

GOVERNMENT OF INDIA
MINISTRY OF WATER RESOURCES,
RIVER DEVELOPMENT & GANGA REJUVENATION
LOK SABHA
UNSTARRED QUESTION NO. 1826
ANSWERED ON 28.12.2017

OVER EXPLOITATION OF GROUND WATER

1826. SHRIMATI RAKSHATAI KHADSE
 SHRI UDAY PRATAP SINGH
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Will the Minister of WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION be pleased to state:

- (a) whether the Union Government is aware that the ground Water level is depleting sharply year by year in the country due to indisciplined/overexploitation of water and is affecting the quality of the ground water and if so, the details thereof;
- (b) the updated status of the action taken and efforts made by the Union Government in coordination with the State Governments to curb the indisciplined/ over-exploitation of ground Water and to reverse the water level depletion trend in the country;
- (c) whether the Government has constituted any committee to frame guidelines in this regard; and
- (d) if so, the details thereof?

ANSWER

THE MINISTER OF STATE FOR WATER RESOURCES, RIVER DEVELOPMENT AND GANGA REJUVENATION & PARLIAMENTARY AFFAIRS

(SHRI ARJUN RAM MEGHWAL)

(a) & (b) Central Ground Water Board (CGWB) carries out ground water monitoring, four times a year, on regional scale through a network of observation wells in the Country. Comparison and analysis of Pre-monsoon (2017) water level data collected by CGWB with the decadal average (2007-2016) indicates decline in ground water level in about 61% of the wells. Details are given at **Annexure - I.**

As per latest assessment carried out jointly by Central Ground Water Board (CGWB) and State Government Departments for 2013, out of 6584 assessment units (Block/ Taluk/ Mandal/ watershed/ Firka), 1034 units have been categorized as ‘Over-exploited’ and 253 as ‘Critical’.

The deterioration in ground water quality is mainly caused by geogenic reasons because of the inherent characteristics of the aquifers or man-made reasons like domestic and industrial effluents, excessive use of fertilizers etc. Ground water quality data generated by Central Ground Water Board (CGWB) during various scientific studies and ground water quality monitoring indicates that ground water in isolated pockets in parts of various States is contaminated with Fluoride, Nitrate, Arsenic, Lead, Cadmium, Chromium etc. State-wise details of districts affected in parts with ground water contamination are given at **Annexure II**.

Steps taken by the Central Government for conservation of ground water and rain water harvesting are available at the following URL http://mowr.gov.in/writereaddata/GW_Depletion.pdf

(c) & (d) In order to ensure sustainable withdrawal and effective utilization of ground water and its management, an Inter Ministerial Committee has been constituted. Secretary, Ministry of Water Resources, RD & GR is the convener of the Committee which consists of Secretaries of Ministries of Rural Development, Drinking Water and Sanitation, Panchayati Raj, Agriculture and Farmers Welfare and Environment & Forests and Climate Change .

ANNEXURE - I

Annexure referred to in reply to part (a) & (b) of Unstarred Question No.1826 to be answered in Lok Sabha on 28.12.2017 regarding ‘Over Exploitation of Ground Water’

State-wise Decadal Water Level Fluctuation with Mean [Pre-monsoon (2007 to 2016] and Pre-monsoon 2017

S. No.	Name of State	No. of wells Analysed	Rise		Fall		Wells showing no change	
			No.	%	No.	%	No.	%
1	Andhra Pradesh	751	184	25	563	75	4	0.5
2	Arunachal Pradesh	12	9	75	3	25	0	0.0
3	Assam	164	71	43	92	56	1	0.6
4	Bihar	625	362	58	258	41	5	0.8
5	Chandigarh	10	1	10	9	90	0	0.0
6	Chhattisgarh	566	219	39	346	61	1	0.2
7	Dadra & Nagar Haveli	16	6	38	10	63	0	0.0
8	Daman & Diu	11	7	64	4	36	0	0.0
9	Delhi	94	33	35	61	65	0	0.0
10	Goa	65	50	77	15	23	0	0.0
11	Gujarat	799	301	38	473	59	25	3.1
12	Haryana	302	95	31	207	69	0	0.0
13	Himachal Pradesh	90	33	37	57	63	0	0.0
14	Jammu & Kashmir	226	75	33	151	67	0	0.0
15	Jharkhand	218	90	41	128	59	0	0.0
16	Karnataka	1421	423	30	985	69	13	0.9
17	Kerala	1366	405	30	957	70	4	0.3
18	Madhya Pradesh	1318	660	50	658	50	0	0.0
19	Maharashtra	1562	667	43	887	57	8	0.5
20	Meghalaya	20	6	30	14	70	0	0.0
21	Odisha	1283	506	39	773	60	4	0.3
22	Puducherry	5	0	0	5	100	0	0.0
23	Punjab	234	36	15	198	85	0	0.0
24	Rajasthan	859	431	50	428	50	0	0.0
25	Tamil Nadu	536	71	13	465	87	0	0.0
26	Telangana	586	315	54	267	46	4	0.7
27	Tripura	26	18	69	8	31	0	0.0
28	Uttar Pradesh	637	187	29	450	71	0	0.0
29	Uttarakhand	46	21	46	24	52	1	2.2
30	West Bengal	617	327	53	289	47	1	0.2
Total		14465	5609	38.8	8785	60.7	71	0.5

ANNEXURE - II

Annexure referred to in reply to part (a) & (b) of Unstarred Question No.1826 to be answered in Lok Sabha on 28.12.2017 regarding ‘Over Exploitation of Ground Water’

State-wise details of districts affected with ground water contamination by different chemical constituents

S. No	State/UT	Salinity (ECabove3000 μ S/cm) (EC : Electrical Conductivity)	Fluoride (above 1.5 mg/l)	Nitrate (above 45mg/l)	Arsenic (above0.01mg/l)	Iron (above1mg/l)	Heavy metals : Lead (above0.01 mg/l) Cadmium (above 0.003mg/l) Chromium (above 0.05 mg/l)
1	Andhra Pradesh	Srikakulam, Visakhapatnam, East-Godavari, West-Godavari Krishna, Guntur, Prakasam, Nellore, Chittoor, Kadapa, Kurnool, Ananthapur, Sirkakulam	Visakhapatnam, West-Godavari Krishna, Guntur, Prakasam, Nellore, Chittoor, Kadapa, Kurnool, Ananthapur, Sirkakulam	Srikakulam, Vizianagaram, Visakhapatnam, East-Godavari, West-Godavari, Krishna, Guntur, Prakasam, Nellore, Chittoor, Kadapa, Kurnool, Ananthapur,	Guntur, Kurnool, Nellore	Vishakhapatnam Krishna, Guntur, Nellore, Kurnool, Chittoor, Cuddapah	
2	Telangana	Adilabad, Nizamabad, Karimnagar, Warangal, Mahabubnagar, Medak, Nalgonda, Rangareddy, Nizamabad	Adilabad, Karimnagar, Khammam, Warangal, Mahabubnagar, Medak, Nalgonda, Rangareddy, Nizamabad	Adilabad, Nizamabad, Karimnagar, Warangal, Khammam, Hyderabad, Mahabubnagar, Medak, Nalgonda, Rangareddy,	Nalgonda,	Adilabad, Hyderabad, Karimnagar, Mahabubnagar, Medak, Nalgonda, Nizamabad, RangaReddy	Lead: Rangareddy, Nalgonda Cadmium: Rangareddy Chromium: Rangareddy
3	Assam		Goalpara, Kamrup, KarbiAnglong, Naugaon, Golaghat,Karimganj		Sivsagar, Jorhat, Golaghat, Sonitpur, Lakhimpur, Dhemaji, Hailakandi, Karimganj, Cachar, Barpeta, Bongaigaon, Goalpara, Dhubri, Nalbari, Nagaon, Morigaon, Kamrup, Darrang&Baksha	Cachar, Darrang, Dhemaji, Dhubri, Goalpara, Golaghat, Hailakandi, Jorhat, Kamrup, KarbiAnglong, Karimganj, Kokrajhar, Lakhimpur, Morigaon, Nagaon, Nalbari, Sibsagar, Sonitpur	
4	Arunachal Pradesh					Changlang, East Siang, Lohit, Papumpare	
5	Bihar		Aurangabad, Banka, Bhagalpur, Gaya,Jamui, Kaimur(Bhabua), Munger, Nawada, RohtasJahanabad, Akhisarai, Sheikhpora, Nalanda	Aurangabad, Banka, Bhagalpur, Bhojpur, Darbhanga, Kaimur (Bhabua), Patna, Rohtas, Saran, Siwan	Begusarai, Bhagalpur, Bhojpur, Buxar, Darbhanga, Katihar, Khagaria, Kishanganj, Lakhisarai, Munger, Patna, Purnea, Samastipur, Saran, Vaishali E.Champaran, Gopalganj, Lohardaga, Madhepura, Muzaffarpur	Aurangabad, Begusarai, Bhojpur, Buxar, East Champaran, Gopalganj, Katihar, Khagaria, Kishanganj, Lakhisarai, Madhepura, Muzaffarpur, Nawada, Rohtas, Saharsa,	

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					Saharsa, Siwan, W Champaran	Samastipur, Siwan,Supaul, W Champaran	
6	Chhattisgarh		Bastar, Balod, Balrampur, Bemetra, Bijapur, Durg, Kanker, Kondagaon, Korba, Koriya,Raigarh, Surajpur, Surguja	Bastar, Bilaspur, Dantewada, Dhamtari, Jashpur, Kanker, Kawardha, Korba, Mahasamund, Raigarh, Raipur, Rajnandgaon	Rajnandgaon	Bastar, Dantewada, Kanker, Koriya,	Lead: Korba Cadmium: Korba, Chromium: Korba
7	Delhi	New Delhi, North , South, East, West, North West, South West Delhi	East Delhi, New Delhi, North West Delhi, South Delhi, South West Delhi, North Delhi, West Delhi	East Delhi, Central Delhi, New Delhi, North Delhi, North West Delhi, South Delhi, South West Delhi, West Delhi	East, Northeast		Lead: Along Najaigarh drain in North, West and South-west districts Cadmium: Southwest Chromium: Northwest, South, New Delhi, East
8	Goa					North Goa, South Goa	
9	Gujarat	Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Jamnagar, Junagadh, Kachchh, Kheda, Mehesana, Navsari, Patan, Porbandar, Rajkot, Sabarkantha, Surat, Surendranagar, Vadodara,Narmada	Ahmedabad,Amreli,Anand,Banaskantha, Bharuch,Bhavnagar,Dahod,Gandhinagar, Jamnagar,Junagadh,Kachchh,Mehesana, Panchmahals,Patan, Porbandar,Rajkot, Sabarkantha, Surendranagar, Vadodara	Ahmedabad, Amreli, Anand, Banaskantha, Bharuch, Bhavnagar, Dahod, Jamnagar, Junagadh, Kachchh, Kheda, Mehesana, Narmada, Navsari, Panchmahals, Patan, Porbandar, Rajkot, Sabarkantha, Surat, Surendranagar	Amreli, Anand, Bharuch, Bhavnagar, Dahod, Gandhinagar, Junagadh, Kachchh, Kheda, Mehesana, Patan, Rajkot, Surendranagar, Vadodara	Ahmedabad, Banaskantha, Bhavnagar, Kachchh, Mehesana, Narmada	
10	Haryana	Ambala, Bhiwani, Faridabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Mohendragarh, Panipat, Rewari, Rohtak, Sirsa, Sonepat	AmbaliBhiwani, Fatehabad, Faridabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Panchkula, Palwal, Panipat, Rewari, Rohtak, Sirsa, Sonepat, YamunaNagar	Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendargarh, Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonipat, YamunaNagar	Ambala, Bhiwani, Faridabad, Fatehabad, Hissar,Jhajjar, Jind, Karnal, Panipat, Rohtak, Sirsa, Sonepat, Yamunanagar, Mahendargarh, Palwal	Ambala, Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar, Jhajjar, Jind, Kaithal, Karnal, Kurukshetra, Mahendargarh, Panipat, Rohtak, Sirsa, Sonipat, YamunaNagar	Lead:Ambala,Bhiwani, Faridabad, Fatehabad, Gurgaon, Hissar,Jhajjar, Jind, Kaithal, Karnal, Mahendragarh, Panchkula, Panipat, Rewari, Rohtak, Sirsa, Sonepat. Cadmium: Bhiwani, Gurgaon, Jhajjar, Jind, Kaithal, Rewari, Rohtak. Chromium: Fatehabad
11	Himachal Pradesh			Una, Solan, Hamirpur, Kangra, Mandi,Kullu	Kangra		
12	Jammu & Kashmir		Jammu, Kathua	Jammu, Kathua, Anantnag, Kupwara	Jammu, Kathua, Rajouri	Baramulla, Budgam, Kathua, Kupwara, Pulwama, Srinagar	Lead: Jammu (Gangyal), Bari Brahma, Kathua, Cadmium: Kathua
13	Jharkhand		Bokaro, Dhanbad, Garhwa, Giridih, Godda, Gumla, Koderma, PakurPalamu, Ranchi,, Sahebganj, Khunti	Chatra, Garhwa, Godda, Gumla, Lohardaga, Pakur, Palamu, PaschimiSinghbhum, PurbiSinghbhum, Ranchi, Sahibganj	Sahibganj	Chatra, Deoghar, East Singhbhum, Giridih, Ranchi, West Singhbhum	Lead: Jamshedpur
14	Karnataka	Bagalkote, Bangalore-Rural, Bangalore-Urban, Belgaum, Bellary, Bijapur, Chamarajanagar, Chikballapur, Chikmagalur, Chitradurga, Davanagere, Dharwad, DakshinaKannada, Gadag, Gulburga, Hassan, Haveri, Kolar, Koppal, Mandya, Mysore, Raichur, Ramnagara, Shimoga, Tumkur, Yadgir,UttaraKannada, Udupi	Bagalkot, Bangalore(Rural), Bangalore(Urban), Belgaum, Bellary,Bidar, Bijapur, Chikballapur, Chamarajanagar, Chikmagalur, Chitradurga, Davanagere, Dharwad, Gadag, Gulburga, Hassan, Haveri, Kodagu, Kolar, Koppal, Mandya, Raichur. Shimoga, Udupi, Uttar Kannada	Raichur, Yadgir	Bagalkot, Bangalore, Belgaum, Bellary, Bidar, Bijapur, Chikmagalur, Chitradurga, Davanagere, Dharwad, Gadag, Gulburga, Hassan, Haveri, Kodagu, Kolar, Koppal, Mysore, Raichur, Shimoga, Udupi, Uttar Kannada		

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		Kodagu/ Coorg, Kolar, Koppal, Mandya, Mysore, Raichur, Ramanagara, Shimoga, Tumkur, Udupi, UttaraKannada, Yadgir				Udupi, UttarKannada	
15	Kerala	Trivandrum, Kollam, Kottayam, Ernakulam	Palakkad, Alappuzha, Idukki, Ernakulum, Thiruvananthapuram	Alappuzha, Idukki, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Thiruvananthapuram, Thrissur, Wayanad		Alappuzha, Ernakulam, Idukki, Kannur, Kasaragod, Kollam, Kottayam, Kozhikode, Malappuram, Palakkad, Pathanamthitta, Quilon, Thiruvananthapura, Thrissur, Wayanad	Lead: Ernakulam, Kollam Chromium: Kollam
16	Madhya Pradesh	Balaghat, Bhind, Chhatarpur, Gwalior, Indore, Jhabua, Khargone, Morena, Neemuch, Ratlam, Rewa, Satna, Sehore, Sheopur, Shivpuri, Ujjain	Alirajpur, Balaghat, Barwani, Betul, Bhind, Bhopal, Chhatarpur, Chhindwara, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Harda, Jabalpur, Jhabua, Khargon, Mandla, Mandsaur, Morena, Narsinhpur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Sheopur, Sidhi, Shivpuri, Singrauli, Ujjain, Vidisha	Alirajpur, Anuppur, Ashok Nagar, Balaghat, Barwani, Betul, Bhind, Bhopal, Burhanpur, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Harda, Hoshangabad, Indore, Jabalpur, Jhabua, Khandwa, Khargon, Katni, Mandla, Mandsaur, Morena, Narsimhapur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Rewa, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Sheopur, Shivpuri, Sidhi, Singrauli, Tikamgarh, Ujjain, Umaria, Vidisha	Betual, Burhanpur, Chhindwara, Dhar, Khandwa, Mandsaur, Neemuch, Umaria	Balaghat, Barwani, Betul, Bhind, Bhopal, Chhatarpur, Chhindwara, Damoh, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Hoshangabad, Indore, Jabalpur, Jhabua, Khandwa, Katni, Mandla, Mandsaur, Narsinghpur, Neemuch, Panna, Raisen, Rajgarh, Ratlam, Rewa, Sagar, Satna, Sehore, Seoni, Shahdol, Shajapur, Shivpuri, Sidhi, Tikamgarh, Ujjain, Umaria, Vidisha, East Nimar	Lead: Balaghat, Barwani, Damoh, Datia, Dewas, Dhar, Dindori, Guna, Gwalior, Raisen, Rajgarh, Satna, Sehore, Shajapur, Shivpuri, Vidisha
17	Maharashtra	Ahmednagar, Akola, Amravati, Aurangabad, Beed, Bhandara, Buldhana, Chandrapur, Dhule, Jalgaon, Jalna, Nagpur, Nanded, Ratnagiri, Sangli, Satara, Sindhudurg, Solapur, Wardha, Yavatmal	Ahmednagar, Beed, Chandrapur, Bhandara, Dhule, Gadchiroli, Gondia, Jalna, Nagpur, Nanded, Ratnagiri, Sangli, Satara, Sindhudurg, Solapur, Wardha, Yavatmal	Ahmednagar, Akola, Amravati, Aurangabad, Beed, Bhandara, Buldana, Chandrapur, Dhule, Gadchiroli, Gondia, Hingoli, Jalgaon, Jalna, Kolhapur, Latur, Mumbai, Nagpur, Nanded, Nandurbar, Nasik, Osmanabad, Parbhani, Pune, Sangli, Satara, Solapur, Wardha, Washim, Yavatmal		Ahmednagar, Amravati, Beed, Buldana, Chandrapur, Dhule, Gadchiroli, Jalna, Kohlapur, Latur, Nandurbar, Nashik, Osmanabad, Parbhani, Ratnagiri, Satara, Thane, Wardha, Washim, Yavatmal	Lead: Ahmed Nagar, Akola, Aurangabad, Beed, Buldana, Dhule, Gadchiroli, Jalna, Kolhapur, Latur, Nagpur, Nanded, Osmanabad, Parbhani, Pune, Sangli, Wardha, Washim, Yavatmal
18	Manipur				Bishnupur, Thoubal	Bishnupur,	
19	Meghalaya					East Garo Hills, East Khasi Hills, JaintiaHills	
20	Nagaland					Dimapur	
21	Odisha	Balasore, Bhadrak, Ganjam, Jagatsingpur, Jajpur, Kendrapara, Puri	Angul, Balasore, Bhadrak, BargarhBolangir, Boudh, Cuttack, Deogarh, Dhenkanal, Jajpur, Kandhamal, Keonjhar, Khurda, Mayurbhanj, Nayagarh, Nawapara, Ganjam, Jagatsinghpur, Kalahandi, Koraput, Puri, Rayagada, Sambalpur, Sonepur, Sundargarh	Angul, Balasore, Bargarh, Bhadrak, Bolangir, Baudh, Cuttack, Deogarh, Dhenkanal, Gajapati, Ganjam, J.Singhpur, Jajpur, Jharsuguda, Kalahandi, Kendrapara, Keonjhar, Khurda, Koraput, Malkangiri, Mayurbhanj, Nawapada, Nayagarh, Phulbani, Puri, Sambalpur, Sundergarh, Sonpur	Gajapati	Balasore, Bargarh, Bhadrak, Cuttack, Deogarh, J.Singhpur, Jajpur, Jharsuguda, Kalahandi, Kandmalah, Keonjhar, Kendrapara, Khurda, Koraput, Mayurbhanj, Nayagarh, Puri, Rayagada, Sambalpur, Sundergarh, Sonpur	Chromium Sukinda valley in Sukindablock of JajpurDistrict
22	Punjab	Bhatinda, Faridkot, Ferozpur, Gurudaspur, Mansa, Moga, Muktsar Patiala, Sangrur	Amritsar, Barnala, Bhatinda, Fazilka, Faridkot, FatehgarhSahib, Firozpur, Gurdaspur, Jalandhar, Ludhiana, Mansa, Moga, Muktsar,	Amritsar, Barnala, Bhatinda, Faridkot, FatehgarhSahib, Firozpur, Gurdaspur, Hoshiarpur, Jalandhar, Kapurthala,	Mansa, Amritsar, Gurdaspur, Hoshiarpur, Kapurthala, Ropar, Faridkot, Nawashahar, Sangrur,	Bathinda, Faridkot, FatehgarhSahib, Firozpur, Gurdaspur, Hoshiarpur,	Lead Amritsar, Bathinda, Ferozepur, Gurdaspur, Muktsar,

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			Pathankot, Patiala, Ropar, Sangrur, SASNagar(Mohali), Tarn- Taran	Ludhiana, Mansa, Moga, Muktsar, Nawanshahr, Patiala, Ropar, Rupnagar, Sangrur, Taran- Taran	TaranTaran	Mansa, Rupnagar, Sangrur	Ropar Cadmium: FatehgarhSahib, Ludhiana, Nawansahar, Patiala,Ropar, Sangrur, Sasnagar, Tarantaran Chromium: Amritsar, Bathinda, Gurdaspur, Kapurthala, Mansa, Ropar, Barnala, Sangrur, Sasnagar, Tarantaran
23	Rajasthan	Ajmer, Alwar, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittorgarh, Churu, Dausa, Dhaulpur, Ganganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalor, Jhalawar , Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sirohi, Sikar, SawaiMadhopur, Tonk, Udaipur	Ajmer, Alwar, Banswara, Barmer, Bharatpur, Baran, Bhilwara, Bikaner, Bundi, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalor, Jhalawar , Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sirohi, Sikar, SawaiMadhopur, Tonk, Udaipur	Ajmer, Alwar, Banswara, Baran, Barmer, Bundi, Bharatpur, Bhilwara, Bikaner, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalor, Jhalawar , Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Partapgarh, Rajasamand, Sirohi, Sikar, SawaiMadhopur, Tonk, Udaipur	Ganganagar	Ajmer, Alwar, Banswara, Baran, Barmer, Bharatpur, Bhilwara, Bikaner, Bundi, Chittaurgarh, Churu, Dausa, Dhaulpur, Dungarpur, Ganganganagar, Hanumangarh, Jaipur, Jaisalmer, Jalor, Jhalawar , Jhunjhunu, Jodhpur, Karauli, Kota, Nagaur, Pali, Pratapgarh, Rajsamand, Sikar, SawaiMadhopur, Sirohi, Tonk, Udaipur	Lead: Jhunjhunu Dist (KhetriCopper Deposit),Pali, Jaipur (SambharLake, Sanganer
24	TamilNadu	Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Kancheepuram, Karur, Nagapattinam, Namakkal, Perambalur, Pudukkottai, Ramanathapuram, Salem, Sivaganga, Thanjavur, Theni, Thiruvallur, Tirunelveli, Trichirappalli, Tuticorin, Vellore, Villupuram, Virudhunagar	Coimbatore, Dharmapuri, Dindigul, Erode, Karur, Kancheepuram, Krishnagiri, Namakkal, Madurai, Puddukotai, Ramanathanpuram, Salem, Sivagangai, Theni, Thiruvannamalai, Tiruchirapally, Thirunelveli, Tirupur, Vellore,	Chennai, Coimbatore, Cuddalore, Dharmapuri, Dindigul, Erode, Kancheepuram, Kanyakumari, Karur, Madurai, Namakkal, Nilgiris, Perambalur, PuddukotaiRamanathanpuram, Salem, Sivagangai, Theni, Thiruvannamalai, Thanjavur, Tirunelveli, Thiruvallur, Trichy, Tuticorin, Vellore, Villupuram, Virudhunagar	Ariyalur, Cuddalore, Nagapattinam, RamnathapuramTiruvallur, Tirunelveli, Thiruvarur, Trichchirappalli, Tuticorin	Namakkal, Salem	Lead: Dindigul, Tiruvallur, Kancheepuram Cadmium: Tiruvallur Chromium: Cuddalore, Dindigul, Erode, Kanchipuram, Tiruvallur
25	Tripura					Dhalai, North Tripura, South Tripura, West Tripura	
26	Uttar Pradesh	Agra, Aligarh, Firozabad, Hamirpur, Kashganj, Kanpur Nagar, Mathura, Rae Bareli, Unnao	Agra, Aligarh, Allahabad, Auraiya, Banda, Bulandshahar, Etah, Etawah, Farrukhabad, Fatehpur, Firozabad, GBNagar, Ghaziabad, Hathras, Jaunpur, Kannauj, Kanpur Nagar, Kasganj(KashiramNagar), Lalitpur, Mahoba, Mainpuri, Mathura, MaunathBhanjan, Pratapgarh, RaiBareli, Shajahanpur, Sonbhadrā, Sultanpur, Varanasiand, Unnao	Agra, Aligarh, Allahabad, Ambedkar Nagar, Auraiya, Azamgarh, Badaun, Baghpat, Balrampur, Banda, Barabanki, Bareilly, Basti, Bijnor, Bulandsahr, Chitrakoot, Etah, Fatehpur, Firozabad, GBNagar, Ghaziabad, Ghazipur, Hamirpur, Hardoi, Hathras, Jaunpur, Jhansi, Kannauj, Kanpur Dehat, Lakhimpur, Mahoba, Mathura, Meerut, Mau, Moradabad, Muzaffarnagar, Mirzapur, Raebarelli, Sari RavidasNagar, Shajahanpur, Sitapur, Sonbhadrā, Sultanpur, Shravasti, SiddarthNagar, Unnao	Bahraich, Ballia, Balrampur, Bareilly, Basti, Bijnor, Chandauli, Ghazipur, Gonda, Gorakhpur, Lakhimpur Kheri, Meerut, Mirzapur, Muradabad, RaiBareilly, SantKabirNagar, Shahjahanpur, Siddarthnagar, Sant RavidasNagar, Unnao, Azamgarh, Bahraich, Badaun, Deoria, Jhansi, Kausambi, Kushinagar, Pilibhit, MaunathBhanjan,	Azamgarh, Ballia, Balrampur, Etawah, Fatehpur, Gazipur, Gonda, Hardoi, Kanpur Dehat, Kanpur Nagar, Lakhimpur, Lalitpur, Mau, Siddartnagar, Unnao	Lead: MuzaffarNagar, Mathura, Moradabad, Allahabad, Bhadohi, Ghaziabad, Jaunpur, Kanpur, Raebareli, SonbhadraCadmium: Varanasi city, Unnao Chromium: Kashi Vidyapeeth, Varanasi, Kanpur, Unnao
27	Uttarakhand			Dehradun, Haridwar, Udhamsinghnagar			
28	West Bengal	Howrah, N24 Parganas, PurbaMedinipore, S24 Parganas	Bankura, Birbhum, Dakshinajpur, Malda, Purulia, Uttardinajpur, South 24 Praganas	Bankura, Bardhaman	Bardhaman, Hooghly, Howrah, Malda, Murshidabad, Nadia, N-24Parganas, S-24 Parganas,	Bankura, Bardhaman, Birbhum, Dakshinajpur, E.Midnapur, Howrah, Hugli,	Lead: Malda, Murshidabad, Nadia, N-24 Pargana, S-24 Pragana,

S. No	State/UT	Salinity (ECabove3000µS/cm) (EC : Electrical Conductivity)	Fluoride (above 1.5 mg/l)	Nitrate (above 45mg/l)	Arsenic (above0.01mg/l)	Iron (above1mg/l)	Heavy metals : Lead (above0.01 mg/l) Cadmium (above 0.003mg/l) Chromium (above 0.05 mg/l)
					Kochbihar	Jalpaiguri, Kolkatta, Murshidabad, N- 24 Parganas, Nadia, S-24 Parganas, Uttardinajpur, West Midnapur	Kolkata Cadmium: N24 Praganas, S-24Praganas Chromium: N-24 Praganas, Murshidabad
29	Andaman& Nikobar					Andaman	
30	Daman & Diu				Diu		