



District Survey Report

Kaushambi

AS PER NOTIFICATION NO.S.O.141(E) NEW DELHI,
15THJANUARY,2016MINISTRY OF ENVIRONMENT,
FOREST AND CLIMATE CHANGE (MoEF&CC)



MinesOfficer/
Mines
Inspector
Kaushambi

(MemberSecretary
DEAC)

Ex.Irrigation
Kaushambi
(Chairman
DEAC)

S.D.M (Sadar
Kaushambi
(Member
Secretary)
DEIAA

Ramendar Singh
(Member
DEIAA)

D.F.O.
Kaushambi
(Member
DEIAA)

D.M Kaushambi
(Chairman
DEIAA)

Revised District Survey Report Kaushambi

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1. Introduction:

The State of Uttar Pradesh has a long and interesting history of Mining of Minerals. In the early days Copper, Lead, Iron ore and Placer Gold have been mined on a small scale in parts of Himalayas, Bundelkhand and South-Eastern districts. In addition Vindhyan Sand/morrum Stone as building and Mill Stone were also mined in the districts of Agra, Allahabad and Mirzapur. Kaushambi district falls in Allahabad division and comprises of 3 tehsils namely Chail, Manjhanpur and Sirathu. It has 8 Blocks and 96 Nyay Panchayat. Manjhanpur town is the seat of administration of Kaushambi District. According to the 2011 census Kaushambi district has a population of 1,596,909. This gives it a ranking of 313th in India out of a total of 640 districts. It has a population density of 897 inhabitants per square kilometer. Its population growth rate over the decade 2001-2011 was 23.49%. Kaushambi has a sex ratio of 905 females for every 1000 males and a literacy rate of 48.2%.

At present 220 brick kilns are running in the district among which 191 EC has been issued for brick earth mining, for morrum 8 permit has been issued for 6 month leases in the district for total 354095.00 Cubic meter. On the basis of site visit based on field investigation and geology of the catchment area of the stream of the Yamuna River by the survey team The following mineral potential has been calculated besides above 6 months Permit. The potential reserve of the morum is available in the Chail and Manjhanpur Tehsil of The district and it is widely spreaded in 41 villages of the district. The potential reserve is widely spreading in the area of total 3695.9 Hectare (Approx) up to the depth of 1.5 to 2.5 meter. Approximately 6,01,03,500.00 cubic meter potential reserve of morrum is available in the district for the next five year patta. About Rs.901.6 crore of revenue can be generated from the sale potential reserve of the morrum in next five year @ of Rs 150/cubic meter (minimum royalty).

2. Overview of Mining Activity in the District:

District	Total Number of Brick kilns	Obtained EC	EC not obtained	Applied for EC	Notice issued to shutdown	Notice issued by Regional Office
Kaushambi	220	191	29	5	-	139

District	Total Number of Sand/morrum Leases/permit	EC Applied/EC obtained	Leases Cancelled
Kaushambi	8	08	-

3. The List of Mining Permit with location, area and period of Validity:

List of Morrum Permits/Leases:

S.No	Tehsil	Village/Zone No.	Gata No./khand No.	Total Area Acre)	Name of Mineral	Mineable Mineral Reserve (cum)	Valid Upto
1.	Chail	8	8/3	10	Morrum	40468.00	For 6 months only

2.	Chail	10	10/6	10	Morrum	30351.00	For 6 months only
3.	Manjhanpur	10	10/37	10	Morrum	46048.00	For 6 months only
4.	Manjhanpur	12	12/4	10	Morrum	40468.00	For 6 months only
5.	Manjhanpur	14	14/14	10	Morrum	40468.00	For 6 months only
6.	Manjhanpur	15	15/42	10	Morrum	40468.00	For 6 months only
7.	Manjhanpur	16	16/17	10	Morrum	60702.00	For 6 months only
8.	Manjhanpur	16	16/22	10	Morrum	60702.22	For 6 months only

The List of proposed Mining Leases/Patta for 5year with location, area and period of Validity:

S.No.	Name Of River	Tehsil	Village/Zone No.	Gata No./khand No.	Total Area (Ha.)	Name of The Mineral	Mineable Mineral Reserve (cum)	Proposed Patta Duration
1.	Yamuna	Chail	Shergadh	7/1 To 7/3	36-42	Morrum	5]45]000-00	5 Years
2.	Yamuna	Chail	Shergadh	7/4 to 7/7	48-50	Morrum	7]27]500-00	5 Years

3.	Yamuna	Chail	Naseerpur	7/8 To 7/10	36-42	Morrum	5]45]000-00	5 Years
4.	Yamuna	Chail	Sewadha	7/11 To 7/13	36-42	Morrum	5]45]000-00	5 Years
5.	Yamuna	Chail	Sewadha	7/14 to 7/15	24-28	Morrum	3]60]000-00	5 Years
6.	Yamuna	Chail	Byur	7/16 to 7/17	24-28	Morrum	3]60]000-00	5 Years
7.	Yamuna	Chail	Aughan Saidpur	8/1 To 8/2	24-28	Morrum	3]60]000-00	5 Years
8.	Yamuna	Chail	Rushai Saidpur	8/3 to 8/4	24-28	Morrum	3]60]000-00	5 Years

9.	Yamuna	Chail	Rushai Maharaniya Ka Pura	8/5 to 8/7	36-42	Morrum	5]45]000-00	5 Years
10.	Yamuna	Chail	Piprahata	9@1 to 9@4	48-50	Morrum	7]27]500-00	5 Years
11.	Yamuna	Chail	Piprahata	9@5 to 9@6	24-28	Morrum	3]60]000-00	5 Years
12.	Yamuna	Chail	Piprahata	9@7 to 9@8	24-28	Morrum	3]60]000-00	5 Years
13.	Yamuna	Chail	Umraul	9@9 to 9@10	24-28	Morrum	3]60]000-00	5 Years
14.	Yamuna	Chail	Umraul	9@11 to 9@12	24-28	Morrum	3]60]000-00	5 Years
15.	Yamuna	Chail	Umraul	9/13 to 9/14@14	24-28	Morrum	3]60]000-00	5 Years
16.	Yamuna	Chail	Umraul	9@15 to 9@17	36-42	Morrum	5]45]000-00	5 Years

17.	Yamuna	Chail	Nanda Ka Puarva	9@20 to 9@21	24-28	Morrumb	3]60]000-00	5 Years
18.	Yamuna	Chail	Nanda Ka Purava	9@22 to 9@23	24-28	Morrumb	3]60]000-00	5 Years
19.	Yamuna	Chail	Mohammdabad Kewat Purwa	9@24 to 9@26	36-42	Morrumb	5]45]000-00	5 Years
20.	Yamuna	Chail	Mohammdabad Kewat Purwa	9@27 to 9@29	36-42	Morrumb	5]45]000-00	5 Years
21.	Yamuna	Chail	Malhipur	10@1 to 10@3	36-42	Morrumb	5]45]000-00	5 Years
22.	Yamuna	Chail	Malhipur	10@4 to 10@6	36-42	Morrumb	5]45]000-00	5 Years
23.	Yamuna	Chail	Malhipur	10@7 to 10@9	36-42	Morrumb	5]45]000-00	5 Years
24.	Yamuna	Chail	Malhipur	10@10 to 10@11	24-28	Morrumb	3]60]000-00	5 Years
25.	Yamuna	Chail	Malhipur	10@12 to	24-28	Morrumb	3]60]000-00	5 Years

				10@13				
26.	Yamuna	Chail	Kataiya	10@14 to 10@16	36-42	Morrum	7 28 000-00	5 Years
27.	Yamuna	Chail	Kataiya	10@17 to 10@18	24-28	Morrum	3 60 000-00	5 Years
28.	Yamuna	Chail	Kataiya	10@19 to 10@21	36-42	Morrum	5 45 000-00	5 Years
29.	Yamuna	Chail	Kataiya	10@22 to 10@24	36-42	Morrum	5 45 000-00	5 Years
30.	Yamuna	Chail	Kataiya	10@25 to 10@26	24-28	Morrum	3 60 000-00	5 Years
31.	Yamuna	Chail	Kataiya	10@27 to 10@28	24-28	Morrum	3 60 000-00	5 Years
32.	Yamuna	Manjhanpur	Kataiya	10@29 to 10@30	24-28	Morrum	3 60 000-00	5 Years
33.	Yamuna	Manjhanpur	Bhakhanda	10@31 to 10@33	36-42	Morrum	5 45 000-00	5 Years

34.	Yamuna	Manjhanpur	Bhakhanda	10@34 to 10@36	36-42	Morrum	5 45 000-00	5 Years
35.	Yamuna	Manjhanpur	Bhakhanda	10@37 to 10@39	36-42	Morrum	5 45 000-00	5 Years
36.	Yamuna	Manjhanpur	Bhakhanda	10@40 to 10@41	24-28	Morrum	3 60 000-00	5 Years
37.	Yamuna	Manjhanpur	Diya	11@1 to 11@2	24-28	Morrum	3 60 000-00	5 Years
38.	Yamuna	Manjhanpur	Diya	11@3 to 11@4	24-28	Morrum	3 60 000-00	5 Years
39.	Yamuna	Manjhanpur	Diya	11@5 to 11@6	24-28	Morrum	3 60 000-00	5 Years
40.	Yamuna	Manjhanpur	Diya	11@7 to 11@8	24-28	Morrum	3 60 000-00	5 Years
41.	Yamuna	Manjhanpur	Diya	11@9 to 11@10	24-28	Morrum	3 60 000-00	5 Years
42.	Yamuna	Manjhanpur	Diya	11@11 to 11@12	24-28	Morrum	3 60 000-00	5 Years
43.	Yamuna	Manjhanpur	Diya	11@13 to 11@14	24-28	Morrum	3 60 000-00	5 Years

44.	Yamuna	Manjhanpur	Diya	11@15 to 11@16	24-28	Morrum	3 60 000-00	5 Years
45.	Yamuna	Manjhanpur	Diya	11@17 to 11@20	48-50	Morrum	7 27 500-00	5 Years
46.	Yamuna	Manjhanpur	Chhikawa	11@21 to 11@24	48-50	Morrum	7 27 500-00	5 Years
47.	Yamuna	Manjhanpur	Chhikawa	11@25 to 11@28	48-50	Morrum	7 27 500-00	5 Years
48.	Yamuna	Manjhanpur	Chhikawa	11@29 to 11@30	24-28	Morrum	3 60 000-00	5 Years
49.	Yamuna	Manjhanpur	Chhikawa	11@31 to 11@32	24-28	Morrum	3 60 000-00	5 Years
50.	Yamuna	Manjhanpur	Chhikawa	11@33 to 11@34	24-28	Morrum	3 60 000-00	5 Years
51.	Yamuna	Manjhanpur	Chhikawa	11@35 to 11@36	24-28	Morrum	3 60 000-00	5 Years
52.	Yamuna	Manjhanpur	Aingana	11@37 to 11@40	48-50	Morrum	7 27 500-00	5 Years
53.	Yamuna	Manjhanpur	Aingana	11@41 to 11@43	36-42	Morrum	5 45 000-00	5 Years

54.	Yamuna	Manjhanpur	Aingana	11@44 to 11@46	36-42	Morrurum	5]45]000-00	5 Years
55.	Yamuna	Manjhanpur	Aingana	11@47 to 11@49	36-42	Morrurum	5]45]000-00	5 Years
56.	Yamuna	Manjhanpur	Thana	11@50 to 11@52	36-42	Morrurum	5]45]000-00	5 Years
57.	Yamuna	Manjhanpur	Thana	11@53 to 11@55	36-42	Morrurum	5]45]000-00	5 Years
58.	Yamuna	Manjhanpur	Thana	11@56 to 11@58	36-42	Morrurum	5]45]000-00	5 Years
59.	Yamuna	Manjhanpur	Thana	11@59 to 11@61	36-42	Morrurum	5]45]000-00	5 Years
60.	Yamuna	Manjhanpur	Mahila	12@1 to 12@2	24-28	Morrurum	3]60]000-00	5 Years
61.	Yamuna	Manjhanpur	Mahila	12@3 to 12@4	24-28	Morrurum	3]60]000-00	5 Years
62.	Yamuna	Manjhanpur	Mahila	12@5 to 12@6	24-28	Morrurum	3]60]000-00	5 Years

63.	Yamuna	Manjhanpur	Mahila	12@7 to 12@9	36-42	Morrumb	5]45]000-00	5 Years
64.	Yamuna	Manjhanpur	Lohkar	12@12 to 12@14	36-42	Morrumb	5]45]000-00	5 Years
65.	Yamuna	Manjhanpur	Lohkar	12@15 to 12@17	36-42	Morrumb	5]45]000-00	5 Years
66.	Yamuna	Manjhanpur	Lohkar	12@18 to 12@20	36-42	Morrumb	5]45]000-00	5 Years
67.	Yamuna	Manjhanpur	Lohkar	12@21 to 12@23	36-42	Morrumb	5]45]000-00	5 Years
68.	Yamuna	Manjhanpur	Sonvara	12@24 to 12@26	36-42	Morrumb	5]45]000-00	5 Years
69.	Yamuna	Manjhanpur	Sonvara	12@27 to 12@29	36-42	Morrumb	5]45]000-00	5 Years
70.	Yamuna	Manjhanpur	Benraucha Hisampur	12@30 to 12@32	36-42	Morrumb	5]45]000-00	5 Years
71.	Yamuna	Manjhanpur	Hisampur Kaushambi	12@33 to 12@35	36-42	Morrumb	5]45]000-00	5 Years

72.	Yamuna	Manjhanpur	Kosham Khiraj	12@36 to 12@38	36-42	Morrum	5 45 000-00	5 Years
73.	Yamuna	Manjhanpur	Kosham Inam	12@39 to 12@40	24-28	Morrum	3 60 000-00	5 Years
74.	Yamuna	Manjhanpur	Kosham Inam	12@41 to 12@42	24-28	Morrum	3 60 000-00	5 Years
75.	Yamuna	Manjhanpur	Pali Singhwal	13@1 to 13@3	36-42	Morrum	5 45 000-00	5 Years
76.	Yamuna	Manjhanpur	Singhwal	13@4 To 13@6	36-42	Morrum	5 45 000-00	5 Years
77.	Yamuna	Manjhanpur	Pabhosha	13@7 To 13@8	24-28	Morrum	3 60 000-00	5 Years
78.	Yamuna	Manjhanpur	Pabhosha	13@9 To 13@12	48-50	Morrum	7 27 500-00	5 Years

79.	Yamuna	Manjhanpur	Badhari	13@13 To 13@15	36-42	Morrum	5 45 000-00	5 Years
80.	Yamuna	Manjhanpur	Badhari	13@16 to 13@17	24-28	Morrum	3 60 000-00	5 Years
81.	Yamuna	Manjhanpur	Badhari	13@18 To 13@19	24-28	Morrum	3 60 000-00	5 Years
82.	Yamuna	Manjhanpur	Badhari	13@20 to 13@22	36-42	Morrum	5 45 000-00	5 Years
83.	Yamuna	Manjhanpur	Badhari	13@23 to 13@25	36-42	Morrum	5 45 000-00	5 Years
84.	Yamuna	Manjhanpur	Badhari	13@26 To 13@28	36-42	Morrum	5 45 000-00	5 Years
85.	Yamuna	Manjhanpur	Dedhawa	14@1 To 14@2	24-28	Morrum	4 85 000-00	5 Years

86.	Yamuna	Manjhanpur	Dedhawa	14@3 to 14@4	24-28	Morrum	4]85]000-00	5 Years
87.	Yamuna	Manjhanpur	Dedhawa	14/ 5 to 14/6	24-28	Morrum	4]85]000-00	5 Years
88.	Yamuna	Manjhanpur	Dedhawa	14@7 To 14@8	24-28	Morrum	4]85]000-00	5 Years
89.	Yamuna	Manjhanpur	Dedhawa	14@9 to 14@10	24-28	Morrum	4]85]000-00	5 Years
90.	Yamuna	Manjhanpur	Katari	14@11 To 14@12	24-28	Morrum	4]85]000-00	5 Years
91.	Yamuna	Manjhanpur	Katari	14@13 to 14@15	36-42	Morrum	5]45]000-00	5 Years

92.	Yamuna	Manjhanpur	Katari	14@16 To 14@19	48-50	Morrum	7 27 500-00	5 Years
93.	Yamuna	Manjhanpur	Hatawa Abbaspur	15@1 to 15@3	36-42	Morrum	5 45 000-00	5 Years
94.	Yamuna	Manjhanpur	Hatawa Abbaspur	15@4 To 15@6	36-42	Morrum	5 45 000-00	5 Years
95.	Yamuna	Manjhanpur	Hatawa Abbaspur	15@7 to 15@10	48-50	Morrum	7 27 500-00	5 Years
96.	Yamuna	Manjhanpur	Bhawansuri	15@11 To 15@14	48-50	Morrum	7 27 500-00	5 Years

97.	Yamuna	Manjhanpur	Bhawansuri	15@15 to 15@18	48-50	Morrum	7 27]500-00	5 Years
98.	Yamuna	Manjhanpur	Bhawansuri	15@19to 15@21	36-42	Morrum	5 45]000-00	5 Years
99.	Yamuna	Manjhanpur	Bhawansuri	15@22 to 15@24	36-42	Morrum	5 45]000-00	5 Years
100.	Yamuna	Manjhanpur	Shahpur	15@25 to 15@27	36-42	Morrum	5 45]000-00	5 Years
101.	Yamuna	Manjhanpur	Shahpur	15@28 To 15@30	36-42	Morrum	5 45]000-00	5 Years
102.	Yamuna	Manjhanpur	Shahpur	15@31 To 15@33	36-42	Morrum	5 45]000-00	5 Years

103.	Yamuna	Manjhanpur	Shahpur	15@34 to 15@36	36-42	Morrum	5 45 000-00	5 Years
104.	Yamuna	Manjhanpur	Umrawan	15@37 to 15@38	24-28	Morrum	3 60 000-00	5 Years
105.	Yamuna	Manjhanpur	Umrawan	15@39 To 15@40	24-28	Morrum	3 60 000-00	5 Years
106.	Yamuna	Manjhanpur	Umrawan	15@41 to 15@42	24-28	Morrum	3 60 000-00	5 Years
107.	Yamuna	Manjhanpur	Naubasta	15@43 to 15@44	24-28	Morrum	3 60 000-00	5 Years
108.	Yamuna	Manjhanpur	Mahewa	15@45 to 15@46	24-28	Morrum	3 60 000-00	5 Years

109.	Yamuna	Manjhanpur	Mahewa	16@2 to 16@3	20-23	Morrum	4]00]000-00	5 Years
110.	Yamuna	Manjhanpur	Mahewa	16@4 to 16@6	24-28	Morrum	4]80]000-00	5 Years
111.	Yamuna	Manjhanpur	Mahewa	16@7 to 16@9	24-28	Morrum	4]80]000-00	5 Years
112.	Yamuna	Manjhanpur	Ramnagar	16@10] 16@11 and 16@12	30-35	Morrum	6]00]000-00	5 Years
113.	Yamuna	Manjhanpur	Ramnagar	16@13 to 16@15	36-42	Morrum	7]28]000-00	5 Years
114.	Yamuna	Manjhanpur	Jamunapur	16@16 to 16@17	24-28	Morrum	4]80]000-00	5 Years

115.	Yamuna	Manjhanpur	Jamunapur	16@18 to 16@19	24-28	Morrum	4 80 000-00	5 Years
116.	Yamuna	Manjhanpur	Jamunapur	16@20 to 16@22	36-42	Morrum	7 28 000-00	5 Years
117.	Yamuna	Manjhanpur	Dalelaganj	16@23 to 16@25	36-42	Morrum	7 28 000-00	5 Years
118.	Yamuna	Manjhanpur	Dalelaganj	16@26 to 16@28	36-42	Morrum	7 28 000-00	5 Years
119.	Yamuna	Manjhanpur	Mawai	16@29 to 10@31	36-42	Morrum	7 28 000-00	5 Years

120.	Yamuna	Manjhanpur	Balaa Ka Purawa Dheraha Nigaha	16@32 to 16@34	36-42	Morrum	7 28 000-00	5 Years
121.	Total				3825.52		5,48,97,500.00 Cu.met.	

In Ganga River Tehsil Sirathu near about 50 hect. area are also available for sand mining.

4. Detail of Royalty or Revenue received in last three years:

Royalty from Sand/Morrum:

S.No.	Year	Amount (in Rs.)
1.	2014-15	66,10,770
2.	2015-16	2,05,40,474
3.	2016-17	6,00,000
4.	2017-till date	10,55,86,000

Revenue from Office of Mines, Kaushambi:

S.No.	Year	Amount (in Rs.)
1.	2014-15	6,33,16,711
2.	2015-16	7,97,79,751
3.	2016-17	3,08,64,715

5. Detail of Production of Sand/morrum or Bajari or minor mineral in last three years:

Production of Sand/Morrum :

S.No.	Year	Production(Approximate)
1.	2014-15	158659.2 MT
2.	2015-16	492971.4 MT
3.	2016-17	7200 MT
4.	2017-till date	175842 MT (Approx) has been produced/extracted out of 637371.79 MT (according to 8 short-term permit of 6 months)

6. Process of Deposition of sediments in the river of the districts:

The Ganga & the Yamuna are the main rivers of the district. The district is mostly covered by the plains of the Ganga at eastern part and Yamuna at most part of the western stretch. These rivers play a vital role in the deposition of sediments. It has been estimated that 1.27cm layer per day of river borne mineral gets deposited every year during the inundation caused by the major riverine system formed of Ganga and Yamuna rivers.

Following factors impact the river cycle of weathering:

1. Annual Rainfall
2. Geographical Relief
3. Geology of the river course
4. Discharge of river and its tributaries
5. Activities nearby rivers (Man-made activities; forestation/deforestation, mining, ghats)
6. Engineering structures (Dams, diversions)
7. Climatic conditions.

7. General Profile of the District:

District Formation : 4th April 1997

District Headquarter: Manjhanpur

No. of Tehsil : 03

1. Manjhanpur

2. Sirathu

3. Chail

No. Of Blocks In Kaushambi-8

1.Chail

2.Kara

3.Kaushambi

4.Manjhanpur

5.Muratganj

6.Newada

7.Sarsawan

8.Sirathu

No. of Villages: - 868

1. inhabited villages -728 and 139 Forest village/Abandoned villages – 03
2. uninhabited villages-139

No. of Legislative Assemble seats: -

1. Sirathu
2. Chail.
- 3.Manjhanpur

Postal Code of Kaushambu : - 212207(Manjhanpur)

Nearest Railway Head : Shujaatpur railway station (9km)

Nearest Airport : Bamrauli Allahabad (39km,From Manjhanpur)

Nearest Port : Kolkata (790 km)

National Park : None

Wildlife Sanctuary : None

The present Kaushambi district was carved out of Allahabad district on 4th April 1997. The District Headquarter, Manjhanpur is situated in the south-west of the Allahabad on the north bank of the Yamuna river, about 55 km away from Allahabad. It is surrounded by the districts Chitrakoot in the South, Pratapgarh in the North, Allahabad in the East and Fatehpur in

the West. According to the 2011 census Kaushambi district has a population of 1,596,909. This gives it a ranking of 313th in India out of a total of 640 districts. It has a population density of 897 inhabitants per square kilometer. Its population growth rate over the decade 2001-2011 was 23.49%. Kaushambi has a sex ratio of 905 females over every 1000 males and a literacy rate of 48.2%

Major Soil Types: Older Alluvial soil consisting broadly of Bhur or sandy, Matiyar or clay rich and Domat or Loam.

Predominant Geological Formations: Quaternary Alluvial comprising of older and newer Alluvium over Vindhyan Plateau with lateritic capping at places.

Hydrogeology and aquifer group: District lies in the doab of Ganga and Yamuna. Groundwater occurs in thick zone of saturation of unconsolidated sediments. Two-tier aquifer system prevails;

I Tier	Phreatic Ground water level to 120 meter,
II Tier	Confined 150m to basement,

Major water bearing formation: Quaternary sediments deposited over concealed basement making to major freshwater aquifer groups.
 (Pre-monsoon Depth to water level during May'2012): 9.00 to 23.80 mbgl
 (Post-monsoon Depth to water level during Nov'2012): 5.04 to 19.05 mbgl
 Long term of water level trend in 10 years (2003-2012) in m/year:
 Rise=Nil, Fall=0.0545 to 1.1609

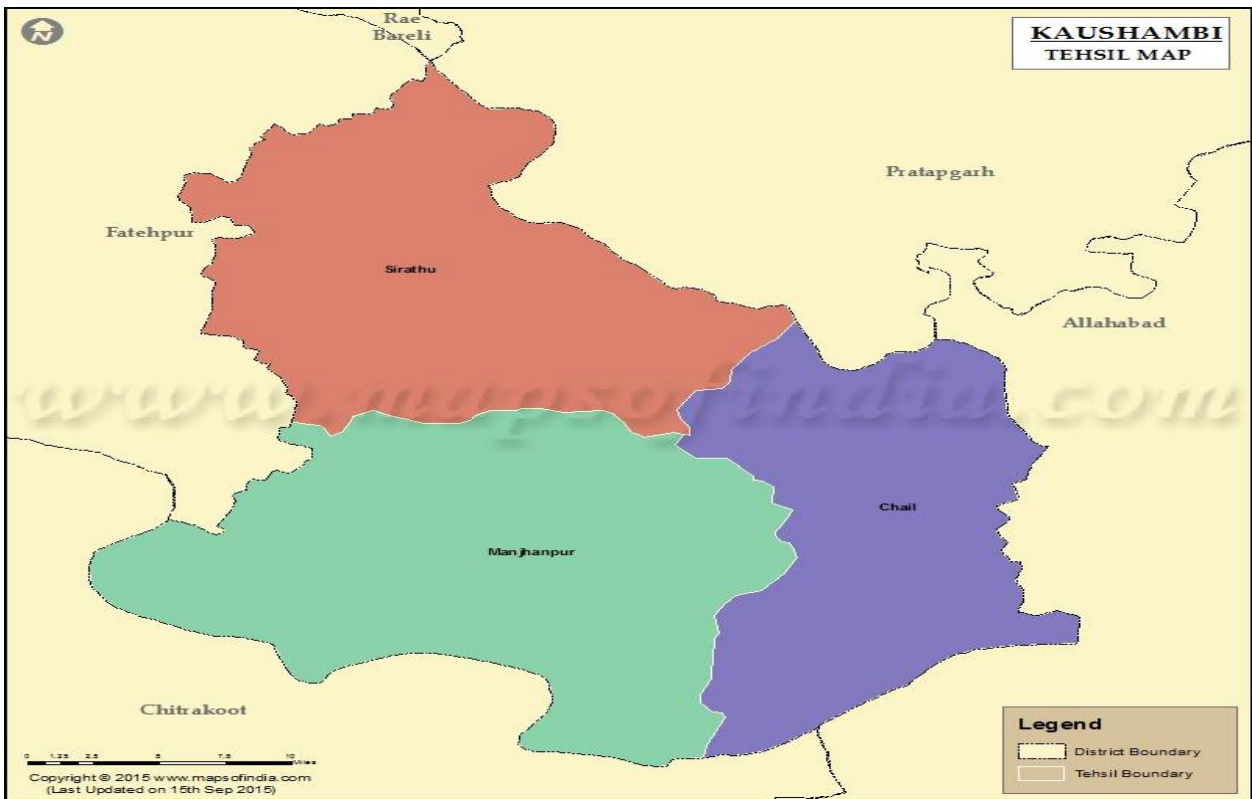
Groundwater Exploration by CGWB (As on 2012):

Depth Range(m) : 10166-282.60 mbgl
 Discharge (litres per minute) : 1000-4000
 Storativity (S) : N.A.
 Transmissivity (m²/day) : 2935 to 3660

CD Block/Town	Total / Rural / Urban	Area in square kilometer	Total Population			Population in the age group 0-6years		
			Persons	Males	Females	Persons	Males	Females
Kara	Total	255.05	210176	109502	100674	34618	17850	16768
	Rural	255.05	210176	109502	100674	34618	17850	16768
	Urban	0.00	--	--	--	--	--	--
Sirathu	Total	323.36	273438	142496	130942	45510	23710	21800
	Rural	323.36	273438	142496	130942	45510	23710	21800
	Urban	0.00	--	--	--	--	--	--
Sarsawan	Total	266.91	186956	98458	88498	33104	17257	15847
	Rural	266.91	186956	98458	88498	33104	17257	15847
	Urban	0.00	--	--	--	--	--	--
Manjhanpur	Total	206.37	171602	89458	82144	31714	16550	15164
	Rural	206.37	171602	89458	82144	31714	16550	15164
	Urban	0.00	--	--	--	--	--	--
Kaushambi	Total	230.26	171933	89807	82126	30339	15811	14528
	Rural	230.26	171933	89807	82126	30339	15811	14528
	Urban	--	--	--	--	--	--	--
Muratganj	Total	220.07	193355	101755	91600	33020	16997	16023
	Rural	217.36	184865	97342	87253	31660	16308	15352
	Urban	2.71	8490	4413	4077	1360	689	671
Kasiya	Urban	2.71	8490	4413	4077	1360	689	671

Chail	Total	90.71	92583	48992	43591	15301	7986	7315
	Rural	88.71	87518	46368	41150	14590	7612	6978
	Urban	2.00	5065	2624	2441	711	374	337
Mahmudpur Taluka Madpursult(CT)	Urban	2.00	5065	2624	2441	711	374	337
Newada	Total	220.49	188652	99904	88748	32280	16830	15450
	Rural	220.49	188652	99904	88748	32280	16830	15450
	Urban	0.00	--	--	--	--	--	--

MAP-DISTRICT KAUSHAMBI



8. Land Utilization Pattern: Forest, Agriculture, Horticulture, Mining etc.:

The forests cover in the districts, based on interpretation of satellite data of Oct 2008-Jan 2009, is 27Km² which is approximately 1.27% of the district's

Geographical area, in terms of forest canopy density classes, district has about 07Sq. Km. area under moderately dense forest and approximately 20 Sq. Km. under open forest. The main forest species are Mahuwa, Mango, Teak, Jamun, Bel, Tandu, Bamboo, Guava, Palas, Amla, etc.

Land Utilization			
i) Total Area	2015 - 16	Hectare	182006
ii) Forest cover	2015 - 16	Hectare	47
iii) Non Agriculture Land	2015 - 16	Hectare	27623
iv) Cultivable Barren	2015 - 16	Hectare	1360
v) Forest Area	2015 - 16	Hectare	246

As per record of forest department kaushambi total plantation is done in the year of 2015-16 is 77820 in 100.30 hec. and in year of 2016-17 total plantation is 292426 in 209.50 hec. is done.

9. Physiography of the district:

District Kaushambi is situated in the West of Allahabad district. In the North of the district Pratapgarh, in the south Chitrakoot, In the East Allahabad, in the west Fatehpur districts are located. The total geographical area of the district is 1903.17 Sq. Km. The coordinates of Kaushambi are 25⁰ 31' 26'' N latitude and 81⁰ 23' 41'' E longitude. It is an old town situated on the northern bank of Yamuna, about 55 km West of Allahabad. There are two physiographic units namely:

- i) Trans Ganga, and
- ii) Doab Yamuna.

Trans Ganga area is on the north of River Ganga and the Doab area lies between Ganga and Yamuna.

10.Rainfall: Month-wise:

Average Rainfall (mm) is 864.The climate is typical sub humid punctuated by long and intense summer and mild winters. About 88% of the annual rainfall is received from south-west monsoon. May is the hottest month with temperature shooting up I 44.80C. With the advance of monsoon by about mid June, temperature starts decreasing. January is usually the coldest month with the temperature going up I 120C. The relative humidity is highest during south-west monsoon ranging between 80% I 85% with its lowest around 30% during peak summer months of April and May. Average Rain Fall in District Kaushambi in the year 2016 as given below.

Year 2016 (in mm)											
Jan	Feb	March	April	May	June	July	Aug	Sep	Oct	Nov	Dec
4.8	0	5.1	0	2.4	103.2	176.6	167	54.3	11.4	0	0

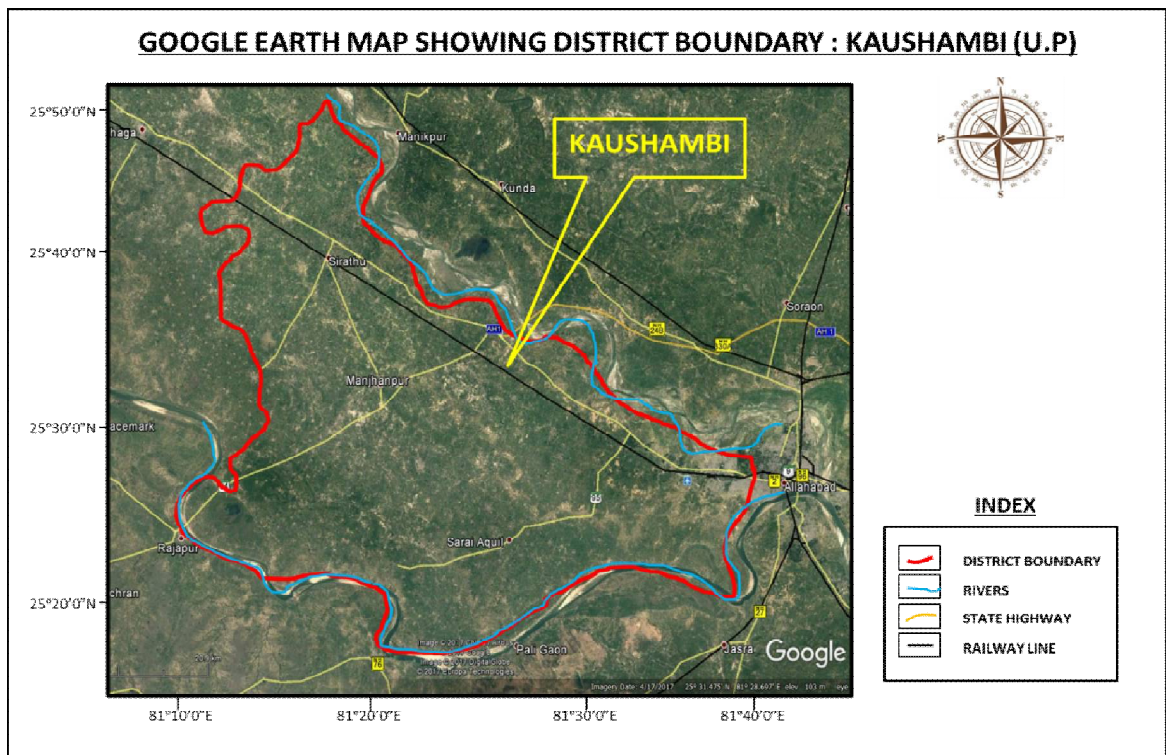
11.Geology and Mineral Wealth:

No mineral deposit is available in Kaushambi except for Ordinary Sand/morrum reported in some parts of the district. Production figure during the year 2014-17 is as under:

PRODUCTION OF MINERAL 2014-17-

S.NO.	NAME OF MINERAL	PRODUCTION in Tonnes 2014-2017
	MAJOR MINERAL	NIL
	MINOR MINERAL	

1.	Ordinary Sand/morrum	2014-15	158659.2 MT
2.	Ordinary Sand/morrum	2015-16	492971.4 MT
3.	Ordinary Sand/morrum	2016-17	7200 MT
4.	Ordinary Sand/morrum	2017-till date	175842 MT (Approx) has been prodused/extracted out of 637371.79 MT (according to 8 short- term permit of 6 months)



11(a) Salient Features of Important Rivers and Streams:

S.No.	Name of the River or Stream	Total Length in the district (in Km)	Place of Origin	Altitude at origin
1.	Yamuna	81 (approx)	Sarsawan	106m
2.	Ganga	52 (approx)	Kara	86m

Portion of the River or Stream Recommended for Mineral Concession	Length of area recommended for mineral concession (in Km)	Average width of area recommended for mineral concession (in meters)	Area recommended for mineral concession (in square meter)	Mineable mineral potential (in metric tonne) (60% of total mineral potential)
3696	78	450	35410000	55400000

DD Data Deficient

11.b: Mineral Potential in the District:

Boulder (MT)	Bajari(MT)	Sand/morrum (MT)	Total Mineable mineral potential (MT)
None	None	9,90,00,000.00 (approx)	9,90,00,000.00 (approx)

11.c: Annual Deposition:

Boulder (MT)	Bajari(MT)	Sand/morrum (MT)	Total Mineable mineral potential (MT)
None	None	9,90,00,000.00 (approx)	9,90,00,000.00 (approx)