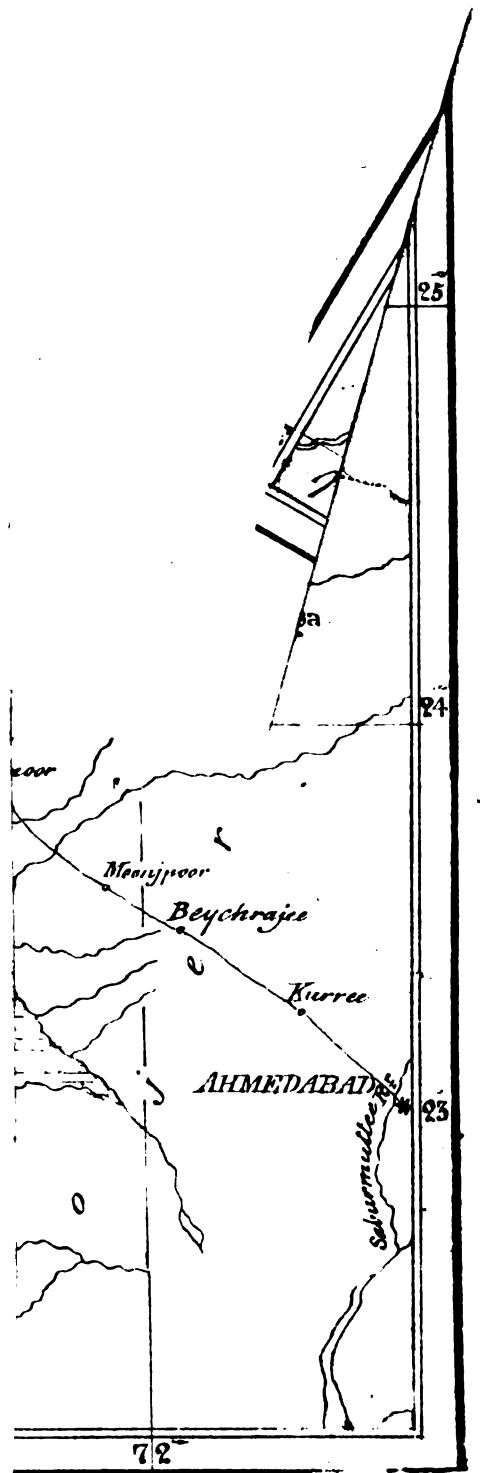
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Sind la i

Sind la. i.



Purple
 Green
 Yellow
 Red

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.



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INDEX

TO THE

ROUTES IN SCINDE.

No.	FROM	To.	Page.	Distances.	
				Miles.	Furlongs.
1	Ahmedabad....	Nuggur Parkur viâ Kasba.....	132	176	1
2	"	Roree viâ Nuggur Parkur	132 & 127	580	0
3	Alikote or Cheylar.....	Meete-kote.....	83	17	7
4	"	Nowa-kote.....	"	30	6
5	"	Omerkote.....	84	36	7½
6	Balmeer.....	Balliaree, viâ Veerawow in Parkur.....	148	207	1
7	"	Gungasirra.....	150	59	4
8	"	Islamkote.....	84	112	..
9	"	Jeysulmeer.....	147	111	½
10	"	Joudpoor.....	85	124	2½
11	"	Kasba,	166	123	7
12	"	Omerkote.....	162	114	1
13	"	Siew-kotra.....	82	30	4
14	Bhooj.....	Veerawow viâ Kuddee	"	123	3
15	"	Bheyla in Wagur	37	94	4½
16	"	Hyderabad, viâ Balliaree Deypla and Wanga Bazar.....	12 & 63	200	0½
17	"	Ditto, viâ Balliaree and Raoma-ka Bazar.....	67	210	4
18	"	Ditto, viâ Balliaree, Wanga Bazar and Khyrpoor.....	161	199	5
19	"	Sukkur, viâ Balliaree, Aliyar and Nowsharra.....	42	410	..
20	"	Ditto, viâ Balliaree, Aliyar-ka Tanda, Shaikaut and Padra, (middle route).....	42 & 114	387	6½
21	"	Ditto, viâ Balliaree, Nowacote, Omerkote and the Narrah river, (the eastern route.).....	42 & 167	363	8
22	Bheyla.....	Boyatra, on the Loonee river viâ Nuggur Parkur.....	39	93	0
23	Chuttur.....	Bagh.....	154	38	..
24	Dadur.....	Sukkur, viâ Bagh and Shikarpoor.....	117	173	..
25	Deesa.....	Omer-kote, viâ Gurrah, Chotun and Guddra.....	86	213	..
26	"	Roree viâ Balmeer and Jeysulmeer.....	138	365	..
27	"	Sukkur, viâ Veerawow and Omerkote.....	121	396	2½
28	"	Veerawow in Parkur (round the head of the Runn).....	126	113	6½
29	Deyrah.....	Lehree, viâ Poolajee.....	153	61	..
30	Hydrabad.....	Ahmedabad, viâ Wanga Bazar and Nuggur Parkur.....	63 } 127 } 132 }	372	..
31	"	Balmeer, viâ Omerkote.....	44	219	..
32	"	Deesa, viâ Wanga Bazar, and Nuggur Parkur.....	63	296	3½
33	"	Ditto viâ Omer-kote.....	60	312	7
34	"	Ditto viâ Islamcote, Veerawow, and across the Runn.....	74	279	2
35	"	Khyrpoor, Roree and Sukker direct.....	45	210	4½
36	"	Ditto, viâ Sunjoorna	49	236	7
37	"	Rajcote, viâ Wanga Bazar, Balliaree, Wandia, and Mallia.....	63 128 } & 158 }	329	6½
38	"	Roree and Sukkur, viâ Deejee Kote.....	46	216	4
39	"	Ditto viâ Lalloo.....	47	185	4
40	"	Sehwan, viâ Kotree.....	91	89	6½
41	Islamkote.....	Hyderabad.....	71	136	7
42	"	Nuggur Parkur.....	74	53	1
43	Janeedehra.....	Lehree, viâ Chutta and Poolajee.....	150	74	2
44	Jeysulmeer.....	Balmeer.....	147	90	4
45	"	Mittun-kote.....	163	166	2
46	"	Roree direct.....	145	143	1
47	"	Ditto viâ Khyrpoor.....	136	200	7½
48	Kahun.....	Deyrah.....	153	42	4
49	Kotree near Hyderabad..	Sehwan.....	91	89	6½
50	Kotree Gundava.....	Sukkur.....	120	130	6½
51	Kurrachie.....	Hyderabad, viâ Run Pittecanee.....	1	96	7
52	"	Ditto viâ Garrah and Jerruk.....	1 & 26	112	3
53	"	Hoja Jamote.....	8	128	6
54	"	Hubb river.....	9	18	3
55	"	Jerruk direct viâ Run Pittecanee.....	4	80	5
56	"	Ditto (report on).....	5	..	..
57	"	Larkhana, viâ the Western bank of the Munchar Lake.....	14	253	3
58	"	Pubb Mountain.....	10	..	..
59	"	Sehwan.....	11	146	5
60	"	Sonmeeanee.....	17	50	1
61	"	Tattah.....	7	61	4
62	Larkhana.....	Dadur.....	168	124	4
63	"	Kyra Gurree, "en-route to Bagh".....	107	48	..
64	"	Gundava.....	109	110	7
65	"	Jhull.....	109	85	6
66	"	Sehwan direct.....	97	94	6

No.	FROM.	To	Page.	Distances.	
				Miles.	Furlongs.
55	Larkhana.....	Sehwan following the brnding of the Narra and Arrul rivers } and round the Munchar Lake..... }	98	152	2
		Shoorun.....	110	130	7½
56	Lehree.....	Kahun, viâ the Tratane pass.....	152	76	4
57		Deyrah, viâ Poolajee.....	153	61	..
58	Luckput.....	Hyderabad direct.....	27	124	7
59		Ditto via Mittree Bunder.....	29	138	5
60		Ditto viâ Meerpoor.....	35	121	4
		Omerkote, viâ Wanga Bazar and Nowakote.....	80	132	..
61	Meeteekote.....	Islamcote.....	83	23	7
62	Nowakote.....	Alikote or Cheylar.....	84	36	7½
63		Balliaree, viâ Bittaroo.....	155	59	5½
		Ditto direct.....	..	42	6
		Omerkote.....	80	39	7
	Nuggur Parkur.....	Hyderabad.....	127 & 63	195	7½
		Omerkote.....	124	103	6
64		Roree and Sukkur, viâ Deypla, Wanga Bazar and Aliyar-ka handa	127	403	7
65	Omerkote.....	Balmeer.....	43	104	4
66		Ditto do.....	162	114	1
		Balliaree viâ Nowakote.....	155 & 80	83	5
67		Deesa direct.....	88	189	5
		Roree.....	124	200	1
		Veerawow.....	124	92	4
68	Poolajee.....	Kahun.....	151	66	..
	Rajkote.....	Hyderabad, viâ Mallia and Wandia, Balliaree, and Wanga Bazar. }	158 118 & 63	329	6½
69		Sukkur, viâ Mallia and Wandia, Balliaree, Aliyar-ka-Tanda and } Nowsharra..... }	158	538	6
		Ditto, viâ Aliyar, and Padra, (the middle route)....	158	516	5
		Ditto, viâ Balliaree, Nowakote, Omerkote and the Narra river } (the eastern route).... }	158	491	1
70	Roree.....	Jeysulmeer direct.....	143	148	3
71		Ditto, viâ Khyrpoor.....	134	199	7½
72		Deesa, viâ Jeysulmeer and Balmeer.....	138	365	..
		Hyderabad.....	45	210	4½
73	Sonmeanee.....	Kurrachie.....	17	50	1
74	Sehwan.....	Ditto.....	12	146	1
75		Larkhana direct.....	97	94	6
76		Ditto.....	94	98	6½
77		Sukkur.....	97	144	4
78	Shapoor.....	Bhag.....	119	47	4
80	Shikarpoor.....	Sharpoor.....	118	62	7
81		Larkhana.....	121	40	1
		Sukkur.....	117	28	2
	Sukkur.....	Dadur, viâ Shikarpoor and Bagh.....	117	173	..
		Kotree Gundava.....	120	130	6½
82		Maudavee in Cutch, viâ Syudabad (the middle route).....	112	403	1
83		Sehwan, viâ Larkhana.....	97	144	4
		Shikarpoor.....	118	25	5
84	Tattah.....	Kotree near Hyderabad.....	26	55	2
		Kurrachee.....	7	62	4
		Wanga Bazar.....	76	91	3½
86	Tampee on the Loonee river.	Islamcote.....	81	97	1
87	Vikkur, (camp near).....	Tattah.....	20	47	..
88		Ditto.....	21	47	..
89		Ditto, viâ the junction of the Hujamree river Beeman, Tejun and } the main river.... }	18	53	4½
90	Wanga Bazar.....	Islamcote.....	75	57	5
91		Luckput.....	79	71	4
		Nuggur Parkur.....	127	112	6
92		Omerkote viâ Nowakote.....	80	60	4
93		Tattah.....	76	91	3½
94	Wow.....	Nuggur Parkur.....	41	79	2½

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 Mulleear 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 numerous branches of the Mulleear 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 Bunds 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 Goolee, many cattle grazing in the high grass.
A Tomb.....	3	5			Rocky and stoney.			Jungle gradually thickens, and the road very stoney. The Kutteen 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.	Dist. ance.		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.
	Khodia.....	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 18 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 Kurrum 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 Kurrum 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, Kurreel, 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.

80 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 Hallijee, 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 Hevlana, 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 "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

February 10th.

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.

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 3 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 3½ 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 Wattejee 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	3½	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 Marrooes 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 Soorapanee...	..	..	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 Lookeramdas 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.....	..	1½
Cross over low Range.	2	4½
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	4½
Cross Wargee River.	7	2
Pass in hills	1	7½
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 January, 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			
Turned back to Tekree and } thence proceeded to Tank } H'lla 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.....		$6\frac{1}{2}$			
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 ½ 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 Dumaez water must be dug for. Sheep and Goats to be had here, and a Bunia came from Tatta 40 miles.
	Dumaez	10	..	Cross the river and the road is good all the way to Dumaez 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 Dumaez 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 Dumaj 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.
<p>* Terae 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.</p> <p>Warkee river near its junction } with Chorla river..... }</p>	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 Dheedg 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 Dheedg river 2 or 3 times.
<p>* Forage was scarce, but furnished by the grass-cutters from the banks of the river.</p> <p>Camp at Mulleeree river.....</p>	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.
<p>* The roads to Jerakh and Hyderabad cross here</p> <p>Kuttajee Mukam at Kuttajee ri- } ver..... }</p>	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 }	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.
* 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.			
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 kooee 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.

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 Murraice 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-kote is an old ghurry 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.
Butchancee.....	14	6	22	On the Barreen river the road is good the whole way, it runs through a halting place called Meerkhan's Tandah, Troops intending to halt at Butchancee should pass through the above Tandah, and avoid Murraice which lies off to the left, (Murraice is 10 miles 6 furlongs 22 yards from Dummej and where water is scarce) keeping along to Kujoor; forage at Butchancee 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 "Chubajjee", 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 "Gutlerga", the descents and ascents of all are easy; these ravines and all the other streams on this road flow from the Pubb 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 Pubb 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 Chubarjee, 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 Gabae.....	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 3 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	58	4½	

NOTE.—From Bheeman to Mooron 18, 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.



ABSTRACT OF THE ROUTE FROM CAMP JOON
OPPOSITE VIKKUR TO TATTAH.

Viâ 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 Nas-sar.	Garrah chotta on the Meeknee } river, 3 feet deep at low water } and about 50 yards broad }	8	7	20 Huts, 8 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.	Shaumroo 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 banbool 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 Rus-sar.	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 Morodanee 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 Kur-mul-lee.	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	50 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	..	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.	..	1	100	Gorabaree bearing S. 73 E. and Brama gote S. 77 E.
	N. 37 E.	..	2	..	
	N. 48 E.	..	3	..	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 entirely; 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.	..	..	110	Requires labor for guns.
	N. 57 W.	..	..	206	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 ground for a camp 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. Encampment, 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	..	Brushy 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
Mooradane.....	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 Mooradane 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. 55 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 Mooradancee 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	
Bushes on right.....	N. 21 E.	..	2	100	
Do.....	N. 24 E.	..	1	..	Do. large tree in the range on right.
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 3 feet deep, sandy bottom, the left bank is steep and would require sloping down some more.
Cultivation.....	N. 10 E.	..	2	76	
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.
Goolambhaw 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 Karamka at 4½ on right.
Jirka or Jerrick.....	9	5	On the bank of the river; boats come close to the bank here, road along 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.				
	Luckput Town Bunder.....	26½						The camels of the party were ferried over in boats (February 1840.)
	Dhurmsolla or Chokey.....	5 2	8					
	Chokey.....	26 6½	26	6½	Water distance by Boats..	1 Well.....		Two or three Seapoys' 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 chokey 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.	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. soil black	2 Wells.	1 do.	10 Houses.
	Hussain khan-ka-gaum.....	3			Do. Do. Do.	1 Do.....	1 do.	5 Houses.
	Serancee.....	1 6 13	4½		Do. Do. Do.	2 Pukka 3 cutcha wells & canal.	20 Shops....	300 Houses, a good halting place cross the canal and knee deep from Serancee 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	9	5½	Do. Do.....	4 .. " " " "	60 do.....	250 do. A good halting place.
	Kaibramun.....	47½				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			Do. Do.....	1 .. " " " "		10 do.
	Talboorad.....	22½				1 .. " " " "	5 Shops....	30 do.
	Summunkote.....	3½				1 .. " " " "		15 do.
	Shaikpureed.....	1				1 .. " " " "		5 do. considerable cultivation.

Political Agent at Hyderabad.

Civil Authority.	NAMES OF PLACES.	Distances.			Road and Soil.	Water.	Supplies.	REMARKS.
		Miles.		Stages.				
		Furlongs.	Miles.	Furlongs.				
Political Agent at Hyderabad.	Mahomed khan's Tanda.....	3	7		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			Do. Do. with patches of cultivation.			A large village 1½ mile on left.
	Sorah.....	8						The country is covered with Tamarisk jungle and patches of cultivation, watered by numerous canals from the Fulailee; 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 Fulailee river
	Alum khan.....	6						Several other villages on both sides of the road, water, forage &c. abundant, country richly cultivated.
	Kurrotab Jentadab.....	1						
	Goolam Hoossain-gote.....	4						
	Hyderabad Residency.....	1		12				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.
Total miles.....			124	7				

(Signed) E. V. DEL HOSTE, Captain.

Acting Deputy Quarter Master General of the Army.

Quarter Master General's Office Bombay,

24th February 1843.

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.

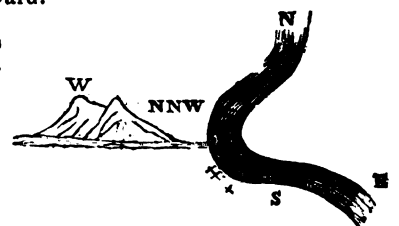
Mittree as I believe this bunder is called, is about 20 miles N. E. by N. from Luckput, and 9 miles S. by W. from Garree, it is quite necessary that camels should be sent beforehand, there is nothing to be had nearer than Garree, which is an insignificant village, and the first drinkable water one comes 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, tattons or bullocks to be had in the country, the camel loads also are not much greater than are ordinarily put upon tattons in the Deccan.

1840.	NAMES OF OBJECTS.	General Bear- ing.	Distances.						REMARKS.
			Interme- diate.		Total.		Stages.		
			Miles.	Furlongs	Miles.	Furlongs	Miles.	Furlongs	
16th Feb.	From Mittree to Pools.....	N. by E.							Runn in some places unsafe.
		.. do. ..	3	3	3	3			2 Small ponds of salt water.
		.. do. ..	2	6	6	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 13 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.	Bear- ing.	Distances.						REMARKS.
			Interme- diate.		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 vil- lage in which there are numerous tombs, a canal run- ning N. & S. on the east side of the village waters this spot. There is a bridge across the canal, the con- struction 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 pro- portion 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 vil- lage 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 tak- en much out of our way to the westward, which I be- lieve 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 fur- long,) 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. En- camped near Shah Gorla's tomb.

1840.	NAMES OF OBJECTS.	General Bearing.	Distances.						REMARKS.
			Inter-mediate.		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.
			Inter-mediate.		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 Neen 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.	
	Woorae.....	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 Wassece	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	do.		6	101	4			Shikargah on the right, stony ground, Milk bush, thickets and hills to the left.
	 do	do.		4	102				Low limestone hills on both sides.
	 do	do.		1	102	1			Low grounds cultivated
	 do	do.		2	102	3			Amphitheatre of hills to the left, bushes and water on the flat.
	 do	do.		5	103				Stones, then bushes to the left.
	 N.N.W.	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	do.		3	106				Hills to the left, and fields of as I supposed, wheat.
	 do	do.		8	106	6			Peer on a hill distant 1 mile, to W. N. W. another 1½ mile, N. W. by W. and a third ½ 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. Hooseeree in fine trees ½ 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	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.	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 $\frac{1}{2}$ 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 Pcri 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.			
Amcets of Scinde. Meer Moorad Ali.	Sunneeja.....					Wells and water course.		50 Houses, road over level and well cultivatèd country, frequently intersected by water courses.
	Katiar.....							The road from near Sunneeja runs along a high and broad embankment to near Katiar.
	TEEKOOR.....			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-Wussèd.....			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 Large numerous wells Bazaar.		The road along the base of the small hills, through cultivation during the last mile.
	Total.....			121	4			

ROUTE FROM BHOOJ 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.	Furlongs.				
Cutch, Resident in Cutch.	BHOJ 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	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.
	Nuwagauna.	5	2½		1..do. 1 do..... do. ...	5 do. 34 do. 2 do.	31 Houses, the river now turns S., it is dry 6 months.
	Dooder.	3	4½		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 Bhooj to Deesa, and possesses no advantage over it.
	For intermediate places see the descrip- tion of, in the route from Bhooj to Deesa.						
	Khoombarree.	9	1	{ 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,	do. 123 do. 10 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		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 Sooe.
	Sooee.	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.
		Miles.	Furlongs.	Stages.				
	River, cross.....	..	1½			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 Sha-poor 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	½			Water in rains, 4 wells 3 tanks	59 do. 206 bullocks 7 shops	177 Houses in the 3 villages, country open all the way.
	Daoree	4	6½				12 Garrys	28 Houses, one or two small nullas on each side of it.
	Daisupoor or Nuvagaom 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 vil- age, all the wells are good.	70 Garrys 236 b. 14 Shops moderate supplies grain is brought to it in abun- dance from Guzerat by way of Futtehgud.	103 Houses, has 3 names, is lately peopled and on the increase, named after the Rao of Cutch; en- camping ground on all sides of it, it is situated on a sloping ground.
	Enter on the Runn	1	4		Good in the dry season ..			It is impassable for carts in the wet season, but hard and good road in the dry.
	Leave the Runn	2	..					
	Jattawarra	3	½			3 Wells, 2 tanks, 1 large, fails in February.	114 Garrys, 281 bullocks 19 shops.	278 Houses, and two small rivers on each side of it but dry; the country is bushy.
	Darawa river.....	3	4½		Stony	Water in rains		60 Yards wide, bed small stones, a torrent in rains.
	Bheyla	2	5½	6½	Good road	60 wells, 20 kucha, 2 tanks and a river with a little water in it, but brackish. There is a large tank called Rugooosa 2 miles N. E. of Bheyla and close to the Runn. 25 of the 40 built wells con- tain good water.	123 Garrys, 283 bullocks, 42 shops, supplies are procurable from Guze- rat and Parkur, so that grain and ghee are to be had in abundance.	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 ca- mels in the monsoon if local rains have not been heavy; country about Bheyla is wild and unpro- ductive.
								Encamping East of the Sarun river away from the village.
								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	4½			

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.				
RUN 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 channel 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 Jorecalles half way, partly measured.
Nawapoora	8	4	3	4	By computation.
Tarrejura.	13	..	10	..	Ditto ditto.
Guddra.	23	..	18	..	Ditto ditto.
Veerawow	12	..	10	2	Measured.
Boodesair.....	10	..	8	..	} Partly measured.
Nuggur	8	..	8	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.	
	BHOOL.			
Cutch Territory, Political Agent in Cutch.	Soomraseer.....	15	2	23 Wells ; at 8½ miles cross Karee river.
	Bindiario Waund.....	15		84 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.
	Gainda Bate.....	11	..	No water, some grass.
Hyderabad Territory, Political Agent at Hyderabad.	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.
Territories of the Ameers at Hyderabad, Assistant Political Agent at Hyderabad.	Addooree.....	10	4	Water and forage plentiful, the road as in the last stage.
	Futhey-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.
	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.
Ameer of Khyrpoor's Territory, Political Agent in Upper Scinde.	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.
	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 Khyrpoor'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; 3 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) $\frac{1}{2}$ 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,
	Sahib-ka-Turr.....	17		A small village no supplies. } Major LeMessurier's route for a description of the country.
	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.
	Nowa 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.**

*Viâ Khyrpoor and Deeje-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>viâ</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 $\frac{1}{2}$ mile and $\frac{1}{4}$ 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 $\frac{1}{4}$ a mile, grain and forage in abundance and other supplies procurable.
Kundiara.....	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 Kundiara, 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; Kundiara 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 Kundiara.
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 kutchas 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 $\frac{3}{4}$ 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, $\frac{1}{4}$ mile from the Indus.
	Gotanæ.....	1	4					Small village on the bank of the Indus, which is $1\frac{1}{2}$ 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 wa- ter 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.	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 kutcha 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 kutcha 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 kutcha, 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 Di- rection.	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 kutchu.		
		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		Cutchu 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 Ma- homed Khan's; 200 houses, 20 shops, 2 Mus- jeeds, dund water, river 3 coss on the left; on the left a swamp, 4 furlongs west Gote Put- ab 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 Pahtes, 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 Bob'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 out-side, Meer Sobadah's, 50 houses, 15 shops, 1 Musjeed, 1 Pagoda, has formerly been a much larger place, no cultivation round it. Bajree 15 Pahtes, 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 kutchu 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 Direction.	Distances.						REMARKS.
			Objects.		Stages.		Total.		
			Miles.	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	¼	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	¼	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 Direction.	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.

Date.	OBJECTS.	General Di- rection.	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, Kareela, 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			166	5½	Dry.
	Dund.....			2			168	7½	Water 4 yards, 2 feet, no Bri ge.

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 Musjeeds, 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 kutchu 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 Coas, 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 Jooar, 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 Oomanee 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 Mussee and Oodaja on right of road, and several dry nullas, road good in dry season.
	Ulyapur-jo-Gote	Ditto ..	1	1	Ditto....	None	20 Houses on right of Goonee, cultivation, cross a large dry nulla near the village.
	Surdai 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.
	Kahruija-ka-Gote	S. 31 W.	1		From wells dug in bed 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 Nusser Khan ka.	Bhaugeli-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, enter 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.	
Collector of Hyderabad.	Brought over.....		134	1				
	Lohanee.....	N. 35 W.	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	8	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 jungly 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.
	Hakimane-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. 59 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				

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 Shaik 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 Sinde; 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 Scinde 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.

Collector of Hyderabad, British Territory.

Civil District & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
	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.
	Kukralee.....	N. 16 W.		5½	From the above well.	Ditto....	4 Shepherds 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 Kutchas 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.
	Noanee.....	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 Noanee, 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, Jambah &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 pucca in 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 & Pol. 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 kutchu 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 kutchu 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 66 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			
	Islamcote.....	S. 41 W.	8	4	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	7½	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. 2½f. another canal 10 yards wide, at 1m. 6½f. 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. 3½f. a small dry tank on left.
	Chungheh-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	4½			

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 kutcha 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 kutcha 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 kutcha 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	Kutcha 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....	15 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.			
Collector of Hyderabad. British Territory.	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 Kutchawells 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 ½ 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 OMERCOTE.

Surveyed by Oreesing, in the month of November 1843.

Civil district & Poll. Authority.	NAMES OF PLACES.	Bearings.	Distances.		Water.	Supplies.	REMARKS.
			Miles.	Furlongs.			
British Territory.	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 kutchi 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 kutchi well seven furlongs on right.	2 Banians .	7 Sheppherds huts, country as before, sand 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 kutchi well, water good.	Ditto....	12 Huts, country jungly, sand hills called the "Thull" continue on right.
	Eyed.....	N. 62 E.		7	One kutchi 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 kutchi 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 kutchi 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 kutchi well on right, good water.	None.....	10 Huts, Musulmen, country as before.
	Chorawa.....	N. 4 E.	3	5	One kutchi 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 kutchi 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 kutchi 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 Omercote making the total distance 132 miles.

Depy. Assist. Qr. Mr. Genl'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. Genl. of the Army.