

DISTRICT SURVEY REPORT

DINDIGUL DISTRICT, TAMIL NADU



JULY, 2017



GEOLOGICAL SURVEY OF INDIA
SU: TAMIL NADU & PUDUCHERRY



GOVERNMENT OF TAMIL NADU
DEPARTMENT OF GEOLOGY AND MINING, DINDIGUL

DISTRICT SURVEY REPORT

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CONTENTS

Sl. No.	CHAPTERS	Page No.
1	Introduction	1
2	Overview of mining activity in the district	2
3	List of mining leases in the district	3
4	Details of royalty or revenue received in last three years	-
5	Details of production of sand or Bajri or minor minerals in last three years	-
6	Process of deposition of river sediments in the district	38
7	General profile of the district	42
8	Land utilization pattern in the district	45
9	Physiography of the district	46
10	Rainfall month wise	48
11	Geology and mineral wealth	49
	Conclusion and Recommendation	66

Sl. No.	LIST OF FIGURES	Page No.
Fig.1.1	Dindigul District map	1
Fig.6.3.1.	Schematic picture of meandering and deposition of sediments	40
Fig.6.3.2.	River map of Dindigul	41
Fig.6.3.3.	Ground water level of Dindigul from 1991 - 2016	41
Fig.8.1.	Land Use & Utilisation map of Dindigul	46
Fig. 9.1.	Geomorphology and Geohydrology map of Dindigul	47
Fig. 11.1.	Geology of Tamil Nadu	49
Fig. 11.2.	Geology of Dindigul district	51

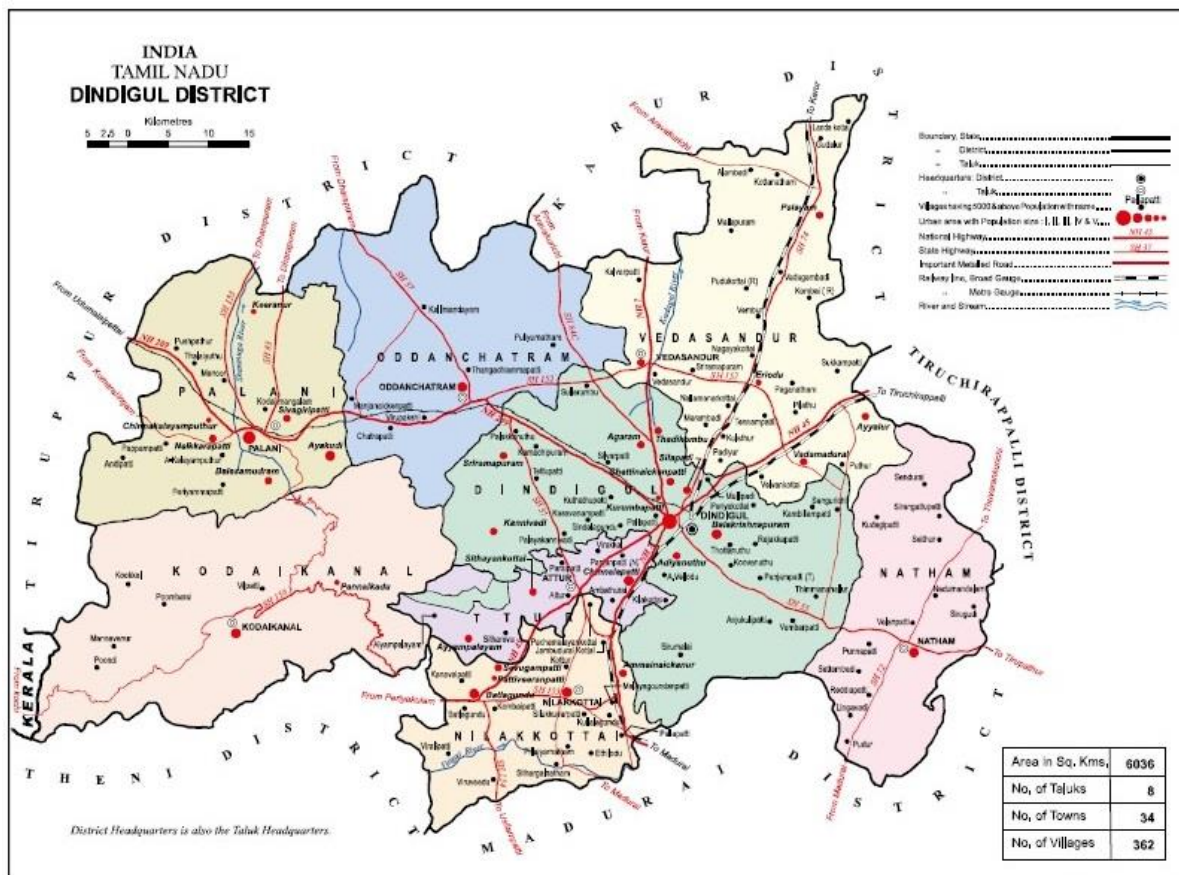
Sl. No.	LIST OF PHOTOGRAPHS	Page No.
1	Charnockite quarry at Kothapulli, Dindigul (West) Taluk	54
2	Charnockite quarry at Thummalapatti, Palani Taluk	55
3	Layered Charnockite quarry at Thimmananallur, Dindigul (East)	55
4	Limestone quarry at Alambadi, Veda sandur taluk	56
5	Limestone quarry at Panniyamalai, Natham taluk	56
6	Quartz & Feldspar quarry at Mulaiyur, Natham taluk	58
7	Quartz & Feldspar quarry at Kuttam, Veda sandur taluk	58

8	Granite quarry at Eriyodu, Veda sandur taluk	59
9	Gravel excavation at Ellapatti, Oddanchatram taluk	60
10	Brick earth excavation at Tasiripatti, Oddanchatram taluk	61

Sl. No.	LIST OF PLATES	Page No.
Plate:1.	Locations of quarries presented in Athoor & Nilakottai taluks	62
Plate:2.	Locations of quarries presented in Dindigul (East) taluk	63
Plate:3.	Locations of quarries presented in Dindigul (West) taluk	63
Plate:4.	Locations of quarries presented in Natham taluk	64
Plate:5.	Locations of quarries presented in Oddanchatram	64
Plate:6.	Locations of quarries presented in Palani taluk	65
Plate:7.	Locations of quarries presented in Veda sandur	65

1. INTRODUCTION

The district “Dindigul”, is blessed with the minor minerals such as Granite (Pink Granite/ Pink Granite Gneiss $\pm$ Garnet, Pyroxenite/Pyroxene Granulite?), Blue metal (Charnockite), Brick Soil, Gravel, Kankar, Quartz and Feldspar and sand as well as major minerals like crystalline Limestone and Bauxite. A few copper, molybdenum and mica are also occurred in some places. The need of the minor minerals particularly for infrastructural development of Individuals as well as for the Government is increasing day by day rapidly, accordingly the mining of minor minerals, is also developing vigorously. However, each entity looking for a good environment for their habitat. To assure the same a committee named DEIAA (District Level Environment Impact Assessment Authority) is formed, principally for a safe and careful minor mineral mining without leaving any major impact to the environment. With the objective to generate the “District Survey Report” for Dindigul District a fifteen days collaborative field work was carried out by SU: Tamil Nadu & Puducherry, Geological Survey of India and Dept. of Geology and Mining, Dindigul District to locate minor minerals, along with mining activities in the district.



Source: PCA of Dindigul District, Census of India, 2011.

Fig.1.1 Dindigul District map

There were 7 taluks in 2001 - Palani, Oddanchatram, VEDASANDUR, NATHAM, Dindigul, Kodaikanal and Nilakottai. Attur taluk was newly created from Dindigul taluk as per G.O.Ms. No.

637, dated 31.10.2007. Presently, there are 8 taluks in the district. There are 1 Corporation (Dindigul) and 2 Municipalities (Palani and Kodaikanal), 24 Town Panchayats and 7 Census Towns in the district. There are 14 Community Development Blocks and 362 Revenue Villages (330 inhabited) in Dindigul district. The following table shows the number of taluks with number of towns and Community Development Blocks with number of villages in Dindigul district.

Sl. No.	Name of Taluk	Towns	Sl. No.	Name of CD Block	No. of Villages	Inhabited Villages
1	Palani	7	1	Dindigul	10	10
2	Oddanchatram	1	2	Athoor	20	20
3	Vedasandur	5	3	Reddiarchattiram	20	20
4	Natham	1	4	Shanarpatti	30	30
5	Dindigul	10	5	Natham	24	24
6	Attur	3	6	Nilakottai	26	26
7	Kodaikanal	2	7	Vathalagundu	14	14
8	Nilakottai	5	8	Palani	29	28
			9	Ottanchattiram	38	38
			10	Thoppampatti	40	40
			11	Vedasandur	22	22
			12	Vadamadurai	17	17
			13	Guziliamparai	18	18
			14	Kodaikanal	15	15
				Not under any CD Block	39	8
Total		34	Total		362	330

Source: PART_B_DCHB_DINDIGUL

2. OVERVIEW OF MINING ACTIVITY IN THE DISTRICT:

Industry based economic mineral deposit present in the district is Limestone, Quartz & Feldspar and Bauxite. However, the Limestone comes under major mineral category and it is getting mined mainly by the Chettinad Cement Corporation Ltd., in Vedasandur taluk and by some small concerns in Vedasandur and Natham taluks. The Bauxite deposit present in hill range of Kodaikanal, is unable to mine which is declared as wild life sanctuary. The minor minerals like Granite (Pink Granite/ Pink Granite Gneiss $\pm$ Garnet, Pyroxenite/Pyroxene Granulite?) by private concerns and by TAMIN, Blue metal (Charnockite/ Hornblende Biotite Gneiss?), Brick Soil, Gravel, Kankar, Quartz and Feldspar are actively getting mining in the district by private concerns.

The office of the Assistant Director, Department of Geology and Mining is functioning under the control of District Collector, Dindigul. The Assistant Director, Geology and Mining is assisting the District Collector in the Mineral Administration works.

3. THE LIST OF MINING LEASES IN THE DISTRICT WITH LOCATION, AREA AND PERIOD OF VALIDITY:

DETAILS OF ROUGH STONE QUARRY LEASES IN DINDIGUL DISTRICT									
NAME OF THE MINERAL : ROUGH STONE					DISTRICT : DINDIGUL				
Sl. No	Name and Complete Address of lessee	Taluk	Village	S.F. Nos.	Extent (in Hects)			G.O. / Proceedings No. and date	Lease Period
					Patta	Poramboke	Total		
1	2	3	4	5	6	7	8	9	10
1	B.Subaitha, 41, Bava Shek Abdul Kather Street, Sithaiyankottai, Athoor Taluk.	Athoor	Bodicommonvadi	486/1	0	0.98.0	0.98.0	356/2008 dt. 5.4.2008	30.6.08 to 29.6.2018
2	S.Soundarrajan, S/o.Subbaraja, Vembarpatti Via, Dindigul Taluk.	Dindigul (East)	Thimmananallur	987/1 part	0	1.00.0	1.00.0	355/2008 18.4.2008	7.7.08 to 6.7.2018.
3	Thiru.T. Santhiagu Prabu, Ex.Army Engrs. S/o. Thomas Raj, No.11. Kamachi Nagar, Malapatti Road, Dindigul District.	Dindigul (East)	Rajakkapatti	708/2, 710/1	0.58.5	0	0.58.5	Roc No 869/2012 (Mines) dated: 10.02.2015	02.03.2015 to 01.03.2020
4	Thiru.V.Karthick Kumar, S/o.Vellaisamy, No.2,Renganayaki Nagar, Siluvathur Road, Dindigul	Dindigul (East)	Koovanoothu	148/1, 424	1.08.0	0	1.08.0	Rc.No. 292/2016 (M) dated: 26.07.2016	26.07.2016 to 25.07.2021

5	S.Manikannan, S/o.Subbaiah Naidu, 4.L.G.B.Compound, Dindigul	Dindigul (West)	Alagupatti	187, 190	0	0.77.0	0.77.0	121/2010,dt: 2.4.2010	12.7.2010 to 11.7.2020
6	K.Govindaraj, S/o.Karuppaiah, 1-1, Selvi Illam, G.T.N. Salai, Dindigul.	Dindigul (West)	Old Kannivadi,	64/1 Block II	0	2.00.0	2.00.0	270/07 dt. 20.3.07.	3.9.07 to 2.9.2017
7	R.S.Kannan, 2/111 Pillaiyarnatham, Dindigul	Dindigul (West)	Palakkanuthu	17/1, 20	0	0.97.0	0.97.0	122/2010, dt: 22.3.2010	1.11.2010 to 31.10.2020
8	V.Manivasagam, S/o. Viswanathan, 141/79R.M.Colony, Dindigul	Dindigul (West)	Gurunatha naickanur	840 Part-II	0	0.68.0	0.68.0	123/2010, dt: 22.3.2010	16.7.2010 to 15.7.2020
9	S.Valarmathi, W/o. R. Sundaravel, Saralaipatti, Chettinaickenpatti Village, Dindigul	Dindigul (West)	Alakkuvarpatti	104/4 104/5 104/6	1.45.5	0	1.45.5	400/2012 dt: 10.4.2013	22.4.2013 to 21.4.2018
10	M.Sathish Kumar, S/o. K. Muthusamy, Door No.1, sastheri Nagar, Dindigul Taluk, Dindigul District	Dindigul (West)	Sullerumbu	735	2.33.0	0	2.33.0	135/2014 dt: 28.08.2014	15.09.2014 to 14.09.2019

11	P.Anbarasu, S/o R.S.Palanisamy, Rengappanaickenpatty, K.Pudukottai (Po), Reddiyarchatram (Via), Dindigul	Dindigul (West)	Kothapulli	315/8, 315/9, 315/10, 315/11, 315/12, 315/13	1.60.5	0	1.60.5	Rc No 976/2015 (M) dated: 20.05.2015	07.07.2015 to 06.07.2020
12	Thiru.S.Manikannan, S/o Subbaiah Naidu, 4, L.G.B Compound, Opposite to Marxist communist office, Dindigul - 624001	Dindigul (West)	Alagupatti	188/1 188/2 188/3 188/4 188/5 188/6 188/7 188/8 188/9 189/4B 189/4C 189/4D 189/4E 191/1A 191/1B 191/1C	2.23.0	0	2.23.0	Rc.No 35/2014 (M) dated: 24.8.2015	28.09.2015 to 27.09.2020
13	Thiru.A.Jeyaraman, S/o.Alagiri Gounder, H2,42 R.M.Colony, Dindigul	Dindigul (West)	Kothapulli	314 317/3 317/4	3.52.0	0	3.52.0	Rc.No 571/2012 (M) dated: 24.8.2015	28.9.2015 to 27.9.2020
14	Tmt.A.Safana Parveen, W/o.Asan Mohamed, Door No: 1/10, Anjugam Street, East Govindapuram, Dindigul	Dindigul (West)	Kothapulli	423/1, 423/2, 423/3A, 423/3B, 423/4	1.92.5	0	1.92.5	Rc.No: 1837/2014 (M) dated: 22.12.2015	30.12.2015 to 29.12.2020

15	M.Balaji,S/o.P.L.Murugesad evar, No:1, Rajan Avenue, L.I.C.Colony, Nehuriji Nagar, Dindigul	Dindigul (West)	Kothapulli	279/4	0.80.0	0	0.80.0	Rc.No 278/2015 (M) dated: 22.12.2015	30.12.2015 to 29.12.2020
16	R.Sundaravel, S/o,Ramasamy pillai, saralaipatty, Chettinaicken patty Village, Colletorate post, Dindigul Taluk.	Dindigul (West)	Alakkuvarpatti	104/3A3	1.54.5	0	1.54.5	Rc.No 214/2013(M) dated: 29.02.2016	11.03.2016 to 10.03.2021
17	Thiru.A.Jeyaraman, S/o.Alagiri Gounder, H2,42 R.M.Colony, Dindigul	Dindigul (West)	K.Pudukottai & Kothapulli	265/1 265/2 265/3 265/4 422/1 422/2	3.99.5	0	3.99.5	Rc.No 1673/2014 (M) dated: 08.03.2016	21.04.2016 to 20.04.2021
18	M.Abirami, W/o. V.Manivasagam, H99, R.M.Colony, 6th cross, 4th Street, Dindigul	Natham	Kudagipatty	381/2 383/3	4.05.0	0	4.05.0	355/2013 dt: 16.12.2013	23.12.2013 to 22.12.2018
19	A.Villy, S/o. Addaikkan, Karunkalagudi, Melur Taluk, Dindigul District	Natham	Sirugudi	407/1A 407/1B 407/1C 407/2 409/1A 409/1B	1.80.0	0	1.80.0	578/2012 dt: 13.7.2013	15.7.2013 to 14.7.2018
20	A.Laksmipathi, S/o.Amirthados, 56-6, Manmalai Road, K.Pudur,Madurai District.	Natham.	Nadumandalam,	569/1 Part IV	0	1.20.0	1.20.0	574/2007 dt.14.5.07	23.7.07 to 22.7.2017

21	S.Senthilkumar, S/o. Subbaiah, 4, Allimalar Street, Round Road, Dindigul	Natham	Pillaiyarnatham	419 Part-I	0	1.68.0	1.68.0	115/2010,dt: 2.4.2010	1.11.2010 to 31.10.2020
22	V.Senthil Raja, S/o. A.Villi , Ottakkovilpatti, Ayyapatti, Melur Taluk, Madurai District	Natham	Sirukudi	407/4, 403	0	0.91.5	0.91.5	116/2010, dt: 22.3.2010	28.6.2010 to 27.6.2020
23	S.K.Balasubramanian, H3R.M.Colony, Dindigul	Natham	Nadumandalam,	346/2 Part-II	0	2.50.0	2.50.0	118/2010, dt:22.3.2010	16.7.2010 to 15.7.2020
24	R.Thiyagarajan, S/o.Rengasamy Naidu, Sengulam Village, Natham Taluk, Dindigul District	Natham	Nadumandalam,	569/1 (P) Block-I	0	4.00.0	4.00.0	246/2015 (M) dated:19.10.2015	26.10.2015 to 25.10.2020
25	P.Sonaimuthu, S/o. S.Pitchai Gounder, 1/276 Asok Nagar, Natham	Natham	Sathampadi	258/1	0	2.63.0	2.63.0	120/2010, dt: 15.3.2010	16.7.2010 to 15.7.2020
26	A.Laksmipathi, S/o.Amirthados, 56-6, Manmalai Road, K.Pudur,Madurai District.	Natham.	Nadumandalam,	569/1 Part V	0	1.00.0	1.00.0	245/2015 dt.28.01.2016	29.02.2016 to 28.01.2021
27	G.Vadivelu, S/o. Gurunathan, Karuppa moopanpatti, Viralipatti Post, Nilakottai Taluk	Nilakottai	Viralipatti,	521/5	1.05.0	0	1.05.0	388/2012 dt: 29.6.2012	23.7.2012 to 22.7.2017
28	P.Ramajeewanantham, S/o. T.P.R.Paramasivam, 79,Sowbagya Nagar, Near RMTD Depo,	Nilakottai	Mallanampatti	302/1 303/1 303/2 303/3	0.95.5	0	0.95.5	311/2013 dt: 16.12.2013	23.12.2013 to 22.12.2018.

	Madurai road, Batlagundu, Nilakottai Taluk, Dindigul			305/2A 305/2B 304/5 304/7 317/2C4 318/1C3					
29	Thiru.S.MurugaBharathi, W/o N.Sundar, 3/113, North street, Poosaripatty, Mallanam patty Village, Nilakottai Taluk, Dindigul District.	Nilakottai	Rengappanaicken patti	104/1A , 105/3, 105/8A	2.69.5	0	2.69.5	430/2013 (Mines), dt: 28.11.2014	09.01.2015 to 08.01.2020
30	Tmt.S.Latha, W/o.K.M.Subramanian, 12-6-5C2, Katcheri Street, Gandhi Nagar, Nilakottai Taluk.	Nilakottai	Mallanampatti	297/1A2 297/1A3 297/1A4 297/2B1 297/2B2 297/2B3 297/2B4 297/2B5 298/3A 298/3B 304/1 304/2 304/3 304/4 305/1B 317/2B 317/2C1 317/2C2 317/2C3 318/1C1	2.34.0	0	2.34.0	Roc No 1614/2014 (Mines) dated: 20.11.2015	30.11.2015 to 29.11.2020

				318/1B2					
31	M.Raja, S/o.Murugesan, Tennis Club Road, Batlagundu.	Nilakottai	Mallanampatti	297/1B, 1C, 298/1	0	0.80.5	0.80.5	357/2008 dt. 5.4.80	4.8.08 to 3.8.2018.
32	N.VimalKumar, S/o. A.Nagarajan, 342 J.Jeganathapuram, Kodairoad Post, Nilakottai	Nilakottai	Musuvanoothu	481 Part II	0	2.00.0	2.00.0	114/2010, dt: 22.3.2010	1.11.2010 to 31.10.2020
33	P.Asok Kumar, S/o.P.S. Paramasivam, 12-3,44A AnnaNagar, Batlagundu	Nilakottai	Musuvanoothu	481 Part I	0	2.00.0	2.00.0	113/2010,dt: 22.3.2010	15.11.2010 to 14.11.2020
34	Tmt. G. Abirami, W/o. P. Gobi, North Street, Sedipatti, Sithaiyankottai, Athoor Taluk	Nilakottai	Jambuthurai kottai	341 Part	0	1.00.0	1.00.0	109/2012, dt: 10.02.2012	24.02.2012 to 23.12.2017
35	Thiru.J.Ammaiyappan, S/o.K.C.Jeyabalan, No.2-16-25L/15, Gandhi Nagar, Batlagundu Post, Dindigul	Nilakottai	Kombaipatti	480/4 (P)	0	2.00.0	2.00.0	241/2015 (Mines) dated: 22.12.2015	05.01.2016 to 04.01.2021
36	V. Sambath, S/o. Venkidusamy, 5/125 Middle Street, Kulipatti Post, Nilakottai Taluk	Nilakottai	Sivaganapuram	263/1 (P- 2)	0	2.00.0	2.00.0	242/2015(M) dt: 28.1.2015	03.02.2016 to 02.02.2021

37	T. Senthil, S/o. Thangavel, Parai Thottam, Thasaripatti, Oddanchatram	Oddanchatram	Thasaripatti	20/2 Part	0.61.0	0	0.61.0	365/2012, dt: 30.4.2013	6.5.2013 to 5.5.2018
38	K.Suppurathinam, S/o. Kaliappa Goundar, K.T.Palayam, Koothampoondi Village, Oddanchatram Taluk	Oddanchatram	Koothampoondi	745/1	2.24.0	0	2.24.0	838/2012 dt: 29.4.2013	6.5.2013 to 5.5.2018
39	Thiru.K.Subbaiah, S/o. Kumara Gowder, Thippampatti, Kethaiyurumbu Via, Oddanchatram Taluk, Dindigul District.	Oddanchatram	Kethaiyurumbu.	548 (P)	2.60.0	0	2.60.0	374/2013, dt: 23.5.2014	04.06.2014 to 03.05.2019
40	A.Velusamy, S/o. Arumuga Gounder, Kariyampatti, Kallimanthayam Via, Oddanchatram Taluk. Dindigul District.	Oddanchatram	Kariyampatti	579/1B	0.90.0	0	0.90.0	215/2013 (Mines) dated: 18.04.2015	17.08.2015 to 16.08.2020
41	Thiru.V.Jegatheesan, Kurumbapatti, Aravakurichi Taluk, Karur District	Oddanchatram	Ellapatti	206/6 (P)	1.00.0	0	1.00.0	Rc.No. 49/2016 (Mines) dated: 06.09.2016	06.09.2016 to 05.09.2021
42	K.P.Ravichandran, Houing Unit, Tharapuram Taluk, Erodu District.	Oddanchatram,	Appanuthu.	20 Part Block II	0	2.00.0	2.00.0	286/07 15.3.07	21.5.07 to 20.5.2017.
43	J.Rajeskannan, 51 Renganayaki Street, Siluvathur Road, Dindigul.	Oddanchatram	Reddiapatti	93/2A Part Block II	0	1.00.0	1.00.0	283/07 15.3.07	14.5.07 to 13.5.2017.

44	J.Manohar, S/o.K.Jawagar, Laksmipuram, Palani	Oddanchatram	Kallimandayam	529/1 Part III	0	1.00.0	1.00.0	363/2008 18.4.08	29.9.08 to 28.9.2018
45	S.Suresh, S/o.Chenniappa Gounder, Kallimandayam Oddanchatram Taluk.	Oddanchatram	Kallimandayam	874 part	0	1.00.0	1.00.0	1636/2007 dt. 28.12.07	29.9.08 to 28.9.2018
46	R.Balasubramani, S/o. Ramasamy, Paraipatti, Ellapatti Village, Oddanchatram Taluk	Oddanchatram	Ellapatti	169/12	0	0.34.0	0.34.0	136/2010, dt:15.3.2010	31.5.2010 to 30.5.2020
47	K.Ramasamy, S/o.Karuppusamy, A.Nalroad,Oddanchatram	Oddanchatram	Koothampoondi	1318	0	2.00.0	2.00.0	137/2010, dt:15.3.2010	24.5.2010 to 23.5.2020
48	A.Chellamuthu, S/o. Arumuga Gounder, Veerappa Gounden Valasu, Oddanchatram Taluk	Oddanchatram	Koothampoondi	1059	0	1.52.0	1.52.0	138/2010, dt: 2.4.2010	24.5.2010 to 23.5.2020
49	V.Muthuramalinga Bose, 15B Sowdamman Koil Street, Palani Taluk, Dindigul District	Oddanchatram	Veeralapatti	182/4	0	0.88.0	0.88.0	140/2010, dt: 12.3.2010	28.6.2010 to 27.6.2020
50	A.K.Nazar, Managing Director, Udumalai Plantation, R.Vadipatti Palani Taluk	Palani	R. Vadipatti	42/3	2.46.0	0	2.46.0	452/2012 dated: 19.7.2012	3.8.2012 to 2.8.2017
51	Tmt.T.Chitra, W/o,R.Thiruvengatam, 150-D, A.C.S.M quarters, Krishnapuram, Madathukulam Taluk,	Palani	Muthunaicken patti	525/3A1	1.66.0	0	1.66.0	137/2014 (Mines) dated: 05.08.2015	17.08.2015 to 16.08.2020

	Tirupur District - 642 111								
52	Tmt.R.Jayanthi W/o L.Ramesh, 6/1, Nehru Street, Udumalpet Taluk, Tripur District.	Palani	Chinna Kalaiyamputhur	227/1	2.08.0	0	2.08.0	966/2014 (M) dt: 28.10.2015	17.12.2015 to 16.12.2020
53	Thiru.T.R.Senthil Raj, S/o T.R.Rathinasamy, 101, Lakshmipuram, Palani Taluk, Dindigul District.	Palani	North Thathanaicken patti	122/1A	3.58.5	0	3.58.5	1059/2014(M) dt: 28.1.2016	03.02.2016 to 02.02.2021
54	Thiru.K.Rathinamoorthi, S/o.R.Kumaravel, No.631/C/2, Vayallor, Pushpathur (Po), Palani Taluk, Dindigul District.	Palani	Kolumam kondan,	230(P), 231(P)	2.70.0	0	2.70.0	1765/2014 (M) dated: 18.02.2016	04.03.2016 to 03.03.2021
55	Tmt.Paraimalam, W/o.Balathandayutha pani, 12/1 Gopal Nagar, Koimbatore.	Palani	Kolumam kondan	373 Part II.	0	1.50.0	1.50.0	358/2008 dt. 5.4.08	4.8.08 to 3.8.2018.
56	P.Manokaran, S/o. Palanimuthu, 103, 8th Ward, New Ayakudi, Palani	Palani	Balasamuthiram	300/1 Part II	0	1.00.0	1.00.0	124/2010, dt: 23.3.2010	15.11.2010 to 14.11.2020
57	P. Ramakrishnamoorthy, S/o. Balasubramaniya Durai Raja, 14.Nadalwar Street, Balasamuthiram Village, Palani Taluk	Palani	Balasamu thiram	300/1 Part-IV	0	1.00.0	1.00.0	125/2010, dt; 22.3.2010	24.1.2011 to 23.1.2021

58	Sethupathi Ragunathan, 32/24 Visalakshi Sundaram Lay Out, Kalyani Nagar, Udumelpet	Palani	Kolumamkondan	488	0	1.02.0	1.02.0	126/2010,dt; 15.3.2010	31.5.2010 to 30.5.2020
59	S.Sakthivel, 50 Mathanapuram, Palani Taluk	Palani	Thummala patti,	7 Part-II	0	1.00.0	1.00.0	127/2010, dt: 22.3.2010	10.5.2010 to 9.5.2020
60	P.Sulochana,241 lakshmipuram,Palani	Palani	Puliyampatti	189/11	0	1.00.0	1.00.0	128/2010, dt: 22.3.2010	10.5.2010 to 9.5.2020
61	V.Soundarapandiyan, S/o.Velusamy, No.33/2 Puliyampatti, Palani Taluk, Dindigul District	Palani	Puliyampatti	160/6 (P) Block- 2(West)	0	0.62.0	0.62.0	248/2015 (M) dated: 19.10.2015	26.10.2015 to 25.10.2020
62	R.Siva, S/o. K.E. Ramaraj, V. Paraipatti, Mallapuram Post, Vendasandur Taluk	Vendasandur	Kaithiyankottai	647/1A1 647/1A2	4.90.0	0	4.90.0	275/2012, dt: 31.5.2012	6.6.2012 to 5.6.2017
63	V.perumal, S/o. Vaiyapuri Gounder, Palayam Post, Kovilpatti Village, Vendasandur Taluk, Dindigul District.	Vendasandur	Chinnaluppai	275/3, 275/4, 276/1A, 277/2, 277/3A, 277/3C, 277/3D	1.37.0	0	1.37.0	Rc.No 487/2012 (M) dated: 19.7.2013	01.10.2013 to 30.09.2018
64	Thiru.R.Vetrivel, S/o V.Ramasamy, Ayyalur Road, Eriodu Village, Vendasandur Taluk,	Vendasandur	Ammampatti	309/1A2, 309/1A3	2.32.0	0	2.32.0	734/2014, dt: 17.04.2015	28.04.2015 to 27.04.2020

	Dindigul District.								
65	Thiru.M.Subbaiah, S/o.Murugesan, Devinaickenpatti, Vedasandur, Dindigul	Vedasandur	Ammapatti	235/3 231/3 238/2B	1.94.0	0	1.94.0	136/2014 (M), dt: 20.11.2015	30.11.2015 to 29.11.2020
66	Thiru.S.Sakthivel, S/o. Savadamuthu Gowder, Puliyampatti, E.Sithur post, Eriode (Via), Vedasandur Taluk, Dindigul District	Vedasandur	E.Chithur	263/2 263/6A 263/10 263/15A	0.82.5	0	0.82.5	378/2011 (M) dt: 30.11.2015	17.12.21015 to 16.12.2020
67	Thiru.S.Ramesh, S/o.Subbarajan, Chellakuttiyur, Kovilur (Po), Vedasandur	Vedasandur	Padiyur	344 (P) 355	0.93.0	0	0.93.0	Rc.No. 916/2015 (M) dated: 26.07.2016	26.07.2016 to 25.07.2021
68	Tmt.S.Palaniammal, W/o.Sivalingam, Karukkampatti, Vedasandur	Vedasandur	V.Pudukottai	163/5A2 163/5B	0.94.5	0	0.94.5	Rc.No. 612/2015 (M) dated: 26.07.2016	26.07.2016 to 25.07.2021

69	Thiru.G.V.Kumar, No.68, A.K.M.G.Nagar, Dindigul (West) Taluk, Dindigul	Vedasandur	Kulathur	147, 155/1, 15/1A, 156/1B, 156/2A, 156/2B, 157/1, 157/2, 158/3	2.65.5	0	2.65.5	Rc.No. 186/2016 (M) dated: 06.09.2016	06.09.2016 to 05.09.2021
70	M.Palani, S/o.Marikudumban, Thennampatti, Vedasandur Taluk, Dindigul	Vedasandur	Thennampatti	477/1, 477/2	0.53.5	0	0.53.5	Rc.No.566/2016 (M) dated:15.12.2016	15.12.2016 to 14.12.2021
71	N.Mani, Pannaipatti, Puliampatti (Post) Vadugampadi Village, Vedasandur Taluk, Dindigul District	Vedasandur	Vadugampadi	461, 462	1.81.5	0	1.81.5	Rc.No.479/2016 (Mines) dated: 10.01.2017	10.01.2017 to 09.01.2022
72	N.Satheeshkumar, S/o.(L)Natarajan, Veriyampatti, Koovakkapatty (Post), Vedasandur Taluk, Dindigul	Vedasandur	Nathapatti	15/1B	0.81.0	0	0.81.0	Rc.No.183/2016 (M) dated: 03.03.2017	03.03.2017 to 02.03.2022
73	J.Sundaram, S/o.Jeyakodi, 2/872, M.V.M.Nagar, Ramasamy Colony, Collectorate (Po), Dindigul	Vedasandur	Vadamadurai	2175	0	0.51.5	0.51.5	146/2010 (M) dated: 15.03.2010	16.07.2010 to 15.07.2020

74	M. Vinayagamoorthi, S/o. Mookaiya Goundar, 1-9C Malaiyandi goundanur, Easanatham Post, Karur District	Vedasandur	Kaithiyankottai	106	0	2.00.0	2.00.0	281/2011, dt: 26.2.2011	4.5.2011 to 3.5.2021
75	S. Sureshkumar, S/o. Selvaraj, Mainroad, Guziliyamparai, Vedasandur Taluk	Vedasandur	Chinnaluppai	315/2 Part	0	1.20.0	1.20.0	146/2012, dt: 10.2.2012	14.5.2012 to 13.5.2017
76	Pieter Chelladurai, Secretary Thennampatti Released Bonded Labourer Society, Ketchenipatti , Eriyodu Post 624 702, Vedasandur Taluk	Vedasandur	Thennampatti,	337	0	0.40.0	0.40.0	261/2015 (Mines) dated: 10.01.2017	10.01.2017 to 09.01.2022

DETAILS OF LIMESTONE QUARRY LEASES IN DINDIGUL DISTRICT											
NAME OF THE MINERAL : LIME STONE					DISTRICT : DINDIGUL						
Sl. No	Name and Complete Address of lessee	Taluk	Village	S.F. Nos.	Extent (in Hects)	Area under		G.O. / Proceedings No. and date	Lease Period	Operation / Non Operation	Remarks
						Forest (hec)	Non Forest (hec)				
1	2	3	4	5	6	7	8	9	10	11	12
1	Sivam Mines, Sirukudi, Natham Taluk	Natham	Sirugudi	616/1B etc.,	0.94.0	–	Non Forest	G.O. 3(D) No.89 Ind MMA2 dept dt.17.10.96 & G.O. 3(D) No.170 Ind. (MMA1) dept dt.03.11.2014	4.3.97 to 3.3.2017 20 Years	Operation	
2	Sekar Enterprises, Swarnapuri, Salem -4	Natham	Panniya Malai	151/5 etc.,	1.02.0	–	Non Forest	G.O. 3(D) No. 90 Ind(MMA2) dept 4.6.97	15.7.97 to 14.7.2017 20 Years	Not in operation	Suspended by IBM vide letter No 652 (4)/12 Mds dated: 26.11.2012.
3	Sivam Mines, Sirukudi, Natham Taluk	Natham	Sirugudi	693/5A (p) etc.,	2.53.0	–	Non Forest	"G.O. 3(D) No.91 Ind. (MMA2) dept dt.13.6.97 & G.O. 3(D)	27.11.97 to 26.11.2017 20 Years	Operation	Violation vide IBM lr No 652 (5)/12 Mds dated: 11.3.2014

								No.171 Ind. (MMA1) dept dt.03.11.2014			
4	Thiru Rajamanickam, S.M.R Minerals, A 34, Kumarasamy Street, Srinagar, Madurai.	Natham	Panniya Malai	188/2A etc.,	1.48.5	—	Non Forest	G.O. 3(D) No. 165, (Ind) MMA2, dept dt.1.10.97	15.12.97 to 14.12.2017 20 Years	Not Operation	Mines activity prohibited vide DGMS Lr No CR/Limeston e /VL/Oct 2013 /3315 dated 31- 10-2013
5	Sree Sirumalai Minerals, 7, Mill Road, Melur, Madurai District.	Natham	Sirugudi	625/8A etc.,	0.82.5	—	Non Forest	G.O. 3(D) 208, (Ind) MMA2, dept dt.10.12.97	15.4.98 to 14.4.2018 20 Years	Not Working	Suspended by IBM vide lr No.652/(4)/1 2 Mds dt:26-11- 2012
6	M.M.Detergents Company, Naga Theatre Complex, Dindigul.	Natham	Naduman dalam	455/6A Part etc.,	1.59.0	—	Non Forest	DGM Roc. 8922/MM4/20 07 dated 19.3.2008,	3.6.08 to 2.6.2028 20 Years	Not Working	Lease suspended vide IBM, Chennai lr No TN/DAN/LS T-34-MDS dated

											20.6.2013.
7	M. Deepa Alangar, S/o. V. Manickkam, Sirugudi Post, Natham Taluk	Natham	Panniaya malai	117/4C, 117/5A, 5C, 5D, 138/2H, 138/2I 2.54.0 hec	2.54.0	—	Non Forest	CGM Pro. Roc.No. 13368/MM4/2008 dated :21.10.2008	21.8.2009 to 20.8.2029 20 years	Not in operation	Violation noticed by IBM vide IBM Lr No 652(5) 12 - MDS dated 11-3-2014. Also working of mines prohibited by DGMS, Ch vide CR Limestone/Order/ 22 (3) 2013-3176 dated 24-10-2013
8	S. Kathiresan, S/o. Solaivalathan, D.No. 354, Bhagavathi Amman Kovil Street, Samuthirapatti Post, Natham Taluk	Natham	Samuthirapatti	33/1A1, 1A3, 1D1, 1J2, 1K1, 1E1, 1L, 1M, 1N	1.15.0	—	Non Forest	CGM Pro. Roc.No. 9203/MM4/2007 dated :18.9.2009	11.12.2009 to 10.12.2019 20 Years	Not in operation	Violation noticed by IBM vide IBM Lr No 6562(5) 12-MDS dated 11-03-2014.

9	Thiru.K.Dhanapal, S/o.Krishna Nadar, Prop. of. Tvl.R.K.N & Co (Branch) 6-1-125C, Ammaya naickanur Post, Nilakottai Taluk, Dindigul District.	Natham	Naduman dalam	454/1 etc.,	1.74.5	—	Non Forest	DGM Roc.3213/MM 4/2007 dated 4.3.2008	3.6.2008 to 2.6.2028 20 Years	Operation	
10	Thiru.K.Dhanapal, S/o.Krishna Nadar, Prop. of. Tvl.R.K.N & Co (Branch) 6-1-125C, Ammayanaickanur Post, Nilakottai Taluk, Dindigul District.	Natham	Naduman dalam	450/4	2.06.5	—	Non Forest	DGM Roc. 3214/MM4/20 07 dated 4.3.2008	3.6.2008 to 2.6.2028. 20 Years	Not working	Mines activity was prohibited by DGMS, Chennai vide Lr No.CR/Limes tone / Order 22(3)/2013/3 203 dated 24-10-2013
11	M/s.Chettinad Cement Corporation Ltd., Puliur	Vedasandur	Alambadi Karikali Mallapura m	1087/2, 1091 etc.,	251.63.0	—	Non Forest	GO.MS.No. 81 (MMA2) Ind. Dept. dt. 13.8.03.	7.9.2001 to 6.9.2021 20 Years	Working	
12	M/s.Chettinad Cement Corporation Ltd., Karikali	Vedasandur	Dholipatti , Palayam, Karikali	9/2, 9/1 etc.,	138.79.0	—	Non Forest	G.O. 23 Ind (D2) dept dt.9.1.1989	6.2.1989 to 5.2.2009 20 Years	Working	Deemed extension

13	M/s.Chettinad Cement Corporation Ltd., Puliur	Vedasandur	Karikali	932, 952 etc.,	125.48.5	–	Non Forest	G.O.MS. No. 22 Ind. Dept dt.9.1.89	1.3.89 to 28.2.2009 20 Years	Working	Deemed extension
14	D.R.Sakthivel Durai, 52/4, Blossam Bazaar, Wariyur, Trichy	Vedasandur	Karikali	1312	1.75.9	–	Non Forest	GO. 3D 15 Ind dept. (MMA2) dt.13.2.97.	24.3.97 to 23.3.2017 20 Years	Not in Operation	Mines activity prohibited by DGMS vide Lr No. CR/ Limestone / Order 22(3)/2013/3 216 dated 24-10-2013
15	P.Murugesan, Managing Partner, Global Mines & Minerals Seerapalli, Salem	Vedasandur	Mallapuram	140/1A2	1.90.5	–	Non Forest	G.O. 3(D) 68 Ind. (MMA2) dept dt.24.4.97	20.9.97 to 19.9.2017 20 Years	Not in Operation	Mines activity prohibited vide DGMS Lr No.CR /Limestone / Order 22(3)/ 2013/ 3240 dted 24-10-2013
16	Surya Industrial Minerals, 12-B, Municipal Complex, Tiruchy Road, Manaparai.	Vedasandur	Palayam	500/1	2.79.0	–	Non Forest	G.O. 3(D) 143 Ind. (MMA2) dept dt.19.8.97	27.11.97 to 26.11.2017 20 Years	Not in Operation	Violation noticed by IBM vide IBM Lr dated 21-2-2014

17	Rock Field Mining Company, Veppencharadi, Salem District.	Vedasandur	Ulliyakottai	552	1.26.5	—	Non Forest	G.O. MS No.146 Ind. (MMA2) dept dt.26.8.97	29.12.97 to 26.11.2017 20 Years	Not in Operation	Violation noticed by IBM vide IBM lr No 656/27/2012 MDS dated 21-2-2014. Also Mines activity prohibited by DGMS vide Lr No CR/ Limestone Order 22 (3) /2013 /3163 dated 24-10-2013
18	J.Abbas, J.B.Industries, 7/A1, Williams Road, Contonemnet, Thrichy	Vedasandur	Karikali	1351 (p) etc.,	3.69.0	—	Non Forest	G.O. 3(D) 129/Ind , MMA2, dept dt.15.9.98	10.12.98 to 9.12.2018 20 Years	Not in Operation	Mines activity prohibited by DGMS Lr No.CR/Limestone / Order 22(3)/ 2013/ 3150 dated 24-10-2013

19	J.Sheok Abdulla J.M.Korbonates, 7/A1, Williams Road, Contonement, Trichy.	Vedasandur	Palayam	285/1B (p)	3.21.5	—	Non Forest	G.O. 3(D) No. 114/Ind, (MMA2), dept dt.20.8.98	18.12.98 to 17.12.2018 20 Years	Not in Operation	Suspended by IBM vide Lr.No. TN/DGL/LST -39/ Mds dt: 3.12.2012
20	M.S.K.Minerals, 46/1 4th Cross, Vaiyapuri Nagar, Karur -2.	Vedasandur	Karikali	1026	4.09.0	—	Non Forest	G.O. 3(D) No. 146/Ind, (MMA2), dept dt.14.12.98	24.2.99 to 23.2.2019 20 Years	Not in Operation	Suspended by IBM vide lr No.652/(4)/1 2 Mds dt: 12.11.2012
21	C.Selvaraj, Pioner Complex, C Block 10/75 Avinachi Road, Coimbatore.	Vedasandur	Palayam	239/3 etc.,	4.89.5	—	Non Forest	DGM in Roc. 18901/MM4/9 7 dt. 10.12.99		Deemed lapse proposal sent. Not in operation	Suspended by IBM lr No.651/(4)12 Madras dt: 7.8.2012
22	Tmt.Gowari, W/o. Kumar, Gowri Kumar & Co., 21, D Rama Krishna Road, Salem.	Vedasandur	Alambadi & Kottanath am	16/1B	3.64.0	—	Non Forest	DGM Pro.Roc. 8182/MM4/98 dt.17.6.2000		Not working	
23	Tvl.D.V.Minerals, 5/278 D, Junction Main Road, Salem.	Vedasandur	Palayam	130(P)	4.01.0	—	Non Forest	D.G.M Pro. Roc. 12573/MM4/9 9 dt.16.7.01		Not in Operation	Suspended by IBM lr No.652/(4)/1 2 Madras dt: 12.11.2012

24	Tvl.Chettinadu Cement Corporation Ltd., Chennai.	Vedasandur	Alambadi, Karikali	1094/2A etc.,	2.41.5	–	Non Forest	G.O. 3(D) No. 26 (MMA2) dt.29.7.2002		Working	
25	Thiru.C.Ganeshmoorthy, Propriator of Major Mines & Minerlas Corporation, 24/1, 4th cross, Gandhipuram, Pallipalayam, Namakkal District.	Vedasandur	Alambadi	81/2A	2.34.5	–	Non Forest	CGM Roc. 19513/2000 MM4 dt.6.9.2002.		Working	
26	Sri Shanmuga Mines and Minerals, AMS Building, Akkampet, SANKARI, Salem District.	Vedasandur	Palayam	183/2 2.91.5	2.91.5	–	Non Forest	CGM Pro. Roc.No. 5596/MM4/2000 dt.25.7.2001		Working	
27	Thiru.N.K.M.Selvam, Managing Partner, Tvl.Easwar Minerals and Chemicals, Chatrapatti Post, Palayam Via, Vedasandur Taluk, Dindigul District	Vedasandur	Alambadi	838 2.14.5	2.14.5	–	Non Forest	CGM Pro. Roc.No. 3902/MM4/1998 dt : 26.11.2001.		Working	

DETAILS OF QUARTZ & FELDSPAR QUARRY LEASES IN DINDIGUL DISTRICT										
NAME OF THE MINERAL : QUARTZ & FELDSPAR						DISTRICT : DINDIGUL				
Sl. No.	Name & Address for correspondents Telephone No, Fax No. Mobile No, Email	Location of Lease		Lease Area (hects)	Area Under		Date of Grant of lease (Original and subsequent renewals)	Period (Years)	Status Working Non-Working	Remarks
		Survey No	Taluk Village		Forest (hec)	Non Forest (hec)				
1	2	3	4	5	6	7	8	9	10	11
1	S.Sridaran, No. 6 Erattai Pilliyar Koil Street, Tiruvannamalai.	225/2	Athoor Gurunatha naickanur	0.46.5	—	Non Forest	Go.Ms.No.3(D) 30 Ind (MMA2) Dept dt.21.2.97.	27.6.97 to 26.6.2017 20 Years	Deemed lapse proposal sent. Not in operation	Suspended vide IBM,Chennai lr No.652/(7)/2012 MDS dt: 28.5.2013
2	Sigappiachi, W/o. Ramasamy, Raja Annamalai Puram, Chennai	334/1A1 etc.,	Athoor Gurunatha naickanur	1.39.0	—	Non Forest	Go.Ms.No. 3(D) 23 / Ind (MMA2) Dept dt.16.3.98	24.5.98 to 23.5.2018 20 Years	Not in operation	Suspended by IBM vide lr No.TN/DGL/Q-F-8. MDS dated 7.2.2013.

3	A. Abdhul Bari, S/o. Abdhul Azeex, 110, Main Road, Oddanchatram Taluk, Dindigul District.	552/1A, 552/1B2, 553/1A	Athoor Sullerumbu	1.03.5	—	Non Forest	C.G.M.Roc.No. 2336/MM6/08, dated: 14.7.2009	20.1.2010 to 19.1.2030 20 Years	Not in Operation	
4	Alagirisamy, 33, Bengali street, Dindigul	875/3	Dindigul Sirumalai	0.80.0	—	Non Forest	Go.3(D) No.714 / Ind/ (MMA2) Dept dt. 15.12.97.	18.3.98 to 17.3.2018 20 Years	Deemed lapse proposal sent. Not in operation	Suspended vide IBM,Chennai lr No.652/(7)/2012 MDS dt: 3.6.2013
5	V.Mailaiyan, Zircon Minerals, 3-34 North street, Thirukannamangai, Tiruvarur District.	107/10	Natham Mulaiyur	0.75.0	—	Non Forest	Go.Ms.No. 3(D) 145 / Ind (MMA2) Dept dt. 12.12.98.	29.1.99 to 28.1.2019 20 Years	Not in operation	Suspended vide IBM,Chennai lr No.652/(7)/2012 MDS dt: 3.6.2013
6	Sri Shanmuga Mines, T.S.T 5384, Collage Road, E.B.Office (opp), Pudukottai.	333/11 etc.,	Natham PillyarNatham	0.60.5	—	Non Forest	Go.Ms.No.144 / Ind (MMA2) Dept dt.20.8.97.	1.6.98 to 31.5.2018 20 Years	Not in Operation	Deemed lapse proposal sent

7	S.V.Bose, No. 2A Poomalaipatti, Sri Balammal Nagar, Manapparai, Trichy District.	172/5A 172/5B 172/5C 172/3F 182/4B 182/5B	Natham PillyarNatham	1.63.0	—	Non Forest	GO.Ms.No. 133/Ind (MMA1) Dept. dt. 4.5.98. CGM Roc.17899/MM6/2001 dt. 17.3.04.	16.9.2004 to 15.9.2024 20 Years	Deemed lapse proposal sent. Not in operation	Suspended vide IBM,Chennai lr No.652/(7)/2012 MDS dt: 29.5.2013
8	Raja Mohamed, S/o.Mohamed Ibrahim, Sokkalingapuram, Melur Taluk, Madurai District.	160/1 etc.,	Natham Sathambadi	2.48.5	—	Non Forest	G.O.Ms.No. 133/Ind. (MMA 1) dt. 4.5.1998.	15.12.2004 to 14.12.2024 20 Years	Deemed lapse proposal sent. Not in operation	Suspended vide IBM,Chennai lr No.652/(7)/2012 MDS dt: 3.6.2013
9	S.Rajendran S/o.Satha Sivam Pillai, 4/75 West street, Karunkala kudi (po), Mellur (Tk)	789/3 etc.,	Natham Sethur	1.30.0	—	Non Forest	Roc. 744/2000 dt.16.7.2001.	15.12.2004 to 14.12.2024 20 Years	Non Operation	
10	Sigappiachi, W/o. M.A.M. Ramasamy, Raja Annamalai Puram, Chennai -28.	319/7B	Oddanchatram Poosaripatty	0.52.5	—	Non Forest	D.G.M Chennai Roc. 4088/MM3/2000 dt.25.8.2000.	17.11.2000 to 16.11.2020 20 Years	Non Operation	Suspended vide IBM lr No.TN/DGL/Q&F- 21/MDS dated 26.3.2013.

11	V.Ramesh, Nandi Enterprises, 4, Periyar street, D.R.O Colony Road, K.Pudur, Madurai	114/1A	Oddanchatram Poosaripatty	1.11.0	–	Non Forest	D.G.M Chennai Roc.No. 5622/ MM3/ 2000 dt.2.11.2000	11.1.2001 to 10.1.2021 20 Years	Non Operation	Suspended vide IBM lr No.TN/DGL/Q&F-7/MDS dated 8.2.2013.
12	Thiru.P.Gunasekaran Plot No. 11, 1st Main Road, Kurunji Nagar, Old Perungalathur, Chennai -63.	629/3B (p),	Oddanchatram Kethaiyurumbu	1.00.0	–	Non Forest	CGM Pro.Roc.No. 10892/MM6/2006 dated 11.7.2007	11.12.2007 to 10.12.2027 20 Years	Not in operation	Suspended vide IBM lr No.TN/DGL /7Q&F-6/2012 Madras dated 19.11.2012
13	M/s Chttinad, MBF Hi Silica Pvt, Ltd., Old Mahapalipuram Road, Chennai.	328/5A	Vedasandur Kathiyankottai	0.50.5	–	Non Forest	Comm.Roc. 10850/MM3/ 97 dt.17.2.99	30.3.99 to 29.3.2019 20 Years	Not in Operation	
14	P.Natarajan, S/o.Periyasamy, 17, Tandikudi street, Karur.	50/2	Vedasandur Kuttam	0.81.0	–	Non Forest	Comm.Roc. 15285/MM3/98 dt.1.6.99	28.6.99 to 27.6.2019 20 Years	Deemed lapse proposal sent. Not in operation	Suspended by IBM vide lr No. TN/DGL//Q&F05-MDS dt 16.1.2012.

15	M.Sellappan S.R Mines 41/B4 Church street, Tiruchi Road, Namakkal	74/3 etc.,	Vedasandur Kuttam	0.61.0	–	Non Forest	CGM Roc.13656/ MM3/98 ind. dept dt.1.7.99	11.8.99 to 10.8.2019 20 Years	Operation	
16	M/s R.R.Minerals, K.Ravi, S/o. S.Krishnan, 4/252 Thirumagal Illam, Vasantham Nagar, Vedasandur, Dindigul District.	273/2	Vedasandur Kuttam	0.81.0	–	Non Forest	Director Roc. 15286/MM3/98 dt.2.10.2002	7.5.2002 to 6.5.2022 20 Years	Not in operation	Suspended by IBM vide lr 652(5)/12 MDS, dt: 17.10.2012
17	M/s Radha Chemicals, K.Panneer Selvam, S/o. Kuppusamy, C-39, Kaveri Nagar, Kulithali, Karur - 639 104	103	Vedasandur Kuttam	3.81.0	–	Non Forest	CGM Roc.2573/2001 MM3 dt.29.10.02	21.3.2003 to 20.3.2023 20 Years	Operation	Suspended by IBM vide lr No. TN/DGL/Q&F-09 - MDS dt 7.2.2013. Revocation of Suspension order issued vide IBM, Chennai Lr.No. TN/DGL/Q-F-9 MDS, dt: 12.6.2013.

18	M/s. Sendur Minerals, H.I.G.3 R.M.Colony, Dindigul	19/2	Vedasandur Tk Nagayakottai V	0.81.0	—	Non Forest	Go.Ms.No.3(D) 101/ Ind (MMA2) Dept dt.2.7.97	22.9.97 to 21.9.2017 20 Years	Operation	
19	Thiru.R.R.Sekaran, S/o.R.Raman, Managing Partner, Tvl.Classic Mines and Minerals, 5/268-B, R.R. Plaza, Junction Main Road, Five Roads, Salem-4	377/1A	Vedasandur R.Vellodu	1.02.5	—	Non Forest	G.O.(MS).No. 133/Ind (MMA1) Dept dt. 04.05.1998	27.12.2005 to 26.12.2025 20 Years	Not in Operation	
20	Shiriram, No. 26, Ram Nagar, Karumandapam, Tirichy	753/1 etc.,	Vedasandur Sukkampatti	2.07.5	—	Non Forest	C.G.M. Roc.No. 10093/MM6/05 dt. 4.5.06	18.9.06 to 17.9.2026 20 Years	Not Operation	Suspension revoked by IBM vide Ir No. TN/DGL/Q&F-15 MDS dt 20.2.2012
21	Thiru.M.Chinna Devar, S/o.Maya Devar, Chanthaipetti, Vedasandur Taluk.	1093/1, 1098/1, 1098/2, 1098/3	Vedasandur Sukkampatti	1.06.0	—	Non Forest	C.G.M. Roc.No. 2708/MM6/2008 dated 21.10.2008.	27.11.08 to 26.11.2028 20 Years	Operation	

DETAILS OF GRANITE QUARRY LEASES IN DINDIGUL DISTRICT										
NAME OF THE MINERAL : MULTI COLOUR GRANITE					DISTRICT : DINDIGUL					
Sl. No	Name and Complete Address of lessee	Taluk	Village	S.F. Nos.	Extent (in Hects)			G.O. / Proceedings No. and date	Lease Period	Operation / Non Operation
					Patta	Poramboke	Total			
1	2	3	4	5	6	7	8	9	10	11
1	Tvl.Naveen Granites, Advocate Complex, Main Road, Melur.	Natham	Sathampadi	279/2G, 295/1A (P), 295/2G1	1.00.5	0	1.00.5	G.O. 3(D) No. 54 dated 19.7.2005	3.8.2005 to 2.8.2025	Non - Operation
2	Thiru.C.Dinesh Kumar, S/o.V.Chockkalingam, Thachampatti, Thirumayam Taluk, Pudukottai District.	Nilakottai	Viralipatti	577/1C1, 577/1C2	2.02.5	0	2.02.5	G.O. 3(D) No. 80 dated 4.11.2008	1.12.2008 to 31.11.2028	Non - Operation
3	Praveen Nair	Nilakottai	Chekkapatti							New Lease
4	M/s.P.R.P. Exports, Therkkutheru Village, Melur – 625 122. Madurai District.	Oddanchatram	Veriyappur	579/2A3 (p), 579/2B (p), 580 (p), 581/2 (p), 582/2 (p)	2.03.0	0	2.03.0	G.O.3(D).No. 85/Ind (MMB2) dated 30.08.2005.	14.9.2005 to 13.9.2025	Non - Operation

5	S.Uma Maheswari, W/o.K.Selvaraj, M/s.Prithivi Granites, 134, Main Road, Gobi, Erodu.	Oddanchatram	Jokipatti	6/1 (p), 7/2 (p), 7/4 (p)	1.16.0	0	1.16.0	G.O.3(D).N o. 130/Ind (MMB2) dated 16.12.2005.	27.1.2006 to 26.1.2026	Non - Operation
6	M/s.P.R.P. Exports, Therkkutheru Village, Melur – 625 122. Madurai District.	Oddanchatram	Veriyappur	64/2, 65, 66/6	3.20.5	0	3.20.5	G.O. 3(D) No. 90 dt. 27.11.2008	22.12.2008 to 21.12.2028	Non - Operation
7	M/s.P.R.P. Exports, Therkkutheru Village, Melur – 625 122. Madurai District.	Oddanchatram	Kollapatti Thangachia mma patti	50/1, 51/1, 51/3A, 66/1B 198/1B, 198/4, 198/5 192/1B	5.60.5	0	5.60.5	G.O.No. 12 dt. 10.12.2008	12.1.2009 to 11.1.2029.	Non - Operation
8	M/s.P.R.P. Exports, Therkkutheru Village, Melur – 625 122. Madurai District.	Oddanchatram	Thangachia mma patti	201/1A 201/2 202/1B 202/2A 202/2B 207/4 210/2A	4.35.5	0	4.35.5	G.O.No. 92 dt. 27.11.2008.	22.12.2008 to 21.12.2028 .	Non - Operation
9	M/s.P.R.P. Exports, Therkkutheru Village, Melur – 625 122. Madurai District.	Oddanchatram	Thangachia mma patti	541/1, 542	2.25.5	0	2.25.5	G.O.No. 102 dt. 2.12.2008 +G5:H10	22.12.2008 to 21.12.2028 .	Non - Operation
10	Tvl.Bannari Amman Sugars Ltd., 1212, Trichy Road, Coimbatroe	Palani	Andipatti	494/9D, 494/11	3.32.5	0	3.32.5	G.O. 3(D) No. 74 dated 24.10.2008	20.11.2008 to 19.11.2028 .	Non - Operation

11	M/s.G.V.Granites, 19, G, Main Road, Thogamalai, Kulithalai Taluk, Karur District.	Vedasandur	Paganatham	930 (P) 931/2(P) 937/2B (P)	1.02.0	0	1.02.0	G.O.3(D).N o. 98/Ind (MMB2) dated 3.10.2005.	29.10.2005 to 28.10.2025	Operation
12	A.Manoharan, S/o.Alagarsamy, No. 1,2 Spensor Compound, Dindigul.	Vedasandur	Karikali	322/2A, 323/1, 324/2	1.09.5	0	1.09.5	G.O. (3D) No. 59 Industries Department, dated 23.10.2006.	13.11.2006 to 12.11.2026 .	Operation
13	C. Rabeek Raja, S/o VR Chellakani Rowther, No 1A Bharathiarapuram, Melur, Madurai	Vedasandur	Eriodu	194/4B (p) - 242/1 243/1B	1.24.5	0	1.24.5	GO (3D) No 4 Industris (MMB - 11) Department dated 5-2- 2010	1.3.2010 to 28.2.2030	Operation
14	R.Muthusamy, S/o. Rengasamy, U. Thathanur. Ulliyakottai Post, Gujiliyamparai, Vedasandur Taluk	Vedasandur	Ulliyakottai	139/2(P) 140/1B(P)	2.00.0	0	2.00.0	G.O.3(D) NO. 35.Ind.(MM B-2) Dept, dated: 5.11.09	10.12.2009 to 9.12.2029	Operation
15	M/S. Sky International, 64/11, Sellathal Complex, East Main Road, Kalvarpatti Village and Post, Vedasandur Taluk, Dindigul District	Vedasandur	Kalvarpatti	476(P), 477(P), 478(P), 479(P),	1.21.5	0	1.21.5	G.O.3(D) No. 14/Ind (MMB2) Dept dt. 22.05.2014.	12.06.2014 to 11.06.2034	Operation

16	Thiru.P.Krishna moorthy, 5J/10, Bharathipuram, Madurai Main Road, Melur - 106.	Vedasandur	Thennampatti	490, 491/4, 538/2B	1.07.0	0	1.07.0	G.O.3(D).N o. 8/Ind (MMB2) dated 21.1.2006.	14.3.2006 to 13.3.2026	Non - Operation
17	M/s.P.R.P. Exports, Therkkutheru Village, Melur – 625 122. Madurai District.	Vedasandur	Paganatham	936/1 936/2 936/3 937/1 937/2A 939/3C	3.27.5	0	3.27.5	G.O.No. 93 dt. 27.11.2008.	22.12.2008 to 21.12.2028 .	Non - Operation
18	Tvl APM Granites, 59 K-1, Kori Street (Upstair), South Udayampalayam, Athur - 636 102	Vedasandur	Kalvarpatti	615/3 616/2 617/1 618/2(P) 623/1A (P)	4.04.5	0	4.04.5	G.O. (3D)N0. 53 Ind (MMB- 2) Dept dated 2.4.2007G8: I12G7:I12F1 2G9:I12G7: H12G6:H12 GG7:H12	13-3-2012 to 12-3-2032	Non - Operation

DETAILS OF GRAVEL PERMISSION APPLICATION IN PATTA LANDS					
Sl No	Name and Address of applicant	Location of tank Permission		District office File No	Remarks
		Village and Taluk	SF No / Extent		
1	V.Mathanmohan, Kurumbapatti, Aravakurichi Taluk, Karur	Oddanchatram Taluk, Ellapatti Village	228/41, 64, 66 2.80.0 hec	Rc.No.146/ 2016 (Mines)	
2	K.Arunkumar, S/o.Karuppaiih, P.No.35,Charles Nagar, Iind street, Pudukottai	Palani Taluk, Andipatti Village,	529, 530 4.49.5 hec	Rc.No.85/2016 (Mines)	
3	K.Arunkumar, S/o.Karuppaiih, P.No.35,Charles Nagar, Iind street, Pudukottai	Palani Taluk, Andipatti Village,	517/1 3.41.0 hec	Rc.No.245/2016 (Mines)	

DETAILS OF BRICK EARTH PERMISSION					
Sl No	Name and Address of applicant	Location of tank Permission		District office File No	Remarks
		Village and Taluk	SF No / Extent		
1	Thiru.K.Gunasekaran, S/o, Kaliappa Gounder, New Devi Chambers, Chatrapatti - 624 614, Oddanchatram Taluk, Dindigul District.	Oddanchatram, Thasaripatti	49/1A2 1.80.0 hec	Rc.No. 122/2014 (Mines) dated: 26.07.2016	
2	Thiru.S.Sakthivel, No.38B, Mathanapuram, Palani Taluk, Dindigul District	Palani Taluk, Pudachu Village,	204/2 225/1 225/2 229 230 3.79.5 hec	Rc.No. 818/2013 (Mines) dated: 22.04.2016	
3	Thiru.K.Subramanian, S/o.Karuppana Gounder, Periya Thottam, Thotti Palayam (Post), Bhavani, Erode District	Palani Taluk, Andipatti Village,	352/1 4.35.5 hec	Rc.No. 751/2013 (Mines) dated: 07.09.2016	
4	K.Ramesh S/o.Karuppusamy, Sri jeyamurugan Chamber, 58, Near Jothi Gas, R.F.Road, Palani Taluk, Dindigul	Palani Taluk, Chitharevu Village	120/19, 120/38 1.61.5 hec	Rc.No. 831/2013 (M) dated: 15.04.2017	
5	Thiru.R.Vasudevan, S/o Ramasamy, 220/2, Kurinji Nagar, Udumalai Road, Dharapuram Taluk, Tirupur District.	Palani Taluk, Eravimangalam Village	196/6 2.24.5 hec	Rc.No. 820/2013 (M) dated: 06.09.2016	

DETAILS OF EXISTING KANKAR QUARRY IN DINDIGUL DISTRICT							
Sl. No.	Name and complete address of the lessee	Taluk Village	SF.Nos	Extent (in hec)	G.O./ Proceedings	Period of lease	Remarks
1	Tmt.A.Mercy Helen, W/o. V.Arockiasamy, Mettupatty, Dindigul.	Vedasandur Sriramapuram	411/2	1.81.5	Rc.No.970/2013 (Mines) dated: 18.02.2016	08.03.2016 to 07.03.2018	

4. **DETAILS OF ROYALTY OR REVENUE RECEIVED IN THE LAST THREE YEARS:**

Data yet to receive from DGM

5. **DETAIL OF PRODUCTION OF SAND OR BAJARI OR MINOR MINERAL IN LAST THREE YEARS:**

Data yet to receive from DGM

6. **SAND DEPOSIT PROCESS:**

There are three main types of processes that occur in a river. These are erosion, transportation and deposition. All three depend on the amount of energy there is in a river.

6.1 Types of erosion

The energy in a river causes erosion. The bed and banks can be eroded making it wider, deeper and longer. Head ward erosion makes a river longer. This erosion happens near its source. Surface run-off and through flow causes erosion at the point where the water enters the valley head. Vertical erosion makes a river channel deeper. This happens more in the upper stages of a river (the V of vertical erosion should help you remember the v-shaped valleys that are created in the upper stages). Lateral erosion makes a river wider. This occurs mostly in the middle and lower stages of a river.

There are four main processes of erosion that occur in rivers. These are:

1. Hydraulic action;
2. Abrasion / corrasion;
3. Attrition; and
4. Corrosion.

6.1.1 Hydraulic action

The pressure of water breaks away rock particles from the river bed and banks. The force of the water hits river banks, and then pushes water into cracks. Air becomes compressed, pressure increases and the riverbank may, in time collapse. Where velocity is high e.g. the outer bend of meander, hydraulic action can remove material from the banks which may lead to undercutting and river bank collapse. Near waterfalls and rapids, the force may be strong enough to work on lines of weakness in joints and bedding planes until they are eroded.

6.1.2 Abrasion / Corrasion

The sediment carried by a river scours the bed and banks. Where depressions exist in the channel floor the river can cause pebbles to spin around and turn hollows into potholes.

6.1.3 Attrition

Eroded rocks collide and break into smaller fragments. The edges of these rocks become smoother and more rounded. Attrition makes the particles of rock smaller. It does not erode the bed and bank. Pieces of river sediment become smaller and more rounded as they move downstream.

6.1.4 Corrosion / Solution

Carbon dioxide dissolves in the river to form a weak acid. This dissolves rock by chemical processes. This process is common where carbonate rocks such as limestone and chalk are evident in a channel.

6.2 Transportation

Transportation of material in a river begins when friction is overcome. Material that has been loosened by erosion may be then transported along the river. There are four main processes of transportation. These are:

1. Suspension / suspended load;
2. Solution / solution load;
3. Saltation; and
4. Traction.

Suspension is when material made up of very fine particles such as clay and silt is lifted as the result of turbulence and transported by the river. Faster-flowing, turbulent rivers carry more suspended material. This is why rivers appear muddy as they are approaching bankfull discharge and towards the mouth of the river (where velocity is greater as is the occurrence of finer sediment).

Solution is when dissolved material is carried by a river. This often happens in areas where the geology is limestone and is dissolved by slightly acidic water.

Saltation is when material such as pebbles and gravel that is too heavy to be carried in suspension is bounced along the river by the force of the water.

Traction is when large materials such as boulders are rolled and pushed along the river bed by the force of the river.

The capacity of a river is the total load a river can transport at a given point.

6.3 Deposition

Deposition is the process of eroded material being dropped. This happens when a river loses energy. A river can lose its energy when rainfall reduces, evaporation increases, friction close to river banks and shallow areas which leads to the speed of the river reducing and therefore the energy reduces, when a river has to slow down it reduces its speed (and ability to transport material) and when a river meets the sea.

Sediment in rivers gets deposited as the river slows down. Larger, heavier particles like pebbles and sand are deposited first, whilst the lighter silt and clay only settle if the water is almost still. The flow of water is strongest on the outside of river bends, eroding the bank, but is slowest on the inside of the bends, allowing deposition of sand and gravel. When a river “bursts its banks” after heavy rain, flood water spreads out across the floodplain and, because this water hardly moves, finer silt and clay are deposited – often making good farmland.

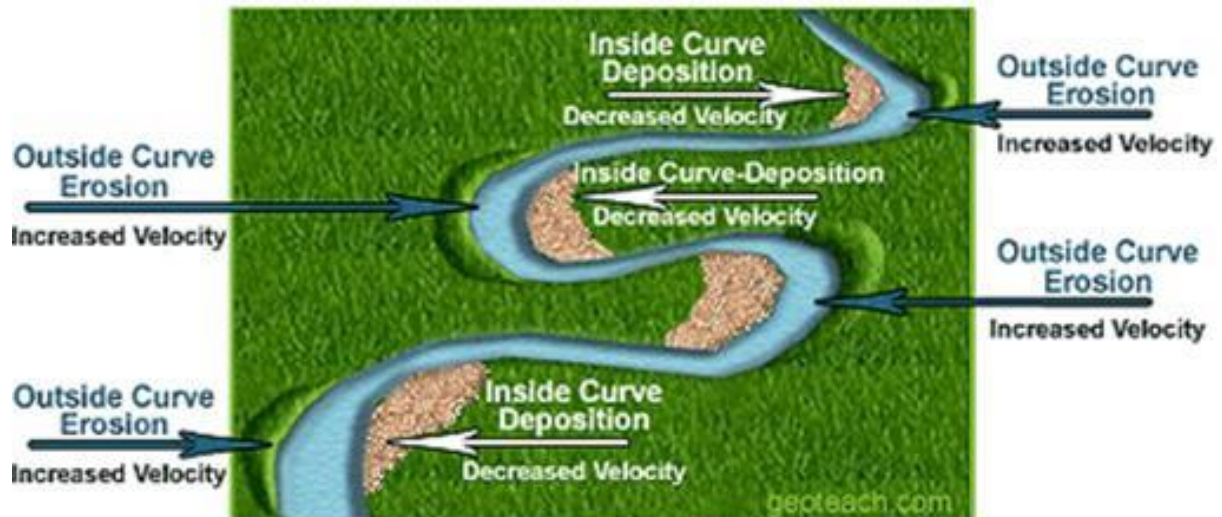


Fig.6.3.1. Schematic picture of meandering and deposition of sediments

When a river reaches a lake or the sea, it quickly deposits much of its sediment. This may choke up the river channel, which then divides up into distributaries, between which swamps are formed.

Dindigul district forms parts of Cauvery, Vaigai, and Pampar basins. The northern part of the district falls in the Cauvery basin. The main rivers that drain this basin are Shanmuganadhi, Nangangiar and Kodaganar River. The Southern part of the district falls under Vaigai basin. The main rivers that drain in this basin are Marudha Nadhi, Manjalar and Vaigai River. The Pampar basin forms the eastern part of the district and the minor rivers in this basin are Thirumanimuthar and Palar-Puranthalar.

Kodavanar, Vaigai, Manjalaru, Maruda, Nanganchi, Palar, Porundalar Shanmukha River etc. are the major rivers and streams in the Dindigul district and the curving feature of the meandering in those rivers (like, as shown in the above picture) is the suitable place deposition of transported sediments.

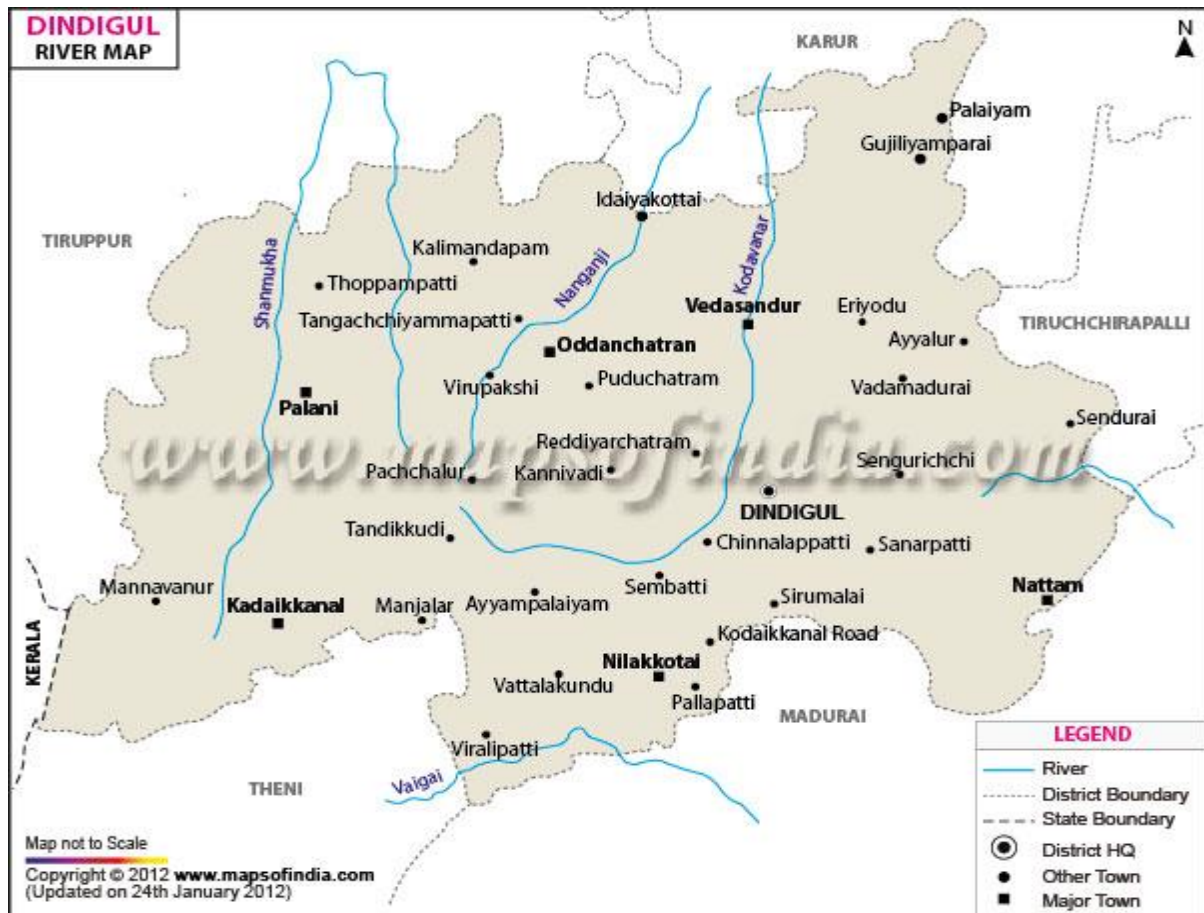
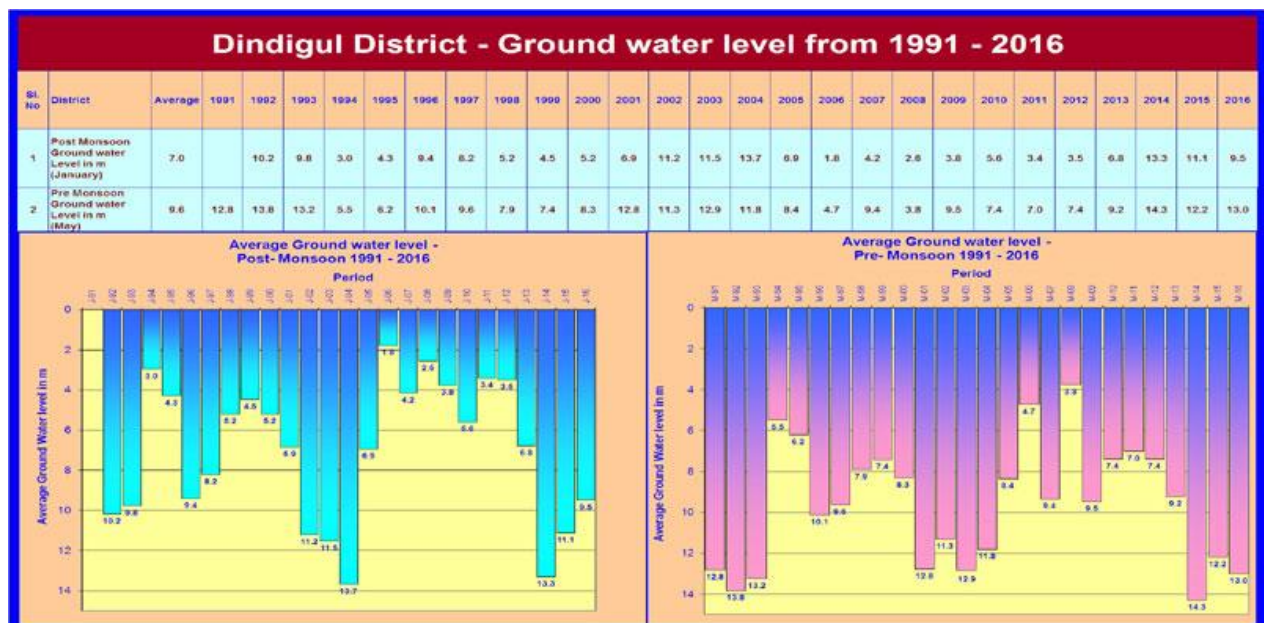


Fig.6.3.2. River map of Dindigul



Source atlas of CGWB

Fig.6.3.3. Ground water level of Dindigul from 1991 - 2016

7. GENERAL PROFILE OF THE DISTRICT

Dindigul district was carved out of the composite Madurai district in September 1985 as per G.O. Ms. No. 1255, dated 2.9.1985. The new district was named after the former Chief Minister of Tamil Nadu (late) C.N. Annadurai as “Dindigul Anna District”. This district was renamed at various points of time since 1985. It is presently named as Dindigul district from 1.7.1997.

Location and Geographical Area:

Dindigul District located in the south western part of Tamil Nadu. This district is bound by Erode, Tiruppur, Karur and Tiruchi districts in the North; Sivaganga and Tiruchi districts in the East; Madurai district in the South and by Theni and Tiruppur districts and Kerala in the West. Geographically the district falls between N10° 05' and N10° 09' and E77° 30' and E78° 20' and it is spread over on an area of 6266.64 square km.

For a long time, Dindigul town has been associated with iron locks and safes of good quality and durability. A lock manufacturing unit under co-operative sector is functioning here. Another industry for which Dindigul is noted is leather tanning.

This district has a flourishing handloom industry at Chinnalapatti, which is located at 11 km away from Dindigul on the Madurai-Dindigul highway. Art silk saris and Sungudi saris produced in Chinnalapatti are famous throughout India. More than 1000 families are engaged in this industry.

Dindigul is privileged to have one of the six celebrated abodes of Lord Muruga at Palani Hills, where the famous Dhandayuthapani Temple is situated on a hill at a height of about 450 metres. Besides the Palani temple, there is also another Murugan temple at Thirumalaikeni, 25 km away from Dindigul town, which is becoming popular as a pilgrim Centre. Abirami Amman Temple in Dindigul and Raja Kaliamman Temple at Thethupatti 20 km away from Dindigul are the other important temples which attract thousands of pilgrims.

Kodaikanal, a popular summer resort located at an altitude of 2133 meters in the Western Ghats, is the 'Princess of Hill Stations.' A notable feature of Kodaikanal is the 'Kurunji' flower that blooms once in 12 years . The next blooming will be in 2018.

Peranai and Sirumalai are the two picnic spots of this district. There are nine dams -- Palar Porundalar, Varathanathi and Kuthiraiaru in Palani block; Parappalar and Nangachiar in Oddanchatram block; Maruthanathi, Kamarajar Sagar in Athoor block;

Mavoor in Nilakottai block and Kudaganar in Veda sandur block. They augment irrigation facilities to agricultural fields in the district. Nilakkottai town is famous for brass vessels and jewellery. Nilakottai Taluk is famous for flowers and grapes. Oddanchatram is a famous market for vegetables. Batlagundu is an important market for tomato.

Pattiveeranpatti in Batlagundu Block is famous for cardamom and coffee curing enterprises.

DISTRICT PROFILE GLANCE		
GEOGRAPHICAL POSITION		
North Latitude	Between 10 ^o 05' and 10 ^o 09'	
East Longitude	Between 77 ^o 30' and 78 ^o 20'	
AREA AND POPULATION	2001 Census	2011 Census
Area (Sq.Km)	6266.64	6266.64
Population	19,23,014	21,59,775
Density	306	345
Modern Medicine		
a. No.of Hospitals	12	
b. Primary Health Centres	49	
c. Health Sub Centres	311	
d. Beds in Hospitals and Dispensaries	1227	
e. Total Number of Doctors	224	
f. Total Number of Nurses	619	
INDIAN MEDICINE		
a. No.of Hospitals	14	
b. Primary Health Centres	12	
EDUCATION		
1. Universities	2	
2. Arts and Science Colleges	13	
3. Engineering and Technology	5	
4. Colleges for Special Education	1	
5. Schools for General Education	2006	
TRANSPORT		
Road Length (Km.)		
1. National Highways	148.75	
2. State Highways	2268.66	

3. Corporation and Municipal Road	237.46
4. Panchayat Union and Panchayat Road	3225.12
5. Town Panchayat and Townships Road	597.29
6. Others (Forest Roads)	416.35
Railway Length	
1. Route Length (Km.)	
i. Broad Gauge	65.98
ii. Meter Gauge	116.08
2. Track Length (Km.)	
i. Broad Gauge	79.36
ii. Meter Gauge	123.24
3. Number of Railway Stations	11
Number of Sea Ports	0
Number of Air Ports	1 Private

8. LAND UTILIZATION PATTERN IN THE DISTRICT

The district has covered by forests about 20% of the total area. One third of the area falls under agriculture purpose. However, type of soil, rainfall and irrigation projects are playing a vital role in the development of land use in the district. The total cultivated area is 2,61,758 Hect., out of which 8,253 Hect., are sown more than once in a year. The principle crops are Paddy, Millets and other Cereals, Pulses, Sugarcane, Groundnut, Gingelly and Cotton. The following tables are shows the utilisation and sources of irrigation in the district.

LAND UTILISATION		
Sl. No.	Classification	Area(Hectare)
1	Forest	138923
2	Barren and Uncultivate lands	36210
3	Land to Non-Agricultural Uses	65013
4	Cultivable Waste	8846
5	Permanent pastures other Grazing Land	6946
6	Land under miscellaneous Tree crops and Groves not included in Nett Area sown	6491
7	Current Fallows	19752
8	Other Fallow Land	123933
9	Nett Area sown	220550
	TOTAL GEOGRAPHICAL AREA	626664

IRRIGATION SOURCES AND AREA			
Sl. No.	Source	Nos.	Area (Ha.)
1	Canals	41	7238
2	Tanks	2616	13436
3	Wells	75690	75878
4	Others	Nil	1668
	Total	78347	98220

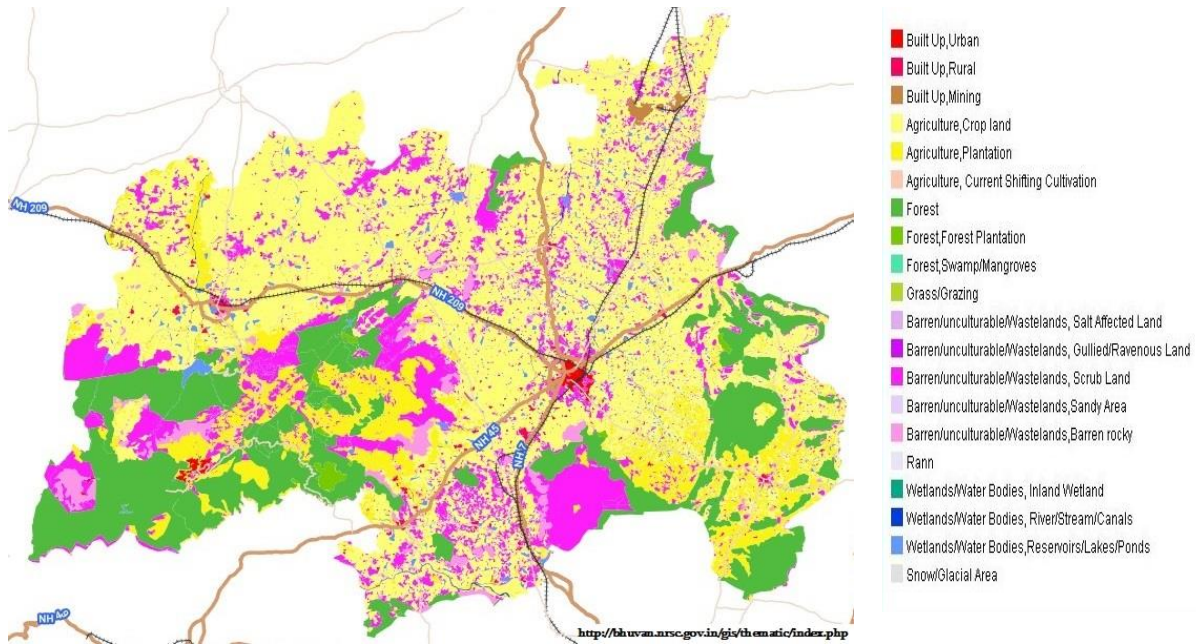


Fig.8.1. Land Use & Utilisation map of Dindigul

9. PHYSIOGRAPHY OF THE DISTRICT

A north-south trending range of hills, forming part of the Western Ghats, marks the western boundary with Kerala; Palani hills form the northern spur. The Palani hills range in height from 1163 to 2502 m, Vembadi Shola peak, called the suicide point, represents the highest peak. The Sirumalai hill ranges, situated south and east of Dindigul, mark the boundary with Madurai and Karur districts. The plains are dominant in between these hill ranges, in which the district headquarters Dindigul is located. It is undulating plain covered by red soil, except for a stretch of black cotton soil in areas around Palani and Nilakkottai. The district is drained by four parallel tributaries of Amaravathi River. They are Shanmugha nadi, Nallarangla nadi, Nanganji Ar., and Kodavanar. These ephemeral streams have their origin in the Palani range hill. The Vaigai River enters the district from Theni and flows over a narrow stretch, before entering Vadipatti area in Madurai district. Inselbergs, residual hills, pediments and pediplains are the prominent landforms and the flood plain is restricted to the bed of Vaigai and the ephemeral streams rising from the Palanis and joining the Amaravathi river in the north.

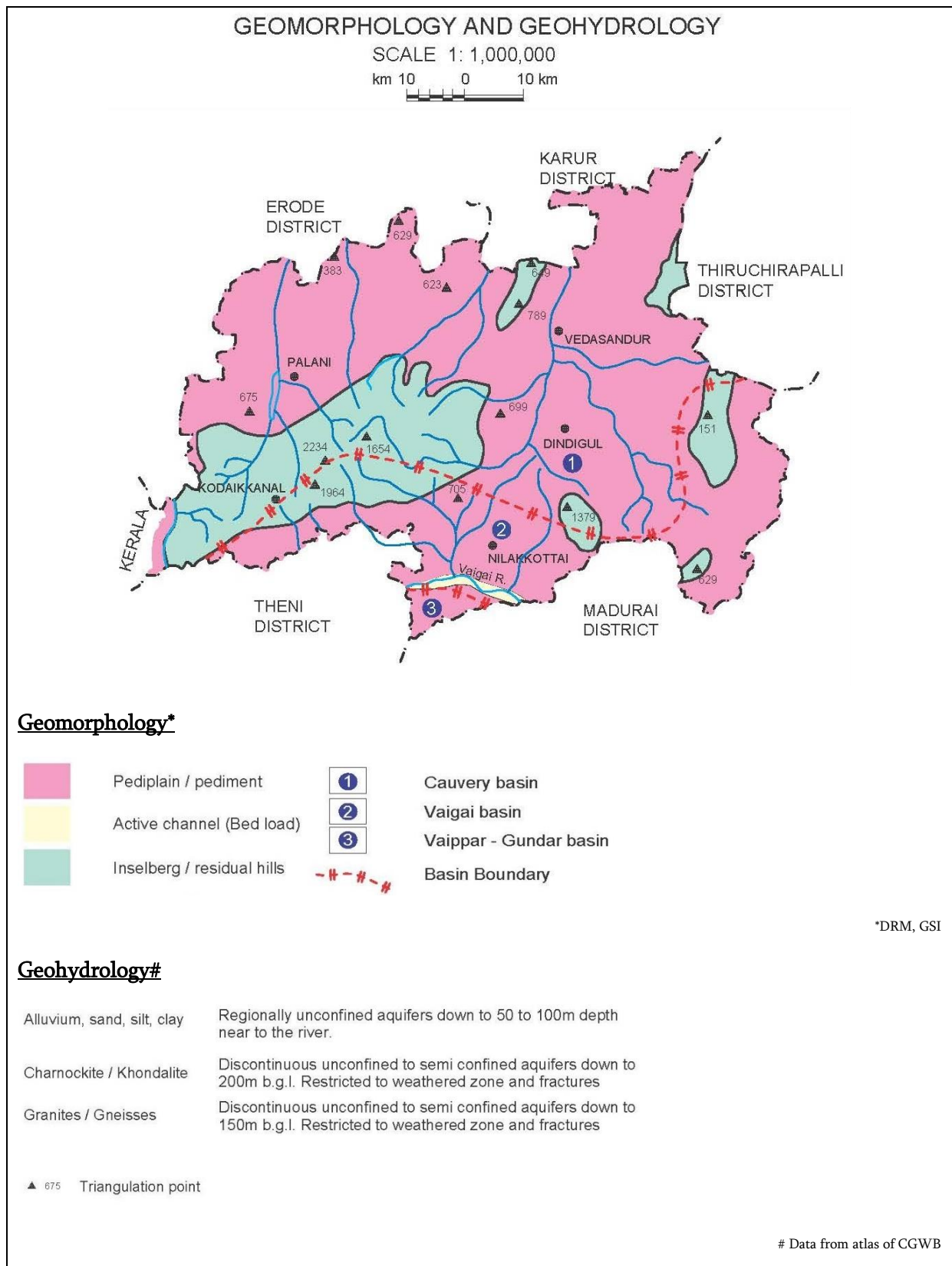


Fig. 9.1. Geomorphology and Geohydrology map of Dindigul

10. RAINFALL DATA OF THE DISTRICT – MONTH WISE

The Kodaikanal and Palani hill ranges of the district receiving the maximum rainfall, due to the surrounding of Western Ghats. The rest of the district lies in the rain shadow region of the Western Ghats and experiences decent climate throughout the year, except the central and northern parts of the district. However, the eastern part of the district also having a meaningful rainfall and hood climate. The temperature ranging from 22.5°C to 34.3°C IN plains and in hilly terrain of the district experiencing a maximum of 22°C in summer and a minimum of 8°C during winter.

Month wise rainfall data of the district is given below:

YEAR	JAN		FEB		MAR		APR		MAY		JUN	
	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP
2012	2.6	-86	0.4	-97	3.8	-83	60.3	-4	76.4	-8	19.8	-52
2013	0.0	-100	33.9	185	34.5	54	31.3	-50	36.9	-56	23.0	-44
2014	3.2	-83	4.1	-66	11.3	-50	15.1	-76	213.9	158	30.8	-25
2016	0.6	-97	0.3	-98	1.2	-95	7.6	-88	99.2	20	40.2	-2

YEAR	JUL		AUG		SEPT		OCT		NOV		DEC	
	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP	R/F	%DEP
2012	39.0	-30	64.7	-8	52.4	-59	272.5	45	29.2	-82	15.3	-83
2013	9.4	-83	50.8	-28	91.8	-28	122.5	-35	47.0	-70	50.2	-44
2014	14.8	-74	132.9	89	122.7	-4	341.7	82	42.8	-73	61.1	-32
2016	76.5	37	31.0	-56	17.9	-86	140.1	-26	37.5	-76	50.2	-44

Source: IMD.

11. GEOLOGY AND MINERAL WEALTH OF THE DISTRICT

a. An outline on Geology of Tamilnadu:

Crystalline rocks of Archaean to late Proterozoic age occupy over 80% of the area of the state of Tamilnadu, while the rest is covered by Phanerozoic sedimentary rocks mainly along the coastal belt and in a few inland River valleys. The hard rock terrain comprises predominantly of Charnockite and Khondalite groups and their migmatitic derivatives, supracrustal sequences of Sathyamangalam and Kolar groups and Peninsular Gneissic Complex (Bhavani Group), intruded by ultramafic-mafic complexes, basic dykes, granites and syenites. The sedimentary rocks of the coastal belt include fluviatile, fluvio-marine and marine sequences, such as Gondwana Supergroup (Carboniferous to Permian and Upper Jurassic to Lower Cretaceous), marine sediments of Cauvery basin (Lower Cretaceous to Paleogene), Cuddalore /Pannambarai Formation (Mio-Pliocene) and sediments of Quaternary and Recent age. Geological map of Tamilnadu is given below:

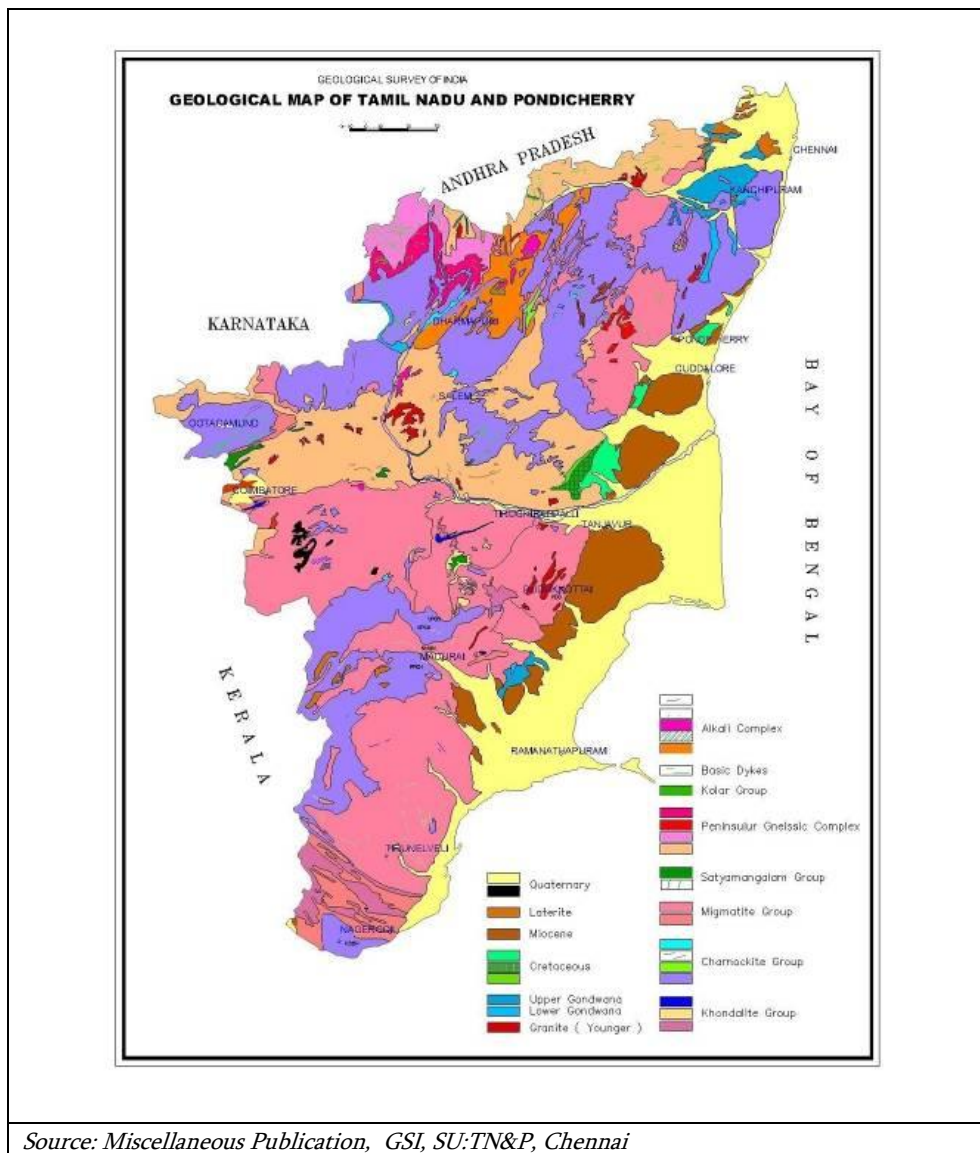


Fig. 11.1. Geology of Tamil Nadu

b. Geology of Dindigul District

The district is essentially a high grade gneissic terrain characterized by highly deformed rocks, which can be classified under three groups as 1) Khondalite Group, 2) Charnockite Group and 3) Migmatite Group. The terrain also exposes basic/ultrabasic and younger acid intrusives.

11.2.1 Stratigraphy of the District

Age	Group	Lithology
QUATERNARY	Recent to Pleistocene	Kankar
		Laterite
PROTEROZOIC	Acid intrusives	Quartz veins
		Pegmatite
		Granite
ARCHAEO-PROTEROZOIC	Migmatite Group	Pink migmatite
		Granitic gneiss
		Hornblende-biotite gneiss
	Basic/Ultrabasic Intrusives	Anorthosite
		Amphibolite / Norite / Gabbro
		Ultramafics
	Charnockite Group	Magnetite quartzite
		Pyroxene granulite
		Charnockite
	Khondalite Group	Garnet quartz - feldspar gneiss
		Garnet - sillimanite gneiss ± cordierite
		Calc-gneiss / Limestone
		Quartzite

(Source: GSI, DRM & Misc. Pub. 30, 2006)

Khondalite Group comprises quartzite, calc granulite / crystalline limestone, garnet-sillimanite gneiss, garnet-cordierite gneiss and garnet quartz-feldspar gneiss. Quartzite is an important member of the group, which occurs as linear bands of 5 m to 50 m thick and occupies the crest of linear ridges. It is white or smoky grey and consists of interlocking grains of quartz with minerals like garnet, biotite, diopside, sillimanite and magnetite as accessories. Magnetitequartzite bands are of restricted thickness. Calcgneiss is grey or green and banded,

which shows typical ribbed weathering. It consists of diopside, calcite, scapolite, wollastonite and sphene in various proportions with a small amount of quartz and garnet. With decrease in silicate minerals and increase in carbonates, it grades into crystalline limestone. Crystalline limestone is white, medium to coarse, with interlocking calcite, with a small amount of diopside, biotite and magnetite. Garnet-sillimanite gneiss is medium to coarse grained, 5 to 100 m thick and can be traced over a few kilometers along strike. It is mainly made of bands of quartz-k-feldspar rich layers alternating with layers rich in biotite, sillimanite and garnet. Garnet porphyroblasts upto 3 cm in diameter and sillimanite needles upto 5 cm x 2.5 mm size, are seen at a few places. This rock also has thin interbands of garnet-cordierite gneiss and garnet-quartz-feldspar gneiss.

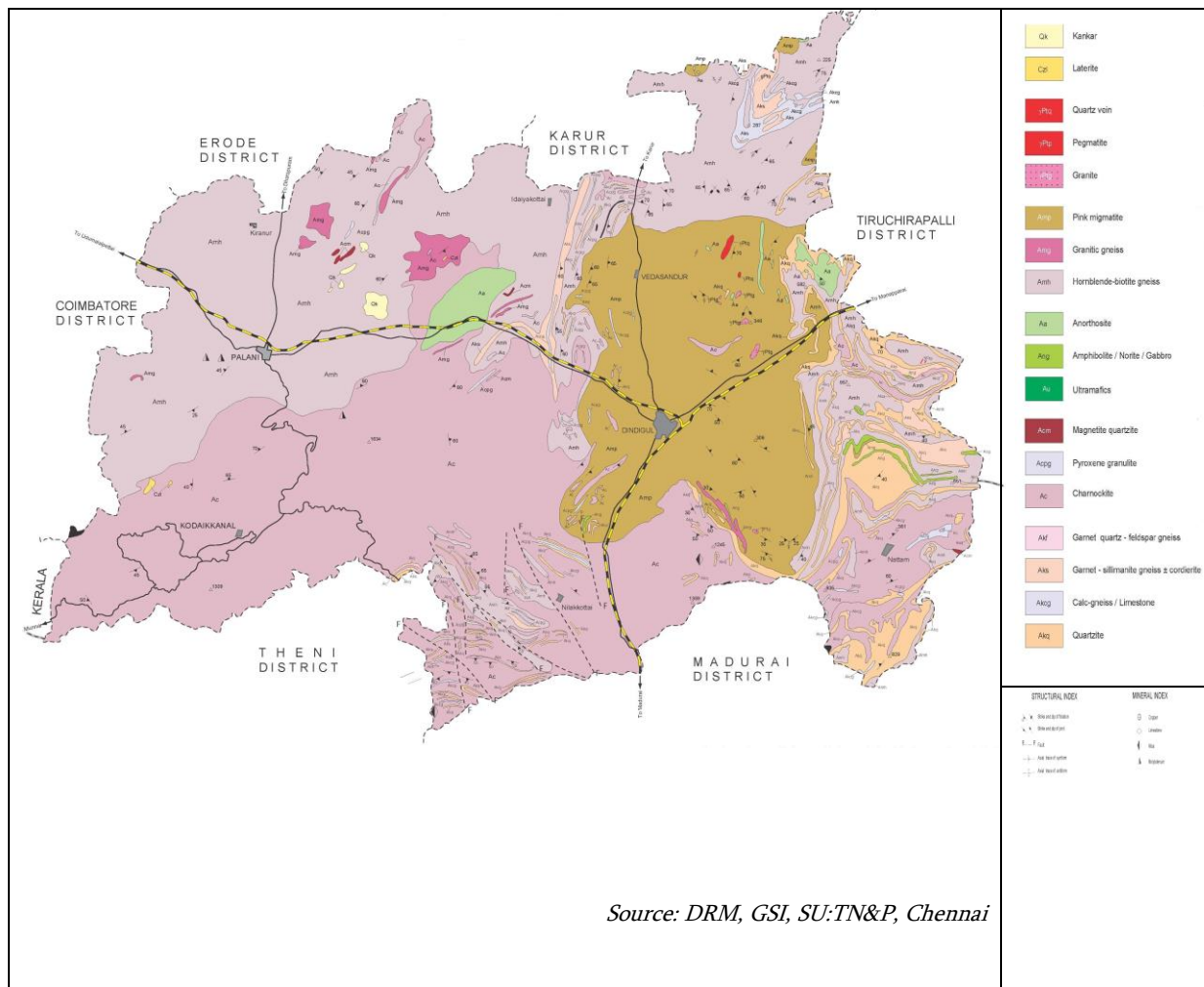


Fig. 11.2. Geology of Dindigul district

The metasedimentary rocks occur either as individual bands or as swathes of bands repeated several times with width varying from 10 m to 100 m and exposed length from 100 m to a few kilometers, within the Charnockites and Migmatites. These bands are repeated several times because of tectonic slicing.

The Charnockite Group comprises pyroxene granulite and charnockite. The pyroxene granulite is dark grey, medium grained granulitic rock with typical salt and pepper texture, seen on the weathered surface. It consists of diopside, hypersthene, plagioclase, hornblende, biotite and quartz. Charnockite is the predominant rock in the area. It is grey, medium to coarse grained, greasy looking with foliation seen prominently on the weathered surface. It is essentially made of smoky or grey quartz, pale grey microcline and hypersthene as major minerals with plagioclase, hornblende and biotite as accessories. It forms high hills / hill ranges and also occupies the plains, covered by 1-2 m thick soil.

Migmatite is a group of banded felsic rocks of varying mineralogical composition that are formed due to the influx of quartzo-feldspathic material into high grade metamorphic rocks. Two types of migmatite are seen in the Dindigul district, one is grey and the other is pink. Next to charnockite, migmatite gneiss is the second most extensive rock. The migmatite gneiss consists of quartz, kfeldspar, plagioclase, hornblende and biotite in varying proportions.

Intrusive igneous rocks are seen in the area are meta-gabbro and anorthosites as for example around Oddanchatram and east of Vendasandur. Meta gabbro is coarse grained, dark grey, mainly comprising pyroxene, amphibole and plagioclase. Anorthosite is pale pink to light brown, medium to coarse grained rock essentially made up of plagioclase with a small amount of pyroxene and amphibole. Quartz and pegmatite veins are of restricted areal extent. Minor bodies of younger granite are exposed in the area east of Vendasandur.

Foliation/ gneissosity, the prominent planar structure seen in the metamorphic rocks is ENE-WSW in the west and near N-S in the central part of the district. The eastern part of the district shows complicated folded structures due to interference of two phases of folding, forming a series of domes and basins. Faults and shear zones trend N-S in the central part, and NW-SE in the southern part.

C. MINERAL WEALTH OF THE DISTRICT:

Dindigul district is blessed with the minor minerals such as Granite (Pink Granite/ Pink Granite Gneiss $\pm$ Garnet, Pyroxene Granulite?), Blue metal (Charnockite), Brick Soil, Gravel, Kankar, Quartz and Feldspar and sand as well as major minerals like Crystalline Limestone and Bauxite. A few copper, molybdenum and mica are also occurred in some places. These mineral occurrences in the district are described below:

11.3.1 ROUGH STONE (Charnockite & Hornblende Biotite Gneiss):

The **Charnockite** is quarried as rough stone/blue metal and used for road material and construction purpose, used as raw material to produce M-Sand, hollow block bricks etc., It occurrences covered most of the area like Bodicommanvadi of Athoor and Mallanampatti, Viralipatti and Rengappanaikanpatti of Batlagundu Block and Jambuduraikottai, Sivagnanapuram, kombaipatti, Musuvanuthu of Nilakottai Block. Geologically, they are showing a trend of about N30°W and dipping 60°-70° towards south. Mined of good quality charnockites are present 1 – 2m below the ground level. However, in some places the mining is running in the slope of the hillock. In Sanarpatti block of Dindigul (East) taluk the Charnockite is available in and around Rajakkapatti, Koovanuthu and Thimmananallur and are showing a trend of about N30°W and dipping 50°-60° towards S to SW. In Natham, Oddanchatram and Palani Taluks some of the area Charnockite is being mined in slope of the hilly terrain also. The following table showing the details of potential Charnockite rock being mined areas in the district:

Name of the Villages	Taluk	Co-ordinates
Bodicommonvadi	Athoor	N 10°15'35" Latitude E 77°49'4.06" Longitude
Thimmananallur, Rajakkapatti, Koovanoothu	Dindigul (East)	Latitude from 10° 16' 20.83" to 10° 20' 15.54" Longitude from 78° 02' 53.57" to 78° 08' 44.23"
Alagupatti, Old Kannivadi, Palakkanuthu, Gurunathanaickanur, Alakkuvarpatti, Sullerumbu, K.Pudukottai & Kothapulli	Dindigul (West)	Latitude from 10° 24' 26.42" to 10° 29' 45.94" Longitude from 77° 51' 34.24" to 77° 58' 25.10"
Kudagipatty, Sirugudi, Nadumandalam, Pillaiyarnatham, Sathampadi	Natham	Latitude from 10° 11' 37.81" to 10° 21' 46.25" Longitude from 78° 12' 12.09" to 78° 19' 22.75"
Viralipatti, Mallanampatti, Rengappanaickenpatti, Musuvanoothu, Jambuthurai kottai, Kombaipatti, Sivaganapuram	Nilakottai	Latitude from 10° 04' 34.5" to 10° 13' 23.10" Longitude from 77° 42' 20.51" to 77° 53' 45.54"
Thasaripatti, Koothampoondi,	Oddanchatram	Latitude from 10° 27' 12.64" to

Kethaiyurumbu, Kariyampatti, Ellapatti, Appanuthu, Reddiapatti, Kallimandayam, Veeralapatti.		10° 42' 53.39" Longitude from 77° 33' 47.35" to 77° 49' 48.76"
R. Vadipatti, Muthunaickenpatti, Chinna Kalaiyamputhur, North Thathanaicken patti, Kolumam kondan, Balasamuthiram Thummalapatti, Puliyampatti	Palani	Latitude from 10° 24' 32.30" to 10° 34' 03.00" Longitude from 77° 24' 06.20" to 77° 34' 23.69"
Kaithiyankottai, Chinnaluppai, Ammapatti E.Chithur, Padiyur, Kulathur, Thennampatti, Vadugampadi, Nathapatti, Vadamadurai	Vedasandur	Latitude from 10° 27' 24.51" to 10° 39' 58.67" Longitude from 77° 55' 25.71" to 78° 05' 51.72"



Photo:
Charnockite quarry at
Kothapulli, Dindigul
(West) Taluk of Dindigul
District.
[N 10°26'48.71"
E77°52'14.61"]



Photo:
Charnockite quarry at Thummalapatti,
Palani Taluk of Dindigul District.
[N 10°31'49.21" E77°32'15.17"]



Photo:
Layered Charnockite
quarry at
Thimmananallur,
Dindigul (East) taluk
of Dindigul District.
[N 10°16'20.83"
E78°08'44.23"]

11.3.2 CRYSTALLINE LIMESTONE:

A strataform, strataband as tabular deposit of regular habit crystalline limestone deposit is associated with charnockite and calc gnessic in north and eastern part of the district. In northern part, the deposit found only in Gujiliyamparai block of Vedsandur taluk and in eastern part it occurs in Natham block of Natham taluk. In Gujiliyamparai block, it has a trend of N45°E and dipping 70° to 75° towards south. In natham block it is trending N45°E to N60°E and dipping 50° to 60° towards north. The deposit presented in Gujiliyamparai block is being mined by M/S. Chettinad Cement Corporation (P) Ltd., and others. It has a strike length of about 5.3 km with an average width of 300m. The average CaO presented in this deposit is +35% which provides a cement grade. . The deposit presented in natham block is being mined by several concerns and has a strike length of about 1.5 km with an average width of 50m.

Name of the Villages	Taluk	Co-ordinates
Sirugudi, Panniyamalai, Nadumandalam Samuthirapatti	Natham	Latitude from 10° 14' 15.11" to 10° 14' 58.81" Longitude from 78° 15' 51.83" to 78° 17' 56.71"
Alambadi Karikali Mallapuram Dholipatti, Palayam, Mallapuram Ulliyakottai Kottanatham	Vedasandur	Latitude from 10° 41' 02.02" to 10° 45' 43.34" Longitude from 78° 03' 07.9" to 78° 07' 59.67"



Photo:
Limestone quarry at
Alambadi, Vedsandur
taluk of Dindigul
District.
[N 10°42'58.89"
E78°03'19.28"]



Photo:

Limestone quarry at Panniyamalai,
Natham taluk of Dindigul District.
[N 10°14'42.18" E78°17'01.16"]

11.3.3 QUARTZ & FELDSPAR:

Quartz and Feldspars are being exploited from Quartz and Pegmatite veins intruded in the Pyroxene Granulite and Hornblende Biotite Gneiss exposed in kuttam area of Vendasandur taluk. Numerous pegmatite veins are intruded into the country rock and are reflected by presence of float of Quartz on the surface. The general trend of the pegmatite vein is NNE-SSW. However, nowhere in the district the quartz & feldspar is actively mining. The following table showing the details of potential Quartz and Feldspar areas:

Sl. No.	Name of the Villages	Name of the Taluk
1	Gurunathanaickanur, Sullerumbu	Athoor
2	Sirumalai	Dindigul (East)
3	Mulaiyur, PillyarNatham, Sathambadi, Sethur	Natham
4	Poosaripatty, Kethaiyurumbu	Oddanchatram
5	Kuttam, Nagayakottai V, R.Vellodu, Sukkampatti	Vendasandur



Photo:
Quartz & Feldspar quarry at
Mulaiyur, Natham taluk of
Dindigul District.
[N 10°13'09.27"
E78°10'33.64"]



Photo:
Quartz & Feldspar quarry at
Kuttam, Veda sandur taluk of
Dindigul District.
[N 10°37'27.87"
E77°54'01.65"]

11.3.4 DIMENSIONAL STONE:

The Pink Granite/ Pink Granite Gneiss $\pm$ Garnet is occurred in and around Vendasandur taluk as lateral intrusion. Northern part of Vendasandur around 2 K.M. NNE of Kalvarpatti, these intrusive body is actively being mined for the purpose of dimensional stone. The granite found in these surrounding localities are in absence of garnets, while the eastern part of Vendasandur, places like Eriodu, Thennampatti etc. are showing garnets. Around the Kalvarpatti area, a deep green coloured dimensional stone is also being mined, may be Pyroxenite/ Pyroxene Granulite? In the eastern part of Vendasandur TAMIN also mined the granite, but presently it is not working. However, other concerns are still mining the dimensional stones. Other than this locality, places like Sathambadi of Natham taluk, Viralipatti, Chekkapatti of Nilakottai taluk and Andipatti of Palani taluk are also available with granite, but the mining activity is presently stopped. In Veriappur, Jokipatti, Kollapatti and Thangachiyammapatti of Oddanchatram taluk is also available with dimensional stone, however the mining activity is yet to start.



Photo:
Granite quarry at
Eriyodu, Vendasandur
taluk of Dindigul
District.
[N 10°31'48.11"
E78°02'36.02"]

11.3.5 GRAVEL:

A medium grained murum or lateritic soil extend to the depth of 3 to 5m from the ground level in the Ellapatti area Oddanchatram taluk, which is generally an in-situ? deposit formed from parent rock due to weathering processes is mined and used for road construction material. In Palani taluk also this kind of gravel is mined in and around Andipatti.



Photo:
Gravel excavation at
Ellapatti, Oddanchatram
taluk of Dindigul District.
[N10°39'12.55"
E77°46'06.47"]

11.3.6 BRICK EARTH:

A fine to silty clayey red coloured soil of 0 – 5m thickness is being mined here and there in the district and used for manufacturing of bricks. This kind of brick earth grade red soil is available in Tasiripatti of Oddanchatram and Pudachu, Andipatti, Chitharevu and Eravimangalam of Palani taluks. However, these areas are well maintained by coconut plantation and other crops after this soil has been mined.



Photo:

Brick earth excavation at
Tasiripatti, Oddanchatram
taluk of Dindigul District.

[N10°26'40.15"

E77°39'11.02"]

11.3.7 KANKAR:

The deposits are all superficial, limited to depths of 2 to 5 m. It is widely used for lime burning. Kankar deposit is being mined at only in Sriramapuram of Vedasandur taluk.

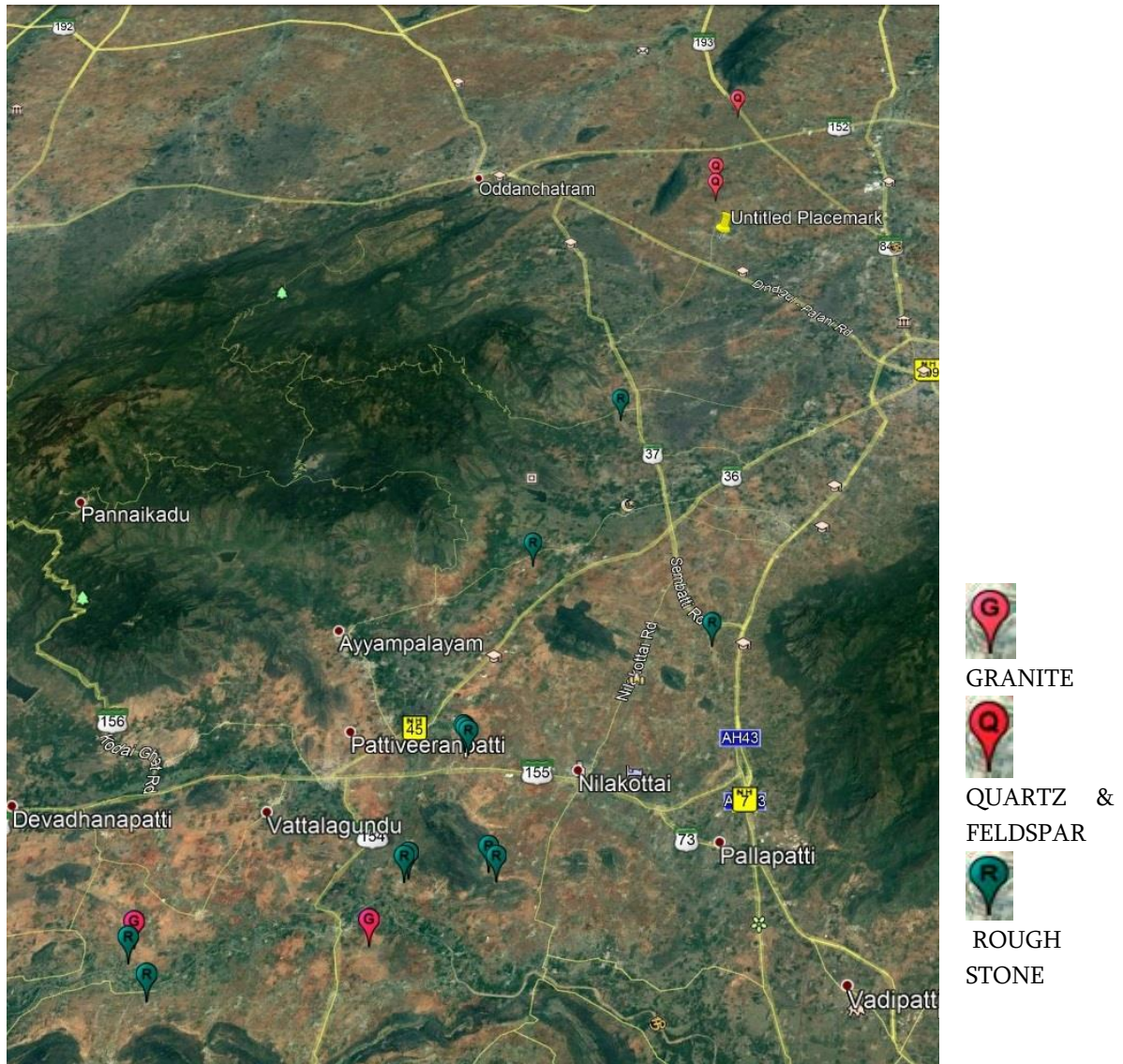


Plate:1. Locations of quarries presented in Athoor & Nilakottai taluks of Dindigul



Plate:2. Locations of quarries presented in Dindigul (East) taluk of Dindigul

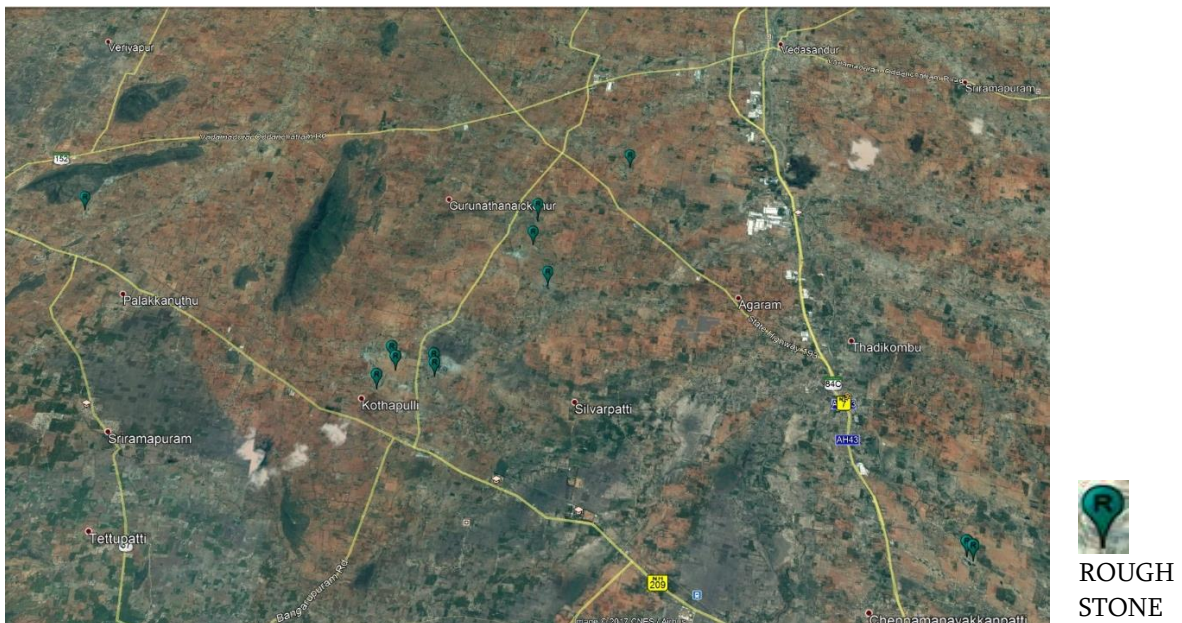


Plate:3. Locations of quarries presented in Dindigul (West) taluk of Dindigul

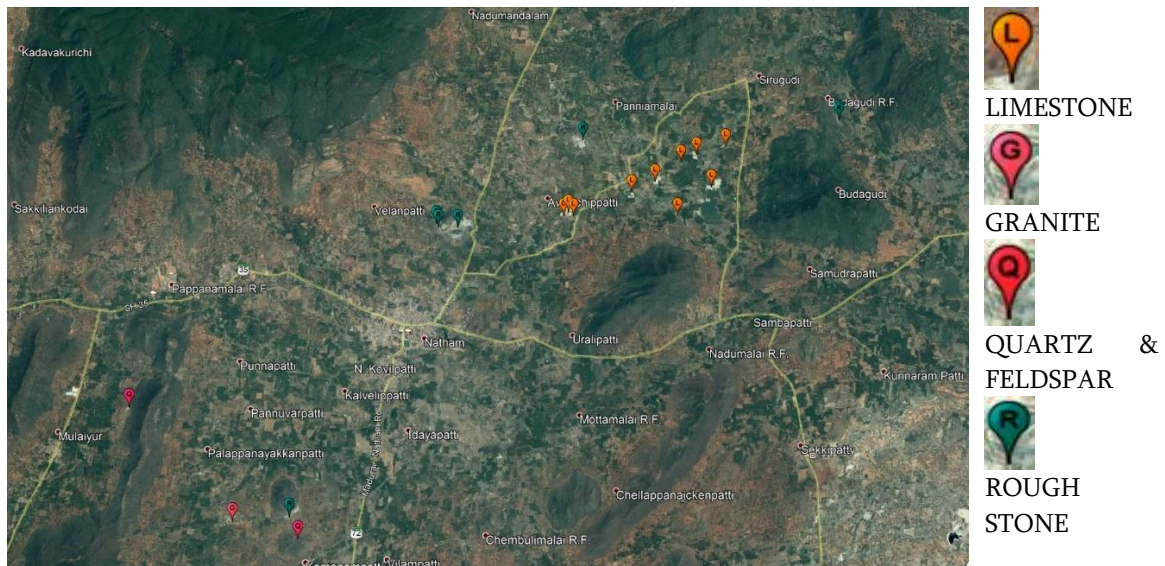


Plate:4. Locations of quarries presented in Natham taluk of Dindigul

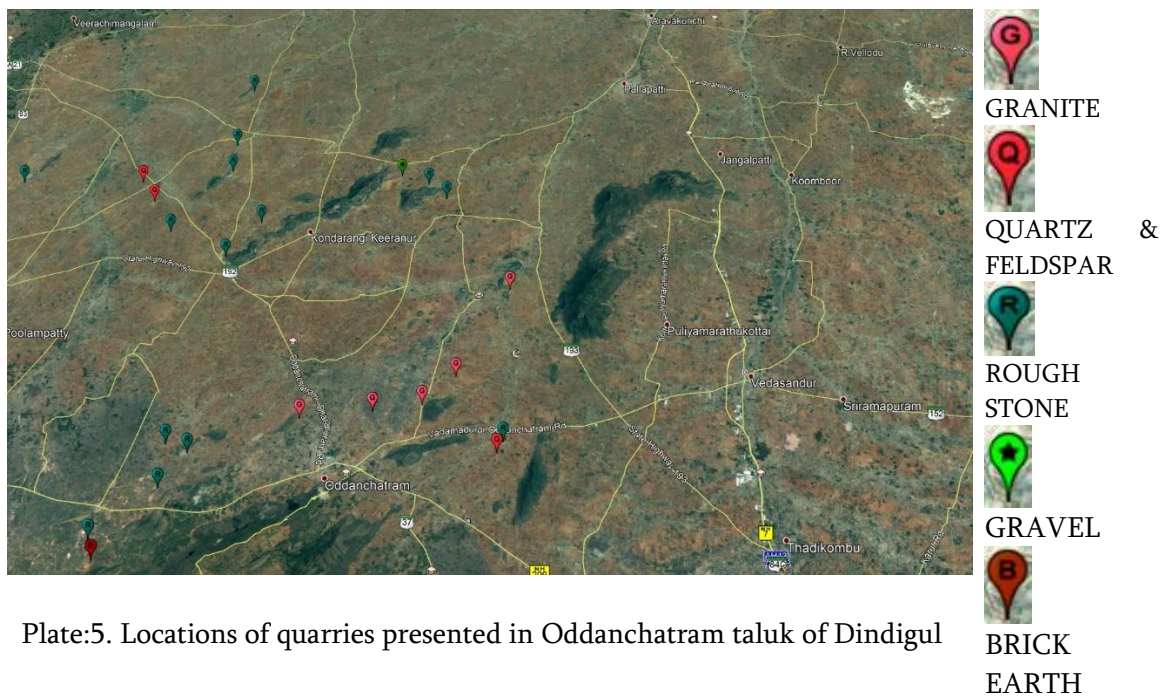


Plate:5. Locations of quarries presented in Oddanchatram taluk of Dindigul

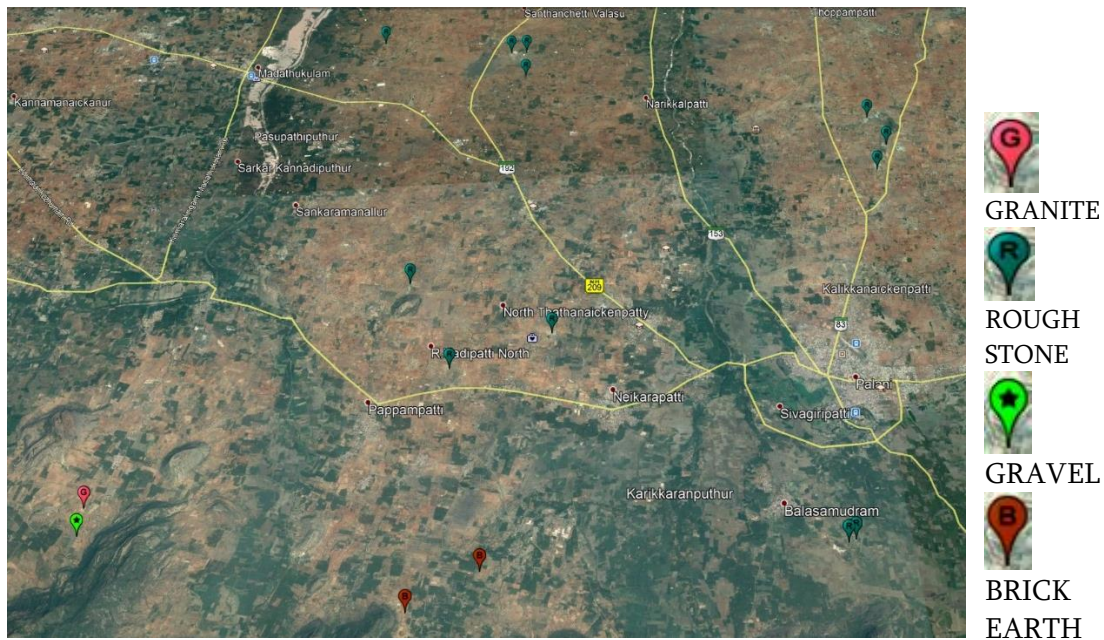


Plate:6. Locations of quarries presented in Palani taluk of Dindigul

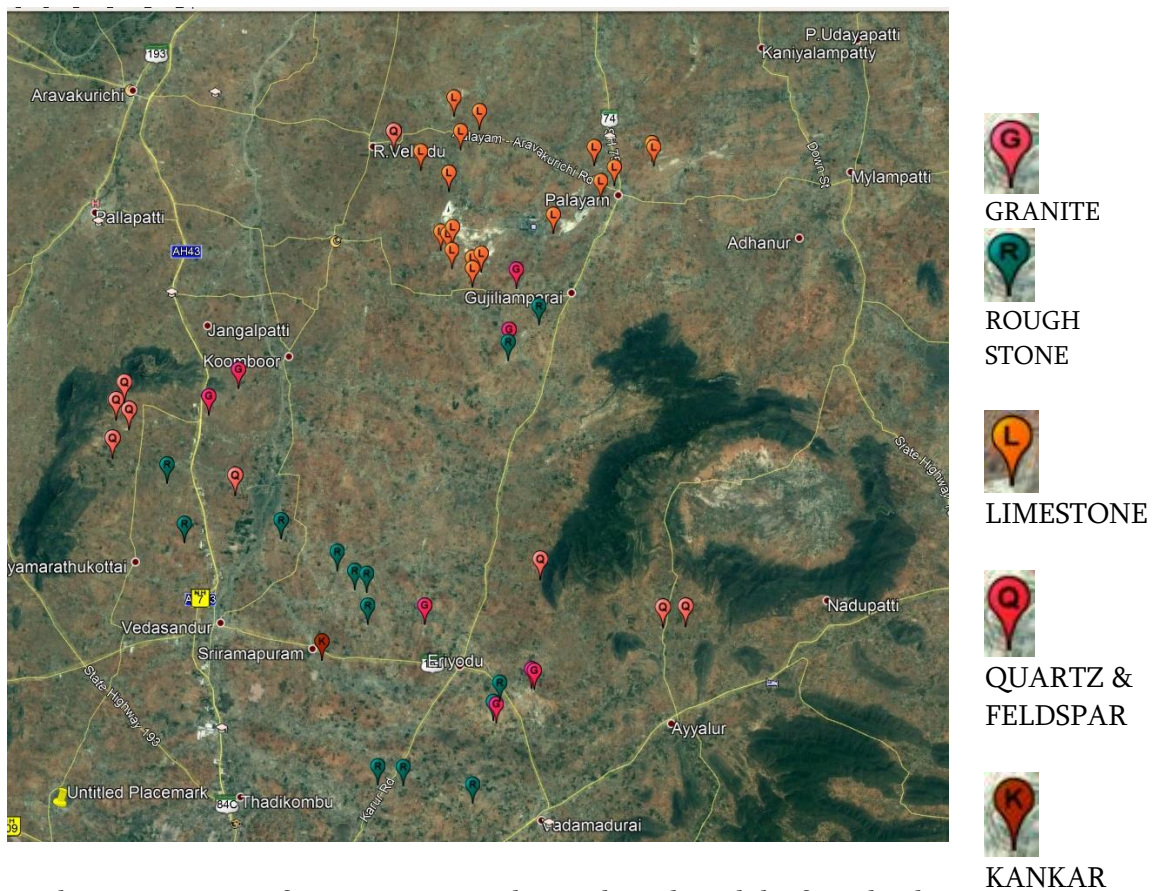


Plate:7. Locations of quarries presented in Vedasandur taluk of Dindigul

CONCLUSION AND RECOMMENDATION

During the field survey, it is found that nowhere in the district, the water table is encountered in quarries. However, it is to be mentioned that regular monitoring and due care has to be taken to avoid the same by mining activity. The mining activity has strictly to be stopped at least 2-3 feet above the water table.

A regular survey may be taken up with the help of surveyor in each pre and post monsoon period to estimate and or calculate the aggradation Vs rainfall, of the sediments such as sand, gravel, brick earth and clay etc., for providing the mining lease for the future.

Further it is suggested that the meta-sedimentary quartzite available in the district may be mined in future as m-sand to meet the sand requirement of the district. However, the precautions are to be prepared such as

- A. Development of plantation should be done by the person concern who is availing the mining licence, which may equal to the mining area,
- B. Heightening of the surroundings of the mining activity, with dump, as barrier, so that the pieces and dusts may not travel for a distance of habitat area,
- C. Levelling of ground in the mined area after mining activity has finished, with dump, which is said in the above point and plantation may be prepared there also to make the balanced environment,
- D. Water should be poured properly while crushing the rock to avoid travelling of dust.