

GOVT. OF RAJASTHAN
DISTRICT INDUSTRIES CENTRE,
SIROHI

INDUSTRIAL
POTENTIAL SURVEY

YEAR 2015-16

Prepared By

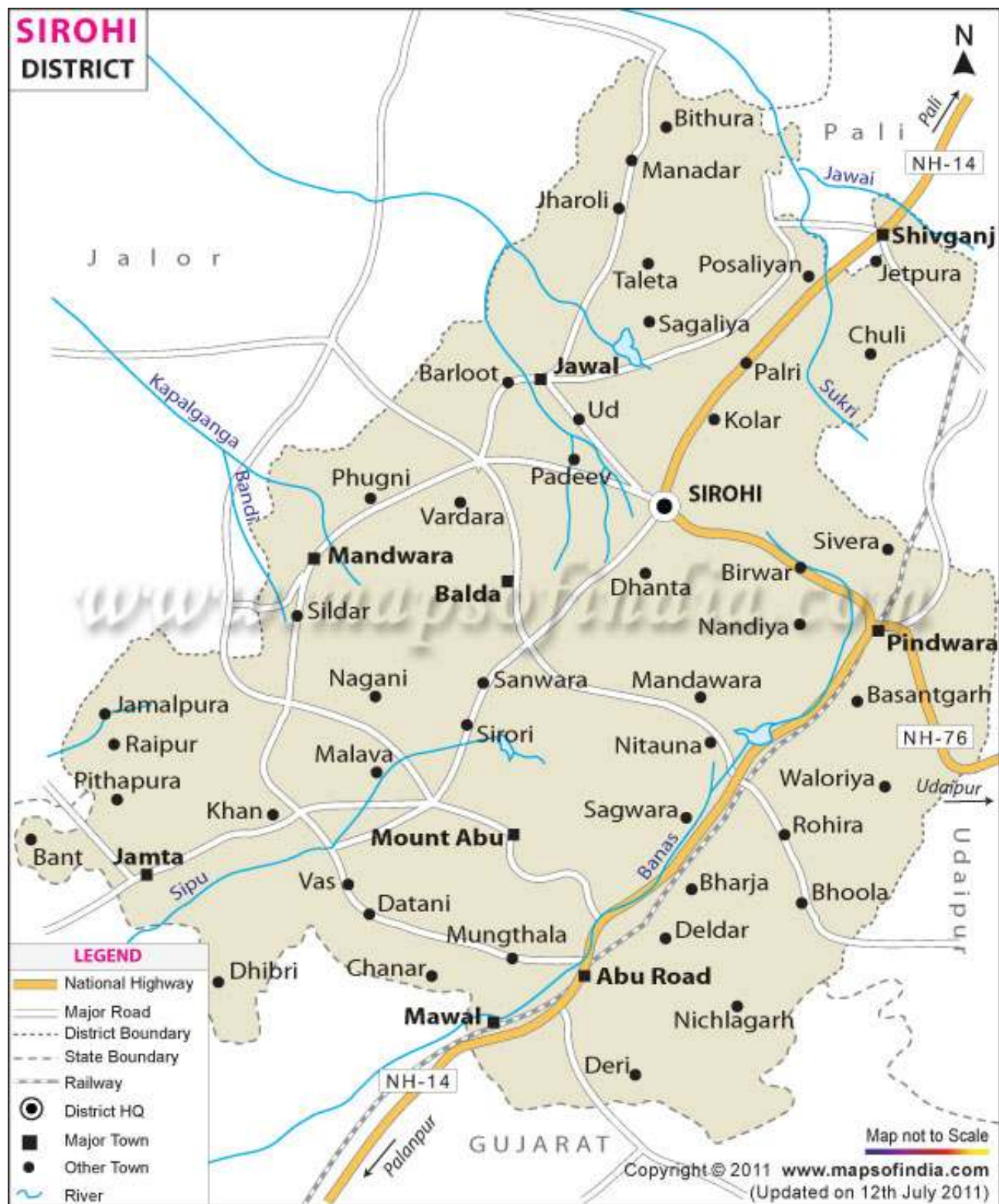
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INDUSTRIAL POTENTIAL SURVEY -2015-16 DISTRICT-SIROHI
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The district derived its name from , which at present is the district Headquarter , Sirohi town , however is said to have had taken its name from the saranwa hill, On the western slopes of which it stands. According to tod , the territory might have derived the name sirohi from its position at the head (sir) of the desert (rohi) . It has also been suggested that the original name of the town was shivpuri , of which the present name is a derivative . The word Sirohi also means a sword , and this has led some people to believe that this area was so named due to the widespread name and fame of the swords of the brave Deora Chauhan , who were the inhabitants of this erstwhile state.

The district is comprising of five sub- divisions namely , sirohi, Reoder Mont Abu, sheoganj and Pindwara. These sub –divisions are further divided into five Tehsis viz, sirohi, sheoganj, Reoder, Aburoad and Pindwara . Mount abu in the Aburoad Tehsil enjoys the status of being the only hill –station in the intire state of Rajasthan , and it attracting tourists not only from different parts of the country but also aburoad.

1.3 LOCATION AND GEOGRAPHICAL AREA

Sirohi is the one of the small districts of the state of Rajasthan . Its lie between 24° 24' to 25° 17' north latitude and 72° 16' to 73° 10' east longitude and is situated in the south-western part of Rajasthan . The district is bounded on the north –east by pali district , on the east by Udaipur district and on the west and north west by Jalore district of the state whereas it is bounded on south by Banaskantha district of Gujarat state. Which regar to the area figures for the district , it would be worth while to mention here itself that two terminology for area have been used in this survey report . One is the goeographical area whereas the second one is the reporting area. The former one hasbeen provided by the survey of india whereas the later one is basd upon the land Revenue record and the land use pattern. Howevr both these areas hasbeen reported in the 1991 Cences , and for the purpose of this survey report , taken from there itself , unless otherwise specified.

I would also not be out of place to mention here that is some discrepancy in the said two area , as reported in the 2011 Cences. The total reporting area of the district , arrived at on the basis of land revenue record and land –use pattern , is totally different from the total geographical area of the distirct . this is due to the fact that in the said cences , twosources with regard to the presentaton of area figure have been followed.

The figure for the total geographical area of the district havebeen taken from the survey of india . The urban area for a district has deducted from the surveyor general of india figure for the district as a whole to give the rural area at the district level . In the case of town, area figures havebeen collected from the municipalities and Tehsils and in a few cases. Where outgrowths are formed approximate urban areas hasbeen made use of . At the tehsil level however the total areas hasbeen arrived at by adding thr

urban and rural areas the latter having been obtained by adding up the areas of all its constituent villages /part –Village , thus it is seen in the 2011 cences report that while the sum of all the urban componensts at all the tehsil level turns out equal to the urban component at all the district level the same is not true areas as reported at the district level.

Sirohi district is as reported in the 2011 cences has a total geograophical area of 51.36 sq Kms. , which from 1.50% of the total areas of the state . The rural and urban area form 98.46% and 1.54% respectively of the total geographical areas of the district .However , as per the land revenue record and the land use pattern , the total responding area of the district is 571947 hactares , which works out to 5179.47 sq kms. The approximate area break up to total geographical area as well as the total reporting area for all the 5 tehsil of the district is indicated in the folowing table.

Table 1.1

AREA BREAK UP TEHSIL

S.No	Name of Tehsil	Geographical Area in sq kms.	Reporting Area in sq kms.
1	Sheoganj	985.72	903.30
2	Sirohi	1109.86	1118.25
3	Pindwara	1161.25	1171.08
4	Aburoad	885.45	892.94
5	Reoder	1084.72	1093.90

Source –Census and district plan , sirohi

1.4. LAND USE PATTERN

To assess the industrial potential of the district is would be of worth to explore the land use pattern, irrigation facilities , crops ,livestock, dairy , cattle development etc. Which provide a broad spectrum of resources inventory and resources base on which foundations of industrial growth are generally laid down . The following table depicts the land use pattern in the district.

TABLE 2.7
LAND USE PATTERN

S. No	CLASSIFICATION OF THE LAND USE	AREA IN HEC.
1	Forest	155461
2	Land put to Non Agriculture use	82523
3	Fallow land	34104
4	Net area sown	146442
5	Total Reporting area	192991
6	Total Area	517947

Source: District plan & Agriculture Office , sirohi upto 2014-15

Sirohi district is in the shape of an irregular triangle. A large part of the district is covered by west semi –desertic marked by isolated hills and chains of hillocks forming the eastern Aravali ranges whereas the Abu sirohi range divided the district into two parts . In the protion four groups of scattered hills area available , one each in tehsil sirohi and sheoganj and two in Reoder tehsil.

Detached hills of the Aravali range are situated in the south –east of the central portion of this district . Mount Abu is situated at a height of about 1219meters above the sea level and is on an irregular plateau . Which is surrounded by several projecting peaks and ridges , Another plateau is Oriya in Aburoad tehsil which is about 152 meters high and at a distance of approximately 8kms from Mount Abu . It llies below the main peak of guru shikhar which is at a height if approximately 1722 meters above the sea level and is the height point between the Himalayas and Nilgiri . East of the Abu hills , across the velley of banas is the track known as Bhakar , which consists of successive ranges of steel and rugged hills but they are not of great heights.Jawai is the largest and longest of the of the rivers of north –west , which eventually joins Luni. It rise in the Aravali hills and after flowing through various villages froms a boundary between pali and sirohi district . Western banas is the most importatnt river of the district draining almost all the area east of Abu sirohi rangs in pindwara and Aburoad tehsil . Other river which flow in the district are khari ,Sukri,Kachmaoli, or Bodi and Kapalganga Krishnavati the most important tributary of Khari also flows through the boundries of several villages of the district.

No natural lake exists in the district , However there are traces of old artificial ones at garh in the east and so also at other places . The picturesque Nakki lake holds pride of the place . An old reservoir called chandela is situated at the foot of Abu hills ,12kms . West of the Aburoad . The tanks famous in the district are jublee and sivera in pindwara tehsil , Akhela & Mansarover in the north –east of sirohi town , Lakherao in sirohi town , abbot at Matrimata , Dudhia between sarneshaveji & sirohi and visola , which is north of sirohi town on way to village kolar in sheoganj tehsil . Perennial spring of water are very few and small in the district.

1.6 ADMINISTRATIVE SET – UP

As already mentioned , sirohi district is comprising of five sub-divisions , sirohi Mount abu Reoder , sheoganj and Pindwara these sub divisionas are further divided into five tehsils namely , sirohi , shoganj,Reoder , Aburoad and Pindwara . As per the 2011 Census , there are 6 urban towm in the district out of which 5 have acquired the status of Municipal town whereas the sixth one , Bhawan in pinwara tehsil , although having all the characteristics of an urban area and also specified as census town , is yet to acquire this status. The district has a total of 474Number of villages

TABLE 1.2
ADMINISTRATIVE SET –UP

S. no	Sub Division	Tehsil	Municipal Town
1	Sirohi	Sirohi,	Sirohi, kalandri
2	Mount Abu	Aburoad	Aburoad, Mountabu , Bhavri
3	Reoder	Reoder	Mandar
4	Pindwara	Pindwara	Pindwara
5	Sheoganj	Sheoganj	Sheoganj

Depicts the Census town

Source :- 2011 Census and district statistics office , sirohi.

1.7 CLIMATE AND RAINFALL

Sirohi district has a very moderate climate, not at all very dry unlike its neighbouring district .The maximum Temperatures recorded in the district usually vary from 38Deg c. To 47deg.c. the minimum temperature recorded in the district -2deg.c. the average temperature of the district is however estimated at 17 deg.c. Rainfall is scattered and varies from place to place in the district .The rainfall , however shows a declining trend from south –Western part to north eastern part of the district .On an average the rainy days are 29 in a year in the plains whereas they are 53 at Mount abu .It would be worthwhile to mention here that the rainfall at mountabu is much higher than at the station in the plains of the district .The average annual rainfall recorded in different tehsil of the district for the year 2003 stood at 46.1Cms for sheoganj , 53.1 Cms for sirohi , 54.8Cms for Pindwara, 509 Cms for aburoad and 51.3 Cms for Reoder . The highest average rainfall of 200.3Cms was recorded in Mountabu whereas the average annual rainfall for the entire district was recorded at 384.79 Cms for the same year .The average humidity recorded in the year 2003 was 52.36%.

S.No	Rainfall Recorded in 2013-14	In MM
1	Sheoganj	477.00
2	Sirohi	685.00
3	Pindwara	906.00
4	Aburoad	773.00
5	Reoder	694.00
6	Mount Abu	1515.00

Irrigation Deptt , Sirohi

1.8 FOREST , FLORA AND FAUNA FOREST AND FLORA

As per the recorded of land revenue Department , 163865.048 Hec. Of land ,(Sirohi 131250.652 hec and Mout Abu 32614.396 hec.) which works out at 29.17% of the total reporting area of the district , was under forests during the year 2012-13 . A Major portion of the district is covered by trees and bushes . The most common tree is Dhak which is found on the low rocky hills scattered all over the district . A part from the use of its timber as

firewood , it is also utilized for preparing carts and agricultural implement . Other trees found are Neem , Peepal , Ber , Tamarik, Bar and gullar .

Amongst the bushes which cover tree fourth part of the plains of the district , worth mentioning are Ber , Anwala and Khair together with Khejra , Babool jhal or Pilu and Khair or Karel, which are found at isolated places all over the district . Thor is found through the district especially on the hills around the base of Mount abu and Dhak in the area where the soil is deep and good . The bark of Dhak tree is used in making ropes for the water pots of persian wheels.

The tree and shrubs found on the slopes and round the base of Abu hills are Bamboo , Aam species of Dhao , Rohida the horse-raddish tree etc. This area is considered richest in vegetation in the entire state of Rajasthan . On the higher parts is found Ambartari which clings to mango and other trees, Stinging nettle and Karanda are also found in abundance.

FAUNA

The fauna of the district is rather varied , although not very plentiful , panther species are commonly found whereas wild pig species are available in most of the hill of the district . Revine Deer (chinkara) species are fairly common while fourhundered Antilopes species are rarely available . Tiger species and Black Bear species are found on the Abu- sirohi ranges and in the Nimbaj hills in the south –west while chital (cervus axis) species confine themselves to the grass – land and lower and oower slopes of the Aravalis in the south east . Neelgiri (Boselaphus Tragocamelus) species are seldom sen and the Black – Buck species are very rare. Regarding small game , grey partridge , Hare,Quail and sandgrouse species are found in the district. Jungle – Fowl species are plentiful in Mount abu region and some other high hills while Florican species inhabit some of the large grass presrves. There is also a game sanctuary at Mount abu which was established in the year 1960-61.

1.9 GEOLOGY AND MINERALS

The delhi super group of rocks occupy the Aravali ranges in the eastern part of sirohi district and so also the small chain of hills to the west of Mount abu .There are various type of rock found in the district and the prominent ones are phyllites , quartzites,schists,Limestone , Mica,Marble, Calcium silicate etc. These rocks ranges in age from 1400 to1650 million year and are intruded by the gray Erinpura and pink jalore granites. The subsequent rhyolotes are ancient volcanic rocks that erupted sometime between 745 and 1000 Million years ago whereas a variety of basic rocks near Mer-mandwara area , Which from a ring structure , are considered to have erupted during the cretaceous period.

A varity of major minerals are also found in the district . Some of them are calcite , Limestone and Wollastonite. Small pocket of calcite are available near Bhoola and Moras villages of pindwara tehsil and Tankya ,

Siyava, and Upla Khajra villages of Aburoad tehsil , Limestone is available at villages Danvav, Morthala, Kiwari ,Maval and Akra – padoori area of Aburoad tehsil , sizeable deposits of Wollastonite have been discovered in the Upla Upla Khajra area of Aburoad tehsil . It would be worthwhile to mention here that the major portion of wollastonite deposits falls within sirohi district . This mineral is used in the ceramic , paint , paper and plastic industries Large multistage reserves , of about a million tonnes , of copper , Lead and Zinc have also been found in Deri village of Aburoad tehsil , whereas a number of smaller deposits are located near villages Basantgarh and Rohida of Pindwara tehsil , village Goli of Sirohi tehsil and Swaroopganj etc.

In addition to the above mentioned minerals found in the district , there are large deposits of good quality marble at Hara Magra near villages Selwara, Perva , Serawa and Bhatana of Aburoad and Taleti near Mount Abu.

2.1 HUMAN RESOURCES POPULATION

State population :- 56473122

Human Resources is the basic input for planning the existing and future industrial development of an area . The total population of the district as per 2011 census is 10.36 Lac which about 1.83% of the total population of the state.

The district was having 5.34 Lac male and 5.02 Lac Female constituting 51.55% and 48.45% respectively of the total population of the district . It is also important to mention here that 79.87% population lives in the rural area whereas remaining 20.13% in the urban area. The sex ratio (the number of female per 1000 males) was 949 for the district as against the sex ratio of 910 for the state. The density of population is estimated at 202 persons per sq. Kms which is slightly lower than the density of the state at 195 persons per sq. Kms.

As per the data available in the 2011 census out of the total population of the district at 10.36 Lac the persons belonging to SC and ST categories were 2.01 Lac and 2.92 Lac respectively indicating that about 47.70 % of the total population of the district belong to SC/ST categories . Percentage of SC population is 19.24% whereas this percentage at the state level is 17.29% , likewise ST population percentage in the district is 23.39% whereas this percentage at the state level is 12.44% only.

LITERACY 2001

As per the 2011 census the total number of literacy persons in the district is 3.10 lac are males and 1.67 lac female .Population of female aged 7 years and above was 2.68 lac whereas it was 2.56 lac for female. Thus the percentage of male literacy in the district work out of 70.58 % which is about 6% lower than the state percentage of 76.46% , similarly , female literacy percentage is 37.37% which is again lower than the state percentage of 44.34% The overall literacy rate registered in the Sirohi district is 54.39%, which is also lower than the state percentage 61.03% . The data pertaining to literacy in the district is given in the following table.

TABLE 2.1
LITERACY LEVEL

Total population of the district	10.36 Lac
Total Number of literacy in the district	4.77 Lac
Total Number of male literacy in the district	3.10 Lac
Total Number of female literacy in the district	1.67 Lac
Literacy rate in the rural areas of the district	48.5%
Literacy rate in the rural areas of the state	55.92%
Literacy rate in the urban areas of the district	77.6%
Literacy rate in the rural areas of the state	76.89%

The Literacy rates registered in different tehsil of the district are as follows.

Sheoganj	59.7%
Sirohi	60.00%
Pindwara	54.00%
Aburoad	57.00%
Reoder	47.9%

The higher percentage of SC/ST population and the lower of literacy rate , especially in the rural areas of the district indicate towards economics backwardness of the areas.

The male- female urban population of Sirohi district, Tehsil wise, as per 2011 census is depicted in the following table.

TABLE 2.2
TEHSIL WISE MALE- FEMALE URBAN AND RURAL POPULATION
(AS PER 2001 CENSUS)

S. No	Tehsil	Total	Male	Female
1	Sheoganj	142329	73042	69287
2	Sirohi	186079	94753	91236
3	Pindwara	261686	134882	126804
4	Aburoad	224404	116769	107635
5	Reoder	221848	114785	107063
	Total	1036346	534231	502115

Source: 2011 census and district statistic office, Sirohi.

Similarly, Tehsil wise male-female rural population of the district as per 2001 census is as given under.

2.1.1 WORKING FORCE AND OCCUPATIONAL PATTERNS

The total working force in the district is estimated at 2.04 Lac persons representing 31.25% of the total population of the district whereas the state ratio of working force is 31.62% out of 2.04Lac if total working force of the district. 1.65Lac persons are male which is 49.34% of the total male population of the district. Likewise 0.39Lacs of female working force is available in the district which is 12.19% of the total female population of the district. Out of the total working force 82.91% live in the rural areas and remaining 17.09% in urban areas of the district. The occupational distribution of working force as per 2011 census is given in the following table.

TABLE 2.3 (A)

WORKING FORCE AND OCCUPATIONAL PATTERN

S.N	Occupational	Male	Female	Total	Percentage
1	Cultivators	68932	13152	82084	40.16
2	Agriculture labourers	24071	18917	42988	21.03
3	House Hold	4692	818	5510	2.69
4	Animal Husbandry forestry Fishers and Horticulture	9480	1233	10713	5.24
5	Industry	10797	438	11235	5.50
6	Mining	1072	255	1327	0.65
7	Construction works	5876	481	6357	3.11
8	Commerce and Business	15104	817	15921	7.79
9	Transport & Communication	6088	75	6163	3.01
10	Service Repairing and other	19443	2649	22092	10.82
	Total	165555	38835	204390	100.00

TABLE 2.3 (B)

WORKING FORCE AND OCCUPATIONAL PATTERN

S.N	Occupational	Male	Female	Total	Percentage
1	Main workers	195040	50722	245762	28.9
2	Marginal worker	24451	73692	98143	11.5
3	Workless	218458	28744	507202	59.6
	Total	437949	153158	851107	100

TABLE 2.3 (C)

DETAIL OF MAIN AND MARGIONAL WORKERS

S.N	Occupational	Male	Female	Total	Percentage
1	Farmers	68932	42861	111793	32.5
2	Farming labours	20582	41522	52104	18.0
3	Familiar Industrial labours	6144	4015	10159	3.0
4	Others worker	123833	36016	159849	46.5
	Total	219491	124414	333905	100

Source: 2011 census and district statistic office, Sirohi.

2.2 WATER AND IRRIGATION RESOURCES

The availability of water in the district can be believed under following two major heads.

- A. Major Rivers
- B. Other Resources

2.2.1 MAJOR RIVER AND LAKES, Drinking Water

There are six rivers passing through the district, but all of them are non-perennial and have the water flow only for as long as the monsoon seasons lasts. And 67 tanks of sirohi distt – Angore, Dhanta, Kameri, Poidra, Akhelao, Mansarowar, Lakhelao, Nimbora, Varal, Phachariya, Chadwal, Tawari, Amlari, Poonawa, Velangri, Jawal, Kurnia, Bageri, Moongthala, Girwar, Kui Sagna, Mahadev Nallah, Chinar, Ore Nallah, Vajna, Mandowari, Ranelao, Kala Danta, Chandelao, West Banas,

Valoriya, Gangajali, Tokra, Butri, Udvariya, Mandar Nallah Ist, Karodidhaj, Panch Deval, Sangarli Khera, Thal, Jeerawal, Badechi, Palri khera, Dolpura, Bado ka padar, Sukli Selwara, Barloot, Nawara, Bhaisa Singh, Godawa, Ora, Saroop Sagar, Kadambari, Bhula, Ker, Mandwara, Godana Dhrubana, Kailash Nagar, Fatkeshwar, Moras, Krishna Sagar, Kana Kolar, Palri Karan Sagar, Durbana, Badgaon, Khara, Jubli, Luneri. The names the covered length of these rivers is as given in the following.

TABLE 2.4
MAJOR RIVER

S. No	Name of the river	Covered length Kms.
1	Banas	59.50
2	Sukri	20.00
3	Khari	17.50
4	Kapal Ganga	15.00
5	Sipa river	42.00
6	Krishnavati river	35.00
7	Jawai river	15.00

Source: District plan & Water Resource office, sirohi upto 2014-15

2.2.2 OTHER IRRIGATION FACILITIES

The principal sources of irrigation in the district are wells/tube- wells. The total area irrigation in the district in the year 2011-12 was 134173 hec. Out of which 96310 hec. Which work out to 70% was irrigated by wells and tube –wells only Apart from wells and tube –wells , the other sources of irrigation are tanks and canals by which a total of 41573 hec. Out of the total irrigated area, which work out to 30% was irrigated. The source wise irrigation facilities for the year 2012-13 are however, given in the following table.

TABLE 2.5
SOURCES WISE IRRIGATION FACILITIES

S. No	Source	Irrigation area in Hectares	Percentage to total
1	Wells and Tube wells	19381	59.0
2	Tank & Canals	13468	41.0
3	Total	32849	100
4	Dams	67 Number	-

Source : Land Revenue Records & Agriculture Office , 2014-15and district plan , sirohi.

2.3 EDUCATION FACILITIES / INSTITUTIONS

2.3.1 The network of Educational Institutions functioning in the district hasbeen found as given under.

TABLE 2.6

NETWORK OF EDUCATIONAL INSTITUTIONS

S. No.	Description	Number
1	Primary & Middle school	Govt.Priy. =466 UPS= 239 Total=705 PVT.Priy.=128 UPS= 166 Total=294
2	Secondary & Hr. Secondary	Govt= 187 Private= 64
3	U.G./P.G. Colleges	04
4	I.T.I.	04
5	Polytechnic	Govt.=01 Pvt. =01
6	STC/Diet	01
7	School for Blind People (Mt Abu private)	01
8	Engineering college	02
9	Management Ins. (Private)	01
10	Bed college. (Private)	07

Source : Deptt. Of Education , 2014-15

Among the ITI the trade in which training is being at ITI Aburoad are steno, Fitters, Wireman, and Diesel Mechanic at ITI Sirohi are Electronics , Electrical and fitters and ITI Sheoganj are Electrical and Mechanic trade.

In the only polytechnic college of the district the deploma course are being runned in the trade of Computer Science Eng.,Electronics and Electrical Engineering Disciplines.

Sr. No.	Name of Collage	Trade
1	ITI Collage Sirohi	Electronics, Electrical & Fiiter
2	ITI Aburoad	Steno, Fitters, Wireman and Diesel Mechanic
3	ITI Sheoganj	Electrical and Mechanic

2.3.2 MEDICAL Facilities

As on March 31, 2014 the network of medical and Health facilities in the district was as under.

TABLE 3.8

NETWORK OF MEDICAL AND HEALTH FACILITIES

S. No.	Description	Number
1	Hospital	01

2	Primary Health Centre	29
	Block PHC	05
	CHC	06
3	Maternity & child welfare	01
4	T.B. Hospital	01
5	Sub Centre	191
6	Ayurvedic Hospital A category	02
7	Ayurvedic Hospital – Dispensaries	63
8	Homeopathic– Dispensaries	04
9	Unani – Dispensaries	01
10	EYE Hospital	01
11	Blood Bank	01

Source : Office of CM&HO & Ayurved office , sirohi 2014-15

There are one nursing Collage in Sirohi District.

2.3.3 VETERINARY FACILITIES

The detail of veterinary infratucture for various inputs and services for breed improvement cattle and health care for animals etc. Are available in the district . The network of facilities in the district is as given in the following.

TABLE 2.10
VETERINARY FACILITIES

S. No	Facilities	Number
1	First Grade Veterinary Hospital	13
2	Veterinary Hospital	24
3	Veterinary Sub center	37
4	Veterinary check posts and chaukis	01
5	Veterinary Dispensaries	07
6	Veterinary Goushalas	21
7	Diagnostics Labouratory	01
8	Bahu-Uddeshay hospital	01
7	Distt.Mobile unit	01
7	Tehsil level Mobile unit	05

Sourc : Animal Husbandry Deptt. , Sirohi.

2.4 Area and Production of Major of Crops

Agriculture is the main occupation of the people of Sirohi district .Out of the total work force available in the district, 40.16% is engaged in the agriculture activities and they depend upon the land for their livelihood. The total reporting area of the district is 517947 hac. Out of which the net sown area is 147609 hac. Constituting 27.68% of the total reporting area. The gross shown area is 187069 hac. .The main Rabi and kharif crops sown in the district are wheat, Barely, Mustered, Bajara, Jwar, Maize pulses. Ground nut Arandi, small millet, Isabgol, cotton, and Til etc. Fallow land is 67907 hec. And land not available for cultivation is 288639 hec.

2.4.1 MAJOR CROPS

There are two crop seasons in the district wise , the kharif or locally called Barasala and the Rabi or locally called Unali the Rabi crops are usually sown in November whereas the kharif crops begin with the first rains in july. The principal crops grown in these seasons area as under.

Rabi Season : Wheat, Barley, Gram, Isabgol,Rape& Mustered and other non-food crops like oil seeds, species and psyllium seed etc.

Kharif Season : Maize, Bajra, Jwar, Pulses , cotton, Arandi, small millet and oil seeds like Til the Ground nut etc. The figure areas and production of principal crops for the year2012-13 are as under.

TABLE 2.8

MAJOR CROPS

S.r.	Product	Quantity (in Tonnes)
1	गेहूँ	91527
2	मक्का	45660
3	जौ	2572
4	बजरा	10692
5	जीरा	2576
6	ईसबगोल	86
7	कपास	11208(Bales)
8	सौफ	6148
Horticulture		
1	पपीता	5080
2	टमाटर	4070

Source : Agriculture Deptt. , sirohi.
(Rabi crops- 2013-14& Kharib crops-2014-15)

2.4.2 Pluses

S.r.	Product	Quantity (in Tonnes)
1	चना	4442

2.4.3 Oil Seeds

S.r.	Product	Quantity (in Tonnes)
1	रायडा	25056
2	अरण्डी	51008
3	मूँगफली	12162

2.4.4 Flori Culuture

There are no Production of flori Culuture in Sirohi District.

2.5 LIVESTOCK

2.5.1 Apart from Agriculture animal husbandry is also a major allied activity to supplement the farm income fo people of the district . Livestock plays an important role in the economic development of an area . The main livestock of sirohi district are Cows, Goats, Buffaloes, and Sheep . The district has large cattle population as per 2012-13census and the detail of the livestock population are given below.

TABLE 2.9

LIVESTOCK POPULATION

S. No	Category	Population of Livestock	Percentage to Population
Dairy			
1	Cows		
A	Crossed Based	924	19.79
B	Indigenous	200834	
2	Buffaloes	166892	16.37
	Total	201758	
Leather			
3	Sheeps	251707	24.69
4	Goats	342736	33.63
5	Horse and Ponies	315	.03
6	Mules	-	-
7	Donkeys	1495	0.15
8	Camels	5533	0.54
9	Pigs	457	0.04
Farming			
10	Poultry	48384	4.75
	Total	1019279	-

Source : Animal Husbandry Deptt. , Sirohi.

2.5.2

WOOL SUPPLY

In the district flocks of mixed breeds of sheep and goats are reared mainly for the wool and meat by a majority of small marginal and land less labourers by availing finance under the Govt. Subsidized scheme . The important sheep breed found in the district is Marwari while the goat breed available in the district is known as sirohi breed which is mainly a mulch breed . The present status of these activities is stable and long sustaning and it also indicats further scope and potential for future bu no district level office for the development of sheep and wool is functioning at sirohi . Only for the small sheep and wool extension centers are working one at sirohi and other at Reoder , Sheoganj , Pindwara, which are providing service pertaining to the arrest and control of diseases , vaccination etc. By organizing camps all over the district at frequent intervals. However to provide facilities for breed improvement enhancing wool production etc, it has been proposed to establish an office of the D.L. office at the district Head quarters . Deposit having good potential in the district no organized program hasbeen undertaking so for this activities. The sheep and wool department and Banks can explore the possibilities of financing larger economy units of this activities so as to enhance the wool production and provide opportunities for the growth of woollen textile ind. However as per the data available from integrated sample survey report for estimation of major livestock products each sheep yields approximately 1.34 kgs of wool every , thus there is potential for 440.25 Tonns of wool per annual within the district . Crapet weaving activities has not been considered seriously so for in the district and a large quantity of wool produced in the district is being supplied other place like Ahmedabad surat etc, hence some depending upon the available of unconsummated wool as it would certainly contribute towards the development ot the by enhancing the local employment opportunities through growth ot such industries.

2.5.3

Meat Availability

There are rare availability meat in sirohi district, but I there are not in Mandi in Sirohi distrct.

2.5.4 Leather Availability

Leather			
3	Sheeps	251707	24.69
4	Goats	342736	33.63
5	Horse and Ponies	315	.03
6	Mules	-	-
7	Donkeys	1495	0.15
8	Camels	5533	0.54
9	Pigs	457	0.04

The mineral have in important role in the economy of the district and in regard of available variety of mineral , sirohi district occupies second position in the state .The main minerals occure in the district are limestone , wollestonite, base metal like lead, zinc, copper, tungsten, calcite etc. The detail of various minerals deposits are being given in the paragraphs that follow.

(1)LIME STONE

A) KIVERLY BANAS AMLI BELT

This limestone belt extends from Balda in south Amli in the north for about 50 km the width varies from 100 meters to 1 km About 400 million tonnes of cement grade limestone deposite have been assessed in this belt containing 44.4 to 50 percentage calcium oxide . The limestone is gray in colour hard compact crystalline and medium grained.

B) KUI SIYAVA AREA

About 3 million tonnes of limestone resources having 42 to 50 percent calcium oxide , are envisaged in this area . The limestone occere in this areas as narrow grayish black in colour width varying from 0 to 10 meters.

C) AKRA BHATTA, PANDURIDHANERAO, MORTHALA AREA

These area are located in north of Aburoad with lime stone reserves of 30 million tonnes.

D) KIVERLY AND DERLA AREA

The area is about at 12 km north east Aburoad . The nearest railway station is kiverly . The limestone reserved of about 31 million tonnes containing 44.4 to 55.00 percent of calcium oxide are existed in the area.

E) BHARJA TARUNGI AREA

It is north eastern continuity of kiverly limestone area and falls about 4 km east of bhimana railway station . Limestone of this is fine grained dark gray , highly, joined and extends for about 2.5 km with 6. to 150 meters width . Around 18.80 million tonnes of limestone containing 42 to 45 percent calcium oxide exist in this area.

F) VATERA ROHIDA AREA

This area falls further north east fo Bharja area and is 12 km south east of saupganj railway station . Limestone of medium , coarse grained and gray , broun in colour occurs in this area Reserves of the order

of 40 million tonnes limestone with 44 to 51 percent of calcium oxide are expected in this area.

G) KANTAL PINDWARA AMLI AREA

This limestone band extends for about 15 km sirohi Road is the nearest railway station . The limestone extends for about 7 km having width of 1 km with 42 to 47 percent of calcium oxide . The reserves of about 200 million tonnes are expected in this area.

H) BHATANA LIME STONE DEPOSITS

It is located about 1.5 km in west north of Bhatana which is 80km south west of Aburoad , the limestone is medium to coarse grained and extends for about 130 meters strikes length with 15 to 25 meters with .

I) BADECHI LIMESTONE DEPOSITS

These are located at about 4 km in west of Bhatana villages . The limestone extends for about 1 km with 20 to 30 meters width . The limestone is of chemicals grade having about 54 percent of calcium oxide content.

J) SELWARA LIMESTONE DEPOSITS

The deposit is located 4 km north east of Reoder , it is medium to fine grained , crystalline and white in colour . It extends for about 2.5km strick lengh with 50 to 500 meters width , about 15 millions tonnes of reserves are expected having 51.8 to 52.9 percent of calcium oxide , which may used in manufacturing fo white cement.

K) PEWARA SERWA LIMESTONE DEPOSITS

These are at about 32km in east of Aburoad Railway station . The limestone is crystslline and white gray in colour . It extends for about 1km strike length with about 30 meters width . The calcium oxide content varies from 51.5 to 52.5 percent . The reserves of about 1.35 million tonnes are expected on two areas.

(2) WOLLASTONITE

The main occurrences are located in Bel-ka-pahar area which is about 35 km in north east of pindwara the area is under the lease of M/s Wolkem india Ltd. This is being used for ceramic and pottery ind. And can also be used in high refractors and electrical insulation.

(3) BASED METALS

Base metal deposits of land zinc and copper havebeen located at Derigolia , Basantgarh, Ajari, and Pipela area. Deri and Basantgarh havebeen leased out to M/s RSMDC and M/s Hindustan

corporation Ltd. Respectively in Deri area reserves of about 1 million tonnes of lead and zinc copper were estimated in Basantgarh area about 3.66 million tonnes of copper zinc reserves have been found out with found out with 1.8% average copper and 3.26% zinc. In Pipela area a reserves of about 0.73 million tonnes have been found out of which 0.56 million tonnes contain 1.23% copper and 0.17 million tonnes contains 2.08% zinc.

(4) TONGSTON

The tongston deposit are found near Rajpura Balda, area about 6km North east of Sirohi town. The tongston occurs in the form of wolfrinite along with felspar and some tin also.

(5) ASBESTOS

Small occurrences of asbestos are found near village Baribhy of Pindwara tehsil. The deposit falls under the reserved forest area.

(6) SOAP STONE

The soap stone occurrences are found near Bhola village of Pindwara tehsil. The deposits is the inferior other occurrences of soap stone are found in Kalia Marga Kot Morga area.

(7) MARBLE

Sirohi district is well known for its marble occurrences. Other deposits of marble are found in Serwa, Perwa, Bansal, Badechi and Khandra area.

(8) CALCITE

The calcite found in the district is snow white, off white and light yellow coloured. At times, transparent calcite also occurs, Sirohi district produces nearly 10 % of the state production and ranks at second place after Udaipur.

The pure varieties of calcite are used for the manufacturing of bleaching powder for imparting glaze in pottery. Transparent bear crystals are used in Rubber, Textile, Paper, Mills, glass, and sugar factories. It is also used in making lime gas purification oil and salt refining plants etc.

MINERAL PRODUCTION

The mineral production in the district during the year 2014-15 remained as under.

TABLE 2.11

PRODUCTION OF MINERAL(In MT)

Mineral	No. Of Lease	Year 2014-15 Production in Tone
Limestone(Cement Grade)	5	12009471
Calcite	4	43921
Wollestonite	2	166741
Masonry stone	92	635500
Granite	56	330713
Marble Block& Khanda	83	669478
Lime stone (Crucher)	27	280600
Lime stone	9	4470
Qaurtz, Felspar	20	21200
Bajri	4	240000

Source : deptt. Of Mines ,Sirohi

2.7 FOREST RESOURCES

In accordance of the land revenue record as on 31 march 2013 an area of 137216 hec, i.e. about 29.44 % of the total reporting area of the district is under forest . The tree commonly found in the forest of sirohi district are dhak, Neem, Pipal , ber, gular, khejra, babul, etc. And the main forest product exploitable commercially are found tendu leaves , bamboo , firewood, and charcoal , grass, sealing wax , gum, and barks of some of the tree.

Tendu patta	1268.700Million begs Rs. 586500/- Revenue
Fire Wood	No
Fruit flower	37.00 Lacs
Awal (Leather color)	1.553 Lacs
Grass	10.57 Lacs
Honey wax	0.12 Lacs
Coal	No

2.8 TOURISM

Sirohi district attracts a large number of tourists every year to Mt Abu the only hill station in the state for the natural beauty and also at the famous architecture work of Delwara temples . main haritege place Achalgarh , Gurushikhar, Adherdevi, Nakkilakh, Sunset point, Peace park, Gyansarovar, Pandubhavan, Santiwan, Santibhavan, Todrock, Honymoon point etc, As per statistics available for the year 2014-15 the total visitors to the district during this period were more than thirty lacs out of which foreigners were 13330 and indian were 2206525 in number . The district have two 3 star Hotels Namely Hotel Hilton , Hillock palace, Three Haritage hotels namely kama Rajputana , Bikaner palace & Connaught House. Looking to the arrival of tourists, there is an ample scope of hotels in the district. Since there is a growth trend in schools, collages and universities in the district hence hostels for boys and girls can be promoted to invite universities.

Sr. No.	Name of Hotels	Accommodation
1	Hotel Hilton	25
2	Hotel Hillock palace	30
3	Kama Rajputana	40
4	Bikaner Palace	20

Tourism Deptt. Mount Abu.

EXISTING INFRASTRUCTURAL FACILITIES

3.1 Power Resources

Infrastructure facilities like power , Transport communication , banking, educational, Health etc. Play a vital role in the promotion and development of industries in an area. A brief account of such facilities available in sirohi district is being given in the following paragraph.

3.1.1 RURAL ELECTRIFICATION

As on March 31, 2015 of the total 455 villages including uninhibited villages in the district , the number of total electrified villages was found at 450 i.e. 100 % electrified due to non submission of application for connection by villages have been electrified in the district till March 31, 2014 total 461 villages hasbeen electrified .

As per Rajasthan state Electricity Board record the district has 157871 connection the break up of which is as under.

3.1.2 Electricity Consunption Pattern

TABLE 3.2

ELECTRICITY CONSUMERS DETAILS 2014-15

S. No	Category	Total
1	Domestic	136356
2	Non Domestic	14804
3	Industrial	
	A) Small	1968
	B) Medium scale	362
	C) H.T. Connection/ Large	148
4	P.H.E.D.	491
5	Public – Lighting	206
6	Agricultural	22889
7	Other	501
	Total	177725

Source : SE(o&m),JVVNL Sirohi

3.1.3

EXISTING POWER SUPPLY POSITION

There is 220 KV grid sub station near sirohi town and three 132/33KV sub station at sirohi , pindwara, Reoder , and Aburoad , Apart from he above stated sub station one 132/11 KV JG SS is also locates at Aburoad . A good number of 33/11 KV sub station are located at sirohi , Aburoad , Anadra , Rohida, Palri Posalia, Kalandri, Velangari, Kailashnagar, Mermmandavada, Manpur, Mandar, Dantrai, sirohi, Reoder, swaroopganj etc.

The existing position and capacity of grid substation in the district was found as given under.

TABLE 3.1

S. No	G.S.S.	Capacity (In M.V.A.)
1	220/132 KV sirohi	50 MVA x 4= 200 MVA
2	132/33 KV sirohi	25MVA x 1, 12.50x2 = 50 MVA
3	220/132 KV pindwara	100x01= 100 MVA
4	132/33 KV pindwara	12.5x2=25MVA
5	132/33 KV Aburoad	10/12.5,20/25MVA=37.5 MVA
6	132/33 KV Aburoad(khara)	10/12.5MVA
7	132/33 KV Reoder	10/12.5, 20/25 MVA =37.5 MVA

Source : JVVNL Sirohi

However the length of different type of lines upon 31 march 2015 in Km has remained as under.

- A. Sub Division office - 11 B. 33 KV Sub Station – 65
 C. 11 KV Line 5786.94 KM D. LT Line 5028.73 KM
 E. 33 KV Line 655.920 KM

3.1.3

WATER

The availability of water on sirohi district from various sources has already been discussed in detail under para 2.2 of the Report.

3.2 TRANSPORTION
3.2.1 ROAD NETWORK

The Road Transport has an important role in regard of economic development of a district . The total length as per information available from public work Deptt. As on march 31, 2012 is estimated at 1449 kms /Meters of which the breakup is as under.

TABLE 3.3
ROAD NETWORK IN THE DISTRICT

S. No.	Category	Length (In Kms)
1	National Road	160
2	State Road	185
3	Village Road	1639.51
4	Four line Road	60
5	District Road	295
6	Major District Road	63.80
7	Air Strips	02
8	Urban Road	63.00

Source : Public work Deptt. 2015.

3.2.2 VEHICLES on Road

TABLE 3.4
REGISTRATION OF MOTOR VEHICLE

S. No.	Category	Number(31 March 2015)
1	Busses	201
2	Truck (including Mini truck,Auto, Dev van Etc.)	4003
3	Jeep Private/Car	4600
4	Jeep (Taxi) 6 to 10 seater	5487
5	Two Wheeler	103360
6	Car	5826
7	Tractors	10324
8	Passenger vehicle	8965

Source : Transport office sirohi 2015.

3.2.3 RAIL TRANSPORT

As per information available from district source a 62 kms length of Ahmedabad Delhi board gauge railway line passes through the district and service only panchayat samities, namely Aburoad, and pindwara there are total 9 railway .

3.3 Network of COMMUNICATION FACILITIES

The communication facilities existing in the district include post office telegraph office, telephone exchange , public call office , local call officers and trunk service etc. As per statistics available the following network of communication facilities was found in the district internet/ E – mail facilities are also provided by Bharat Sanchar Nigam Ltd. Of Govt. Of india in the district.

TABLE 3.5
NETWORK OF COMMUNICATION FACILITIES

S. No.	Description	Number(31 March 2015)
1	Head Post office	01
2	Sub post office	23
3	Telegraph office	--
4	Telephone Exchanges	103
5	Custmer Care centre	20
6	Mobile Towers of BSNL	67
7	G.M. of BSNL	01
8	Branch post Office	395

Source : Post & BSNL office , sirohi 2015.

3.4 BANKS AND FINANCIAL INSTITUTIONS

BANKING INSTITUTIONS

As on March 2015 there were only 98 branches of various commercial banks 62 , Regional Rural banks 31, RFC 1 and 14 of Co – operative Banks in the district the breakup of which was found as given under .

TABLE 3.6
NETWORK OF BANKING FACILITIES

S. No.	Name of the Bank	Number of Branches
A	Commercial Bank	
	1) SBB&J	20
	2) State bank of india	09
	3) Punjab National Bank	04
	4) Bank of Baroda	06
	5) Union Bank of india	02
	6) Central Bank of india	02
	7) ICICI bank ltd.	04
	8) Oriental Bank of Commerce	02
	9) Alahabad Bank	01
	10) Sindicat Bank	02
	11) Canera bank	01
	12) Axis Bank	01
	13) IDBI Bank	01
	14) IOB Bank	01
	15) HDFC Bank	01
	16) Corporation Bank	01
	17) UCO BANK	01
	18) BOI BANK	01
B	MGB Gramin Banks	31
C	Co – operative Banks (PLDP & SCCB)	14
D	R.F.C.	01
	Total	108

Source : Lead Bank office Sirohi 31-3-2015.

As on March 2015 the avarage coverage of population and area by each bank in sirohi district were estimated at about 8600 Number of people and 68 sq Km of area simultaneously the deposit advance ratio was also estimed at 32.52%.

3.4.1 Total Bank Finance

TABLE 3.7

Sr No.	Bank Name	Finance
1	State Bank of India	13146
2	State bank of Bikanera and Jaipur	51133
3	Allahbad Bank	961
4	Bank of Baroda	8517
5	Bank of India	299
6	Canara Bank	266
7	Central Bank India	1829
8	Corporation Bank	368

9	IDBI Bank Ltd	808
10	Indian Overseas Bank	207
11	OBC Bank	1778
12	Syndicate Bank	494
13	PNB	4607
14	Uco Bank	645
15	Union Bank of India	1840
16	ICICI Bank	9696
17	HDFC Bank	10238
18	Axis Bank	436
19	RMGB	22169
20	DCCB	21694
21	PLDB	1262
22	RFC	1168
	Total	153561

3.4.2 OTHER INSTITUTIONAL NETWORK

Apart from the existing banking network , the people are also getting service & financial assistance from RIICO ltd. , Rajasthan financial corporation and the rajasthan Khadi Gramodhyog Board from their district level office.

3.5 DIC & OTHER CONCERNED INSTITUTIONS

However the office of the DIC in this district is located at sirohi with its sub office at AbuRoad , Simultaneously , the regional office of RIICO Ltd is located at Aburoad and Asstt. Regional office of RIICO is located at sirohi in sirohi district.& RFC office is Located at Aburoad. One training Center of R seti in Sirohi and One Training Center of RKVIB in Mount Abu.

3.6 INDUSTRIAL AREAS

During the year 2015 total 4678 bighas government land has been identified by RIICO for development of seven new Industrial areas in district Sirohi. Details of which are as follows :-

At present, as on March 31 2015 there were ten industrial areas development by RIICO which are located at sirohi , Aburoad , Sheoganj , Sirohi Road, Mandar, and swaroopganj. The detail of these industrial areas was found is given under.

TABLE 3.8 (A)
EXISTING STATUS OF INDUSTRIAL AREAS 31 March 2014-15

S. No	Location	Number	Rate In p sqm	Area in Acres	Plots Devel opment	Plot Allotted	Plot Vacant	Nearest Railway station
1	Ambaji,	301	500	226.89	301	297	4	Aburoad

	Aburoad							
2	Arbuda, Aburoad	152	300	55.66	152	146	6	Aburoad
3	Growth Centre, Ph-I Aburoad	63	250	48.20	63	53	10	Aburoad
4	Growth Centre Ph-II Aburoad	349	250	517.06	349	268	81	Aburoad
5	Swaroopganj	139	325	64.57	139	110	29	Swaroopganj
6	Sirohi Road	148	300	75.21	148	147	1	Sirohiroad
7	Mandar(Reoder)	29	150	7.23	29	29	0	Aburoad
8	Sirohi old	17	150	8.56	17	17	0	Sirohiroad
9	Sarneshwarji (sirohi)	169	450	59.00	169	166	3	Sirohiroad
10	Sheoganj	262	400	108.84	262	261	1	Jawaibandh
11	Sheoganj Ext.	160	450	59.79	160	144	16	Jawaibandh
12	Sheoganj Old	11	150	7.43	11	11	0	Jawaibandh
		1800	3675	1238.44	1800	1638	162	

Source : RIICO LTD. , Aburoad.

With the development of these new industrial areas more and more investment will be attracted for setting up of cement based industries, Masala Industries, Steel Industries, Plastic based Industries, Readymade Garment industries, Mineral grinding Industries and agro based food Processing industries etc., approximately eighty thousand skilled/non skilled/ unskilled persons will get employment.

TABLE 3.8 (B)

Sr. No.	Name of Village	Revenue land
1	Village Udvariya Tehsil Pindwara	149.07 Bigha
2	Village Pipela Tehsil Pindwara	429.01 Bigha
3	Village Malgoan Tehsil Reodar	459.00 Bigha
4	Village Badgoan Tehsil Sheoganj	111.14 Bigha
5	Village Alpa tehsil Sheoganj	166.66 Bigha
6	Village Rajpura Tehsil Sirohi	2404.15 Bigha
7	Village Oda Tehsil Sheoganj	431.01 Bigha

4.1 EXISTING INDUSTRIAL STATUS

The sirohi district of the category of No industry district earlier and had drawn all the concession & facilities of NID district simultaneously its boundries touches to gujrat state and have after being declareds NID in past its industrial growth has accelarated very fast with incoming of entrepreseurs from our own state as well as fromGujrat state. There were 1575 Registered Industrial units up to 1983 in the district. The Present Scenerio of Industrial growth of district is as follows(31 March 2015)

Sr. No.	Industrial Units	No.
1	Total Registered Units	6815
	Employment	27892
2	Large Scale Industries	6
	Employment	4464

Bifurcation of Small & Tiny manufacturing & Service Enterprises are as Follows :-

Sr. No.	Year	Manufacturing	Service
1	2006-07	122	16
2	2007-08	241	38
3	2008-09	197	54
4	2009-10	180	81
5	2010-11	177	73
6	2011-12	187	79
7	2012-13	188	63
8	2013-14	213	60
9	2014-15	131	36

Yearwise Regisered Artisans

Sr. No.	Year	Artisan ID Card	ACC
1	2006-07	120	40
2	2007-08	139	50
3	2008-09	294	120
4	2009-10	374	155
5	2010-11	379	145
6	2011-12	376	130
7	2012-13	394	110
8	2013-14	70	--
9	2014-15	24	--

LARGE SCALE INDUSTRIES

Presently as on march 31, 2015 there are 6 Number of industries under the category of large industries in the district . The detail of these units is given under.

TABLE 4.1
LIST OF LARGE& MEDIUM SCALE INDUSTRIES IN SIROHI DISTRICT

S. No	Name & Location of the units	Products Manuf.	Gross Inves. In crore	Employment In Numbers	Remark
1	M/s J K Laxmi Cement Ltd., J K puram	Portland Cement	1904	727	Runing
2	M/s Binani Cement Ltd Binanigram	OPC 43 grade OPC 53 grade PPC	17622.5	1104	Runing
3	M/s Wolkem India Ltd Sirohiroad	Calcite & wollestonite lemp/powder	32.29	352	Runing
4	M/s Marudhar Yarn P Ltd. Tirupatinagar Aburoad	Synthetic blended yarn	34.95	800	Runing
5	M/s Modern Insulator Ltd. Karoli Aburoad	High tensile insulators	206.67	883	Runing
6	M/s Bhansali Engg. Polymers Ltd. Ambaji ind.Area Aburoad	Abs- plastics san	178.91 in lacs	210	Runing
7	M/s Pristine Ind. Ltd. B-129A,130, 131 Ambaji Ind. Area, Sirohi	PP Woven Sacks	16.56	49	Running
8	M/s. Gulsan Polyols Ltd. E-21&22, RIICo G.C. Ph-II, Maval, Aburoad	Calcium earlonox	9.81	29	Running
9	M/s Markap Resources Pvt. LTd. SP-237, RIICo G. C. , Phase-II, Aburoad	Rubber Sheet and Granules	9.69	27	Running
10	M/s Trivedi Corp Pvt. LTd. SP-229, 230,231, RIICo G. C. , Phase-II, Aburoad	Marble and Granite Slabs	6.39	96	Running
11	M/s Proec Energy Ltd. SP 222, 223, Riico G. C. Phase-II, Maval, Aburoad	Marble and Granite Slabs and Gwargum Powder	6.58	4.00	Running

4.2 EXPORT POTENTIAL ITEMS

As regard to medium /large scale industrial vntures the potential for exports can be explored for the products like cement , marble /Granite titles and polyster & synthetic yarns.

Marble Artical granite slabs pecepfated silica , wollestonite , calcite basic. Psyllium Husk Khakha, Marble Pot Senna Handicraft & Wooden Handicraft , OPC 53 GR PPC Clinker, High Tensile Insulators, Polished Grainite , Plastic Granuets (ABS,SAN),A list of exportry units in the district is as under.

TABLE 4.2

EXPORTY UNITS IN SIROHI DISTRICT

S.No	Name and Address of Units	Export Item	Country Name (Importer)
1	M/s Jyot overseas P Ltd. Arbuda I.A. Aburoad	Psyllium Husk Khakha	USA, Europe,
2	M/s Banjara Marble Articals, Ricco ind. Area Sharoopganj (pindwara)	Marble Pot Senna Handicraft & Wooden Handicraft	Italy,Spian,Belgium
3	M/s S.K. Exports Complex RIICO Growth centre Aburoad	-Nil-	-Nil-
4	M/s Malvia Crafts Ind. Ltd. Arbuda I.A. Aburoad	-Nil-	-Nil-
5	M/s Wolkem India Ltd Sirohiroad (Pindwara)	Wollestonite powder, Wollestonite lump calcite powder	Australia,Belgium,Canada,france germany, italy, japan, malesia, netherland,srilanka,thailand,USA , Spain,US
6	M/s Binani Cement Ltd Binanigram (Pindwara)	OPC 53 GR PPC Clinker	Nepal
7	M/s Modern Insulator Ltd. Karoli Aburoad	High Tensile Insulators	Italy, china, UK ,S.Africa, Australia, France,Brazil, malaysia, maxico, swedon, Iran , germany, USA,argentina,Turkey,swizerland, Norvey, Russia, Tiwan
8	M/s Min-Pro Ricco Ind. Sirohiroad	Wollestonite powder	Belgium,germany, japan, Thailand, korea,
9	M/s Marvel granite P Ltd. Ambaji I.A. Aburoad	Polished Grainite	U.A.E
10	M/s Galent Granite P Ltd. Ambaji I.A. Aburoad	Polished Grainite	U.A.E
11	M/s Mount Granite Ltd. Ambaji I.A. Aburoad	-Nil-	-Nil-
12	M/s Bhansali Engg. Polymers Ltd. Ambaji ind.Area Aburoad	Plastic Granuets (ABS,SAN)	Australia
13	J K Laxmi cement Ltd. J K Puram (Banas) Pinwara	-Nil-	-Nil-

5.1 Taking into account various advantage concessions and facilities offered by the Govt. For setting up the industries ventures in the district a package of different potential industries has been identified for setting up in the district . While identifying such projects the factors taken into account were availability of facilities and concessions , raw material and other material resources , infrastructural facilities need of local population & industries location of the district etc. Keeping in mind that sirohi is one of the No industry district the potential industries which are resources and demand based have been discussed in this following paragraph.

5.1.1 RESOURCES

Human and material resources have already been discussed in chapter –II of the report . It may be seen there from that the district is endowed with a variety of rich minerals resources like limestone , wollestonite, base, mates like lead Zinc and copper , tongston, calcite, etc. And the district occupies second position in the state . A number of industries based on mineral may further be set up in the district , besides , scope, also exists for setting up agrobased and forest based industries in the district.

As regard to livestock the district has the population of about 9.64 lac of livestock which provide substantial qualities of wool , meat, hides, and bones, sources of the industries based on livestock resources may also be planned to process these surpluses.

5.1.2 INFRASTRUCTURE

The infrastructure such as power rail and road network , communication , industrial training facilities presently available in the district will need to be augmented considerably in order to meet out the requirement of the existing industries and to copy with the growing demand for such facilities from the envisaged industrial development programme . Rail net work is although well development in the district and district is connected with broad guage railway with Aburoad as main railway station . But district head quarter sirohi & main town sheoganj is not connected with railway network , which should be connected immediately.

5.2 SUGGEATED STRATEGY FOR INDUSTRIAL DEVELOPMENT

To further accelared the pace of industrial development in the district , it is essential first to prepare a more strong indusstrial base in the district mainly as regard to require infra structure facilities , enhancement in technical as well as entrepreneurial skill and improvement in the condition of artisans and household sector. Simultaneously , it is also important to list out those potential industries which have a good scope in the area . Still the strength of the district are , its location , enterprising population variety of rich minerals resources livestock population forest produces and lastly as sirohi being listed category No indusrtly district . It attracts the entrepreneurs from other states by way of packages of fiscal incentive both from central and state Govt.

5.3

POTENTIAL INDUSTRIES

After doing the SWOT analysis of the district the following package of industrial ventures has been suggested to further promote the industrial development in the district

Detail of proposed industries in the year 2015-16 in sirohi district.

TABLE 5.1
LIST OF THE POTENTIAL INDUSTRIES 2015-16
DISTRICT INDUSTRIAL CENTRE SIROHI

S. No	Name of industry	No. of Unit	Fixed Inves. In lacs	Emp. No.	Suggested location	Remark
(A) Resource base industries						
1	Mineral grinding	50	4000	600	Swaroopganj, Aburoad, Sirohi, Reoder	
2	Stone grit	20	1000	350	Aburoad, pindwara	
3	Marble chips&powder	30	1500	450	Aburoad	
4	Milk Chilling	20	200	200	Mandar, Reodar	
5	Marble sowing	18	90	200	Aburoad, sirohiroad	
6	Tomato catchup	7	140	100	Aburoad	
7	Marble Tiles&slabs	20	3000	400	Aburoad, sirohiroad	
8	Cement base	20	180	250	Pindwara	
9	Masala Ind	25	100	150	Sheoganj	
10	Textiles base	50	500	350	Sheoganj, Aburoad, Sirohi	
	TOTAL	260	10710	3050		
(A) Demand base industries						
1	Marble decorative item	20	200	200	Aburoad, sirohiroad, Saroopganj	
2	Mosaic tiles cement	10	200	100	Sirohi, sheoganj, Aburoad	
3	Utensils cleaning powder	40	1600	500	Maval, Aburoad, Sirohi	
4	Engineering workshop	20	100	100	Sirohi, Swaroopganj	
5	Tyre Retreading	3	50	20	Aburoad	
6	Wooden Furniture	20	200	140	Sirohi, sheoganj	
7	Fabrication&Agre.imp.	15	300	100	Aburoad, Sirohi, Sheoganj	
8	Motor Rewinding w.s.	2	10	4	Aburoad	
9	Wooden toys	5	20	20	Swaroopganj, mandar	
10	Stationery items	10	70	50	Sirohiroad, Aburoad	
11	Cattle feed	25	500	100	Shoganj, Sirohi, Reoder	
12	Masala Grinding	10	200	50	Swaroopganj, Aburoad, Sheoganj	
13	Sweet & Namkins	10	300	60	Aburoad, Sheoganj, Sirohi	
14	Ready Garments	10	80	50	Sheoganj, Aburoad	
15	Handicraft fancy	8	80	32	Mount abu, Siyava	
16	Dhaba etc	15	200	150	Aburoad, Mount abu	
17	HDPE Woren sacks/fabric	2	200	42	Sheoganj, Aburoad	
18	Cold storage	4	350	20	Sheoganj, Aburoad, Mandar	
19	Poshahar	1	10	1	Sheoganj, Aburoad	
20	Mineral Water	10	200	70	Aburoad	
21	Achar Murabba	15	60	75	Aburoad, mandar	
22	Computer Hardware, software	12	125	36	In sirohi district	
23	Mobile Repairing	13	39	26	In sirohi district	
24	Oil Mill	20	1000	200	Sheoganj, Sirohi	
	TOTAL	300	6094	2145		

EM-II under MSME Act,2006 in sirohi District 2014-15 (Manufacturing)

TABLE 5.2

S. No.	NIC 2004	Description	TOTAL
1	1	AGRICULTURE,HUNTING AND RELATED SERVICE ACTIVITIES	
2	15	MFG OF FOOD PRODUCTS AND BEVERAGES	7
3	17	MFG OF TAXILES	17
4	20	MFG OF WOOD & WOOD PRODUCTS	4
5	21	MFG OF PAPER & PAPER PRODUCTS	1
6	24	MFG OF CHEMICALS AND CHEMICAL PRODUCTS	3
7	25	OF RUBBER AND PLACTICS PRODUCTS	4
8	26	MFG OF OTHER NON-METALLIC MINERAL PRODUCTS	50
9	27	MFG OF BASIC METALS	15
10	28	MFG OF FABRICATED METAL PRODUCTS	16
11	29	MFG OF MACHINERY AND EQUIPMENT N.E.C.	2
12	33	RECYCLING	3
13	36	MFG OF MEDICLE, PERISION	3
14	41	COLLECTION, PURIFICATION AND DISTRIBUTION OF WATER	3
		Total	131

EM-II under MSME Act,2006 in sirohi District 2014-15 (Service)

S. No.	NIC 2004	Description	TOTAL
1	50	REPAIR & MAINTENANCE OF MOTOR VECHILE, RETAIL SALE OF AUTOMOTIVE FUEL	11
2	55	HOTELS & RESTAURANTS	5
3	72	COMPUTER AND RELATED ACTIVITIES	4
4	80	EDUCATION SERVICES	8
5	93	OTHER SERVICE ACTIVITIES	8
		Total	36

JUSTIFICATION :- On the basis of minerals deposits and other resources available in the district as well as pap used local and adjoining mark available justification the above pap used units to be setup in the district the year 2014-15

5.4 PROPOSED AUGMENTATION OF INDUSTRIAL AREAS

During the survey of various industrial areas location in sirohi district , it is noticed that most of the industrial areas are located in places nearby town , keeping in view the growth of industrialization in this district RIICO has identified 4678 bigha of government land for the development of seven new Industrial areas, details of which are as follows :-

Sr. No.	Name of Village	Revenue land
1	Village Udvariya Tehsil Pindwara	149.07 Bigha
2	Village Pipela Tehsil Pindwara	429.01 Bigha
3	Village Malgoan Tehsil Reodar	459.00 Bigha
4	Village Badgoan Tehsil Sheoganj	111.14 Bigha
5	Village Alpa tehsil Sheoganj	166.66 Bigha
6	Village Rajpura Tehsil Sirohi	2404.15 Bigha
7	Village Oda Tehsil Sheoganj	431.01 Bigha

With the development of these new industrial areas more and more investment will be attracted for setting up of cement based industries, Masala Industries, Steel Industries, Plastic based Industries, Readymade Garment industries, Mineral grinding Industries and agro based food Processing industries etc., approximately eighty thousand skilled/non skilled/ unskilled persons will get employment.

5.5 SUGGESTION STRATEGY FOR ARTISAN UPGRADATION

In the state of rajasthan , district sirohi also has some tradition of handicrafts and other artsan produces in different avenue like manufacturing of leather shoes . leather traning marble handicraft stone carving , bamboo baskets and handilooms etc.

5.5.1 SCOPE AND OBJECTIVES

In order to develop the local handicraft as well as the local artisans of the district to increase their expertise and to puliftmen standard of living it would be of worth to suggest such strategies which may assist these artisans by raising their earning and hence by improving their standards of living secondly a packed fo training programs should also be planned for improving the expertise of such artisans , thirdly to suggest proper and adequate channels to market the products manufacturing by these artisans and lastly to suggest some source which may finance the existing as well as at the new incoming units to generate more and more employment opportunities.

5.5.2 CONCENTRATION FO ARTISANS

As already stated para 4.2 of this report the major concerntration of artsans in the district hasbeen found in nearby areas of sheoganj ,

swaroopganj , pindwara, Reoder, Ajari, kalandri, kojra, Aburoad, joyala, morli, jhadoli, jawal , barloot, and mandar.

5.5.3 CLUSTER

Different work are like that wooden, Iron, Stone & Marble, Clay & Leather based are done by Artisan in the district. If Govt. Given provide additional benefit to Artisans, Many Cluster can come up.

There was two Cluster in the district namley Teracotta at siyawa & Stone base Cluster in at Pindwara.

5.5.4 MAJOR PROBLEMS FACED BY ARTISANS

During the course of discussions at various places , different natural problems and suggestion there focused by the concerned people and then it is found that these poor artisans in the district are suffering on the following.

- 1) Organizational
- 2) Marketing
- 3) Financial

However the above stated three problem have manifested themselves into multitudes of the problems cited during the courses of such discussions. Barring the above three problems other problems were of concession nature and should be disappear if the three are solved . The other problems observed are irregular and inadequate supply of raw material.

5.5.5 REMEDIAL MEASURES

Keeping in view the above focused observation , it is realized that for economic development and around growth of the artisans units located in rural and remote areas or the.

- 1 up gradation in quality standards of artisans produces through adequate training facilities and skill development programmes.
- 2 Steps should be taken in the direction of encouraging these artisans for taking independent production and also independent marketing if possible.
- 3 Institutional support should be provided to these artisans for meeting out their financial requirement for smooth running of their units and also for regular and adequate supply of raw material and for marketing their products through institutional marketing channels.
- 4 Through rural entrepreneurship development programmes at the places of concentration of such artisans level for covering these artisans . These rural EDP may be get financed from SIDBI and NABARD.
- 5 By advising the different Govt. Bodies like RSIC , RHDC , KVIB etc. Functioning at district level for covering these

artisans under their promotional package of functioning and also for encouraging these artisans to form cooperatives.

5.6 SUGGESTION

- A) The major hurdle in expansion of industries in sirohi district is withdrawal of facilities & incentives by state & central Govt. Viz state investment subsidy and sales tax incentives etc. Subsidy on interest paid viz interest subsidy should be given in more liberal way .
- B) Rebate in income tax or income tax holiday should be provided for sirohi district for five years . Neighbouring district viz , jalore has been declared as income tax holiday district.
- C) Inland container depots has been proposed at Aburoad long back , but no headway hasbeen made upto yet. As growth centre hasbeen developed in Aburoad incurring cost of more than 30 crores , ICD is now essential for development of export based units.

5.7 MSME Enterprises

In year 2014-15 Registered MSME Enterprises as given below.

TABLE 5.3

S.No		Mfg. Entps.	Numbers
1.	A	Micro	115
	B	Small	15
	C	Medium	1
		Total	131

S.No		Service Entps.	Numbers
2.	A	Micro	35
	B	Small	1
	C	Medium	0
		Total	36

SUMMARY ON THE FINDING RECOMMENDATION

There is a wide scope of Industrialization in Sirohi district. Since the district is situated on the border of Gujarat, the entrepreneurs from Gujarat are taking keen interest in investing in the district. The district is very rich in mineral deposits, Hence mineral based industries like marble slab and tiles, marble articles and granite slabs and tiles, cement Plant and mineral grinding can be established here.

It is recommended to provide additional concession and facilities to the entrepreneurs interested in establishing these projects.

Sirohi district is also rich in agriculture and Horticulture. Produces like Tomato, Potato, Papaya, Suf, Mustard and Vegetables. It is recommended to extend subsidy benefits to the project based on food processing and agri business industries.

It is also recommended to provide technical, Practical trainings to the first generation entrepreneurs encourage them to make investment in Sirohi district.

Concession and Facilities

At present the State Government and Central Government is providing the following facilities to new entrepreneurs making investment for expansion . :-

1. Rajasthan Investment Promotion policy 2014.
2. Udyog Adhar to MSME under MSMED act, 2006
3. Prime Minister Employment Generation Programme
4. Baba Sahab Ambedkar Handicraft Development scheme
5. Scheme for Handloom Weavers
6. Artisan identification Card scheme for Artisans
7. Training under household industries Programme of Women
8. Entrepreneurship Development Programme for unemployed youth
9. Marketing Assistant by providing single Point registration, Prize Preparator and by providing Marketing Platform by organizing exhibition and fair.

Whom to contact for what

S. No	Assistance Required	Name of Institutions
1	Product identification	Small Ind. Service institue , Bais godam Phone : 212096, 213090 fax – 0141 210553
2	Training Facilities	Small Ind. Service institue , Bais godam Phone : 212096, 213090 fax – 0141 210553
3	MSME Registration/ PMEGP	District industries centre sirohi-02972-222375 District industries sub centre Aburoad 02974-226086
4	Factory Accommodation	1- Sr Regional manager , RIICO Aburoad 2- Astt. Regional manager , RIICO Sirohi
5	Financial Assistance term loan working capital	1-Rajasthan financial corporation, Aburoad 2- Rajasthan financial corporation, sirohi 3- Nationalized banks , Aburoad 4- SIDBI , Jaipur 5- NABARD, Sirohi
6	Machimery on Hire purpose	National small ind. Corporation ,Nehru place tank road jaipur
7	Raw Material	Rajasthan Small ind. Corporation, Udhyog Bhawan Jaipur
8	Marketing	1- Rajasthan Small ind. Corporation, Udhyog Bhawan Jaipur 2- National Small ind. Corporation, Nehru place Tonkroad, Jaipur
9	ISI Mark and Allied Details	Bureau of indian standard , Chitrangan Marg c-scheme, Jaipur
	Agmark	Director of Marketing and Inspection, Jhana Dungri Jaipur
10	Testing of products	1- Field testing station , 22 Godam, Jaipur 2- National Test house , 22 Godam, Jaipur
11	Power Connection	1-Ex. En. Office , JVVNL sirohi
		2-Ex. En. Office , JVVNL sirohi
12	Registration under factory	Inspector of factory & Boilers, sirohi
13	Pollution control	1- Rajasthan pollution control board jhalana dungri jaipur 2- Rajasthan pollution control board Mandia road pali
14	Central Excise registration	Suprintend, Central Excise Aburoad
15	Sales Tax Registration	1-Commercial Taxation officer, sirohi 2-Asst.Commercial Taxation officer,Aburoad
16	Khadi & Village industries	1- DIO khadi, DIC sirohi 2- KVIC, jhalana dungri, jaipur 3- All Nationalized Banks
17	Export	Joint Director, General Foregin Trade, Udhyog bhawan , Jaipur

