





## BIO DATA

### PERSONAL

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Name	Suresh Chander	Email address	 om
Date of Birth	20.02.1966	Phone nos.	

Educational Qualification      MSc Applied Geology (University of Delhi) 1991

### OFFICIAL

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Designation	Director
Present Place of Posting	Geological Survey of India , NER, Itanagar
Date of Joining GSI	9 <sup>th</sup> May 1994 (UPSC Geologist Exam'1991)

### Professional Experience in GSI

- Joined Geological Survey of India at the then Airborne Mineral Survey & Exploration Wing, Jaipur as Asst. Geologist in May 1994 through UPSC Examination, 1991. Promoted to the post of Geologist in 2002 and Senior Geologist in 2008.
- Carried out prospecting & exploration for gold and base metal in Sanjela-Manpur-Dugocha Metallogenic Belt in NW Aravalli Craton from 1995 to 2008. Identified a number of prospects for gold and basemetal mineralization in Sanjela-Manpur-Dugocha Metallogenic Belt with an integrated approach by ground evaluation of aero-geophysical anomaly, geochemical surveys, large scale geological mapping and detailed geological mapping. Located a target zone for base metal (Pb-Zn-Cu) mineralization by ground evaluation of aero-geophysical anomaly and carried exploration in Pur-Banera Belt, Pur-Banera Group, Bhilwara District Rajasthan from 2008-2010.
- Transferred to Southern Region, Geological Survey of India, Hyderabad in August 2010. In southern region he worked in Mission-II and PSS Division. During services in Mission-II, GSI, SR, Hyderabad, hundreds of mineral investigation report classified in UNFC.
- Joined Technical Coordination Division, GSI Training Institute (GSITI) in September 2011, through interview. Has been delivering lectures on Ore Genesis, Classification of Mineral Deposits and United Nations Framework Classification (UNFC).
- Transferred to GSI Western Region Jaipur in June'2016 after completion of tenure in GSITI, Hyderabad. Supervised mineral exploration projects for gold and Rare Earth Elements in Rajasthan.
- Taken over charge of Director, RTD-FTC, Jaipur/Zawar on 29<sup>th</sup> July'2021 through selection process of presentation and interview.
- Joined Geological Survey of India, NER, State Unit Arunachal Pradesh, Itanagar on 21<sup>st</sup> September'2023 on transfer.

**Awards (Professional) Received :**

National Mineral Award-2006 (solo) for significant contribution in the field of Mineral Discovery.

**Training in India**

1. Nineteenth Orientation Course for Geologist conducted by Geological Survey of India, Training Institute, Hyderabad from 16<sup>th</sup> November to 12<sup>th</sup> May 1995.
2. Fourth Refresher Course in Exploration for Gold organized by the Geological Survey of India, Training Institute, Hyderabad at Chitradurga and Bangalore from 9<sup>th</sup> to 23<sup>rd</sup> July, 1997.
3. Refresher Course in Mineral Exploration Techniques and Prospect Targeting conducted by the Geological Survey of India, Training Institute, Hyderabad at Zawar from 6<sup>th</sup> to 26<sup>th</sup> July, 1999.
4. Training in Geochemical Exploration organized by Geological Survey of India, Training Institute, Hyderabad at Chitradurga / Bangalore from 12<sup>th</sup> to 23<sup>rd</sup> June 2000.
5. Workshop cum Training Programme on “United Nations Framework Classification (UNFC) On Reserve Estimation” conducted by Indian Bureau of Mines, Training Centre Bangalore from 12<sup>th</sup> to 14<sup>th</sup> August 2002.
6. 1<sup>st</sup> Basic Course on Geophysical Map Interpretation for Geologists conducted by Geological Survey of India, Training Institute, Hyderabad at Zawar from 19<sup>th</sup> to 30<sup>th</sup> August 2002.
7. Training on “Organizational Behavior Development of Leadership Quality” organized by GSITI, Hyderabad from 30/03/2013 to 04/04/2013
8. Short course on “Mineral Deposit Evaluation: Resource Estimation, Classification and Reporting” organized by the GeoGlobal, LIC (USA) and the Mining Engineers Association of India (MEAI), Hyderabad from 17-20, April 2017.

**Training Abroad with duration** *NA*

**Experience outside GSI** *NA*

**Specialization** Mineral Exploration

**Seminar / Symposia attended****(International)**

Attended International Field Workshop on Gold Metallogeny in India organized by Department of Geology, University of Delhi and National Geophysical Research Institute, Hyderabad. 3<sup>rd</sup>-13<sup>th</sup> December 2008.

**(National)**

**Suresh Chander** and Sisodia, C.P. (1998) Gold Mineralisation in Lower Proterozoic rocks of Salumber area, Udaipur District, Rajasthan- Abstracts. M.S. Krishnan Centenary Commemorative National Seminar Volume 1-2. Nov. 1998.

Rao, R.S. and **Suresh Chander** (2001) Shear controlled base metal mineralisation in Palaeoproterozoic Proterozoic rocks of Salumber-Dhariawad area, Udaipur District, Rajasthan. Geol. Surv. Ind. Abstracts Sem. Mineral Exploration and Resource Surveys, Jaipur (Dec. 19-20, 2001)

**Suresh Chander**, Malhotra, A.K. and Vaid, J.K. (2002) Integrated surveys for exploration in Dugocha block, Sanjela-Manpur-Dugocha metallogenic belt, Udaipur District, Rajasthan. Geol. Surv. Ind. Spl. Pub. No.75; pp.197-206, 2002

Sisodia, C.P., Chattopadhyay, A.K., **Suresh Chander**, Malhotra, A.K. (2002) Airborne

geophysical surveys in the exploration for basemetal and gold - case studies from Rajasthan. Geol. Surv. Ind. Spl. Pub. No.75; pp.29-36

- Gupta Dinesh, **Suresh Chander**, Prasad, S.R., Radhe Shyam and Yadav, P.K. (2003) Role of airborne geophysics in discovering gold-sulphide mineralisation in Palaeoproterozoic rocks in Sanjela-Manpur-Dugocha belt, Salumber area, Udaipur District, Rajasthan, India- Abstracts. 28<sup>th</sup> Annual Convention and Seminar on Exploration Geophysics. 17-20 Sept., 2003, Bhubaneswar, India
- Sisodia, C.P., Kirmani, I.R., Rao, R.S., Bejarniya B.R. and **Suresh Chander** (2004) Airborne Geophysical surveys in the exploration for basemetal mineralisation in North Delhi Fold belt of Rajasthan and adjoining Haryana –Abstracts. Geol. Surv. Ind. Workshop on Delhi Supergroup, Faridabad (April 15, 16 & 17, 2004
- Kirmani, I.R., Gupta Dinesh, Sisodia, C.P., Golani, P.R., Vaid, J.K., Narang, J.L., **Suresh Chander**, and Bejarniya, B.R (2004) Re-appraisal of aerogeophysical data in search of auriferous sulphide mineralisation in Pindwara-Watera-Deri-Ambaji sector, South Delhi Fold belt, Sirohi and Banaskantha districts of Rajasthan and Gujarat. Geol. Surv. Ind. Abstracts, Workshop on Delhi Supergroup, Faridabad (April 15, 16 & 17, 2004)
- Gupta Dinesh, **Suresh Chander**, Sisodia, C.P., Kirmani, I.R (2005) Aero-electromagnetic signatures over a zinc-nickel prospect in Umarvaniyan block, Udaipur District, Rajasthan- Abstracts. 30<sup>th</sup> Annual Convention and Seminar on Exploration Geophysics. 16-19 November 2005, Pune.
- Suresh Chander**, Kirmani, I.R., and Fareeduddin (2008) Auriferous sulphides in Palaeoproterozoic volcano-sedimentary sequence of Dugocha area, Udaipur District, Rajasthan- Abstract. National Seminar on Sedimentary Basins in India and their Economic Resources. XXIV Convention, Indian Association of Sedimentologist. March, 4-6, 2008. AMU, Aligarh

## **Publications**

### **(National)**

- Rao, M.S., Fareeduddin, Godhavari, K.S. and **Chander Suresh** (2000) The carbon rich meta-exhalite of Dugocha gold prospect, District Udaipur, Rajasthan. National Symposium on Milestones in Petrology and Annual Convention of Geological Society of India, BHU (2000).
- Rao, M.S., Fareeduddin, Godhavari, K.S. and **Chander Suresh** (2000) (2000) Geochemistry of meta-exhalite of Dugocha gold prospect, District Udaipur, Rajasthan. National Symposium on Milestones in Petrology and Annual Convention of Geological Society of India, BHU (2000).
- Rao, M.S., Fareeduddin, Godhavari, K.S., **Chander Suresh**, Sisodia, C.P. and Krishna Rao, S.V.G. ( 2001) Industrial Utility- Potential of the carbonaceous meta-exhalites of Dugocha area, District Udaipur, Rajasthan. Some Aspects of Mineral development in India. Geological Society of India and Geology Dept. Andhra University. Pp. 169-183. Dec. 2001
- Sisodia, C.P., Chattopadhyay, A.K., **Chander Suresh** and Malhotra, A.K (2002) Airborne geophysical surveys in the exploration for basemetal and gold - case studies from Rajasthan. Geol. Surv. Ind. Spl. Pub. No.75, 2002; pp 29-36.

**Chander Suresh** , Malhotra , A.K and Vaid, J,K (2002) Integrated surveys for exploration in Dugocha block, Sanjela-Manpur- Dugocha metallogenic belt, Udaipur District, Rajasthan. Geol. Surv. Ind. Spl. Pub. No.75, 2002; pp 197-206.

Gupta Dinesh, **Chander Suresh**, Sisodia, C.P. and Kirmani, I.R (2012) Aero-electromagnetic signatures over a zinc-nickel prospect in Umarvaniyan Block, Udaipur District, Rajasthan. *Jour. of Geophysics, January, April 2012, Vol.XXXIII No. 1-2*

#### **Publications (International)**

Arvind Kumar; **Chander, S** ; Santanu Bhattacharjee (2023) Archaeometallurgy of iron in and around Manpur, Salumber-Manpur-Ghatol Sector, Udaipur District, Rajasthan. J Geol Soc India 99, 1234–1240 (2023). <https://doi.org/10.1007/s12594-023-2456-0>

**Chander, S.**, Srivastava, P.K., Kapoor, P. , Namdev Vijay ( 2022) Geochemistry and economic potential of tourmalinites from Salumber–Ghatol Metallogenic Belt, southeastern Rajasthan, India. J Earth Syst Sci 131, 212 (2022). <https://doi.org/10.1007/s12040-022-01958-2>

**Chander, S.**(2022) Auriferous volcanogenic massive sulfides in Paleoproterozoic volcano-sedimentary sequence of Aravalli Fold Belt in Dugocha Area, Udaipur District, Rajasthan, NW India. J Earth Syst Sci 131, 262 (2022). <https://doi.org/10.1007/s12040-022-01998-8>

Kumar, S., **Chander, S.** (2021) Tungsten mineralized Neoproterozoic Degana Peraluminous Granite around Rewat Hill, Rajasthan, NW India: Implications from sub-surface data and geochemistry. J Earth Syst Sci 130, 131 (2021). <https://doi.org/10.1007/s12040-021-01605-2>

**Chander, S.**, Raza, A., Bhattacharjee, S., Das Sanjay (2020) Carbonate hosted intermetallic compounds in Paleoproterozoic Salumber Ghatol metallogenic belt, Aravalli Craton, Rajasthan, India. J Earth Syst Sci 129, 137 (2020). <https://doi.org/10.1007/s12040-020-01410-3>

Roy Choudhury Manideepa, Agarwal Nikhil and **Chander, S** (2020) Occurrence of liddicoatite-bearing LCT pegmatites in Sirohi region, northwest India and their rare metal potentiality. Current Science 118(5):809-818

Fareeduddin, Kirmani, I.R.; **Chander, S.** (2012) Petrology, Geochemistry and Fluid Inclusion Studies of Cu-Au Mineralisation in Paleoproterozoic Salumber-Ghatol Belt, Aravalli Supergroup, Rajasthan. J Geol Soc India 80, 5–38 (2012). <https://doi.org/10.1007/s12594-012-0115-y>

Fareeduddin, Susmita Gupta, P.R.Golani, I.R. Kirmani and **Chander S** (2010 ) Tourmaline as metallogenic indicator: examples from Paleo-Proterozoic Pb-Zn and Cu-Au deposits of Rajasthan, India. Geological Society of India Journal of the Geological Society of India 76(3):215-243

**Chander S** , Kirmani, I.R., Fareeduddin (2008) Characterization of auriferous massive sulfide deposit of volcanic affinity in Palaeoproterozoic rocks of Dugocha, Udaipur District, NW India. Pre-workshop volume. International Field workshop on Gold Metallogeny in India. 3<sup>rd</sup> -13<sup>th</sup> Dec. 2008.

- Rao, M.S., Fareeduddin, Godhavari, K.S., **Chander, S** and Sisodia, C.P. (2004) Carbonaceous metaexhalite of Shungitic affinity in Palaeoproterozoic Aravalli Supergroup, Dugocha area Rajasthan. Jour. Geol. Soc. Ind. Vol.63 No.5, 2004
- Chander S** and Sisodia, C.P. (2003) Gold mineralisation in the lower Proterozoic rocks of Sanjela-Manpur-Dugocha belt, Salumber area, Udaipur District, Rajasthan. Jour. Geol. Soc. Ind., Vol.61, April 2003, pp.463-470
- Chander, S** and Sisodia, C.P. (2003a) Gold mineralisation in the lower Proterozoic rocks of Sanjela-Manpur-Dugocha belt, Salumber area, Udaipur District, Rajasthan- Discussions. Jour. Geol. Soc. India, Vol.62, July 2003
- Chander S** and Sisodia C P (2003) Gold Mineralisation in the Palaeoproterozoic Rocks of Sanjela-Manpur-Dugocha Belt, Salumbar Area, Udaipur District, Rajasthan. Journal Geological Society of India Vol 61 April 2003 pp 463-470

**Membership of  
Recognized Scientific  
Society /Association**

1. Fellow of Geological Society of India.  
F No -2408, LM No-1451
2. Geoscientist Society of Rajasthan  
LM No. C-105

Signature Sd/-

Name: Suresh Chander

Designation: Director

Geological Survey of India, North Eastern Region,  
Itanagar