



तकनीकी पत्रिका विषय-सूची

CURRENT CONTENT

(Technical Journals)
(A Monthly Current Awareness Service from Technical Journals)

Vol.2, No.3, March 2018

The Central Library, IBM, Nagpur is subscribing the technical journals and also receiving them on complimentary basis on various subjects like Geology, Mining, Mineral Economics etc. These Technical Journals make up an important collection of latest scientific information. The library is rendering Reference Service to its users from these technical Journals (Article Indexing is one of them). Central Library, IBM provides Current Content Service from these technical journals in the name of "GEM" since 2006 on half yearly basis in print form. To expand this service to the IBM Offices all over India i.e. H.Q., Zonal & Regional Offices and to take a call of time, the Controller General, IBM desired to make this service online on monthly basis. The library staff made efforts to make it successful. This is the 3rd issue of Volume-2 for this service named "Current Content- a monthly current awareness service from technical journals", Vol.2, No.3, March 2018.

It will be highly appreciated if the valuable feedback is reciprocated. If some article as per content list is found to be of use by the reader the same may be requested and the library will send the scanned copy of the article to the interested reader.

Mrs.D.H.Vairagare
Assistant Library & Information Officer



$\underline{I}\;\underline{N}\;\underline{D}\;\underline{E}\;\underline{X}$

<u>S.No</u>	<u>Title</u>	Page No
1)	Down to Earth	4-7
2)	Engineering & Mining Journal	8
3)	Economic Geology	9
4)	Iron & Steel Review	10-11
5)	JPC Bulletin	12-13
6)	Journal of Mines Metals & Fuels	14-15
7)	Journal of the Geological Society of India	16-17
8)	Mining & Engineers Journal	18









Engineering & Mining Journal Vol.218 No.11, November 2017

E&M ENGINEERING AND MINING JOURNAL

1 9 MAR 2018

केंद्रीय पुस्तकालय CENTRAL LIBRARY

FEATURES

Iron Ore Market Report 2017

Prices and demand for high-quality iron ore increases. Future over capacity could threaten lower quality and high-cost iron ore operations. 32

Excavation Options

While rope shovels and hydraulic excavators still form the mainstream when it comes to primary earthmovers, other options continue to nibble away at the market

Bit Players

LEADING DEVELOPMENTS

TELEBRICA DE LE CETOI MILITIALIS	
North American Palladium Reports Positive Developments	4
AEM Reports Record Quarterly Gold Production	4
Boliden's Production Suffers	
Implats Acquiring 15%Interest in Waterberg Project	
Rocanville Expansion Creates World's Largest Potash Mine	
Canadian Zinc Expands Prairie Creek Project	

AROUND THE WORLD

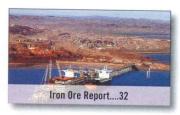
The state of the s	
U.S. & Canada: Rainy River Pours First Gold	8
Latin America: Escondida's Copper Production Ramps Up	
Australia/Oceania: First Ore Mined at Mount Morgans Beresford Underground	
Africa: Randgold Prepares to Complete Kibali Underground Mine in the DRC	
Asia: Eldorado Lowers Guidance on Kişladağ	
Exploration Roundup: Ivanhoe Continues to Add Resources at	
Kamoa-Kakula Project in DRC	. 26



As it does each year in its November edition, E&MJ reviews the world iron ore market. On the cover, an excavator loads a haul truck at one of the newest iron ore mines, Rio Tinto's \$338 million Silvergrass project in Western Australia. (Photo: Rio Tinto)

DEPARTMENTS

Calendar	30
Classified Advertisements	78
Equipment Gallery	
From the Editor	2
Markets	
Operating Strategies	68
People	
Processing Solutions	70
Suppliers Report	72
This Month in Coal	







www.e-mj.com

NOVEMBER 2017 · E&MJ 1

Economic Geology Vol.112 No.8, December 2017

CONTENTS	S	
Papers		
Magmatic and Hydrothermal Controls on the Mineralogy of the Basal Zone, Nechalacho REE-Nb-Zr Deposit, Canada	Volker Möller and Anthony E. Williams-Jones	182
Petrogenesis and Magmatic Evolution of the Guichon Creek Batholith: Highland Valley Porphyry Cu ± (Mo) District, South-Central British Columbia	Michael D'Angelo, Miguel Alfaro, Pete Hollings, Kevin Byrne, Stephen Piercey, and Robert A. Creaser	185
Evidence for As Contamination and the Partitioning of Pd into Pentlandite and Co + Platinum Group Elements into Pyrite in the Fazenda Mirabela Intrusion, Brazil	Robert D. Knight, Hazel M. Prichard, and Cesar F. Ferreira Filho	188
Archean Sanukitoid Gold Porphyry Deposits: New Understanding and Genetic Model from the Lac Bachelor Gold Deposit, Abitibi, Canada	Noémie Fayol and Michel Jébrak	191
Linking the Timing of Disseminated Granite-Hosted Gold-Rich Deposits to Paleoproterozoic Felsic Magmatism at Alta Floresta Gold Province, Amazon Craton (Brazil): Insights from Pyrite and Molybdenite Re-Os Geochronology	Rafael Rodrigues de Assis, Roberto Perez Xavier, and Robert A. Creaser	193
The Structural Evolution of the Missanabie-Renabie Gold District: Pre-orogenic Veins in an Orogenic Gold Setting and Their Influence on the Formation of Hybrid Deposits	Jordan A. McDivitt, Bruno Lafrance, Daniel J. Kontak, and Lise Robichaud	195
Delineating Alteration Footprints from Field and ASTER SWIR Spectra, Geochemistry, and Gamma-Ray Spectrometry above Regolith-Covered Base Metal Deposits—An Example from Abra, Western Australia	Heta Maria Lampinen, Carsten Laukamp, Sandra Anne Occhipinti, Václav Metelka, and Samuel C. Spinks	197
Scientific Communications		
Synthesis of a Chalcogenide Glass Standard for Laser Ablation-Inductively Coupled Plasma-Mass Spectrometry	Yanan Liu, James M. Brenan, and Colin J. Bray	20
Hematite U-Pb Geochronometer: Insights from Monazite and Hematite Integrated Chronology of the Yaoan Gold Deposit, Southwest China	Haoyang Zhou, Xiaoming Sun, Zhongwei Wu, Jianlin Liao, Yu Fu, Dengfeng Li, Pete Hollings, Ying Liu, Hai Lin, and Zhiyong Lin	20
U-Pb, Re-Os and ⁴⁰ Ar/ ⁵⁹ Ar Geochronology of Porphyry Sn ± Cu ± Mo and Polymetallic (Ag-Pb-Zn-Cu) Vein Mineralization at Bianjiadayuan, Inner Mongolia, Northeast China: Implications for Discrete Mineralization Events	Degao Zhai, Jiajun Liu, Anli Zhang, and Yinqiang Sun	20
Book Reviews	The second second	
Metals, Energy and Sustainability—The Story of Doctor Copper and King Coal (Barry Golding and Suzanne D. Golding)	John F.H. Thompson	20
Mineral Deposits of North Africa (Mohammed Bouabdellah and John F. Slack, eds.)	Peter R. Johnson	20
Interesting Papers in Other Journals	भारतीय अपने करने	20
Reviewers of Books, 2017	INDIAN DOMESTICA	20
Reviewers of Manuscripts, 2017	INSUMBERINGS SAMES	20
SOCIETY OF ECONOMIC	C GEOLOGISTS 4 6 MAD 2040	
SEG Awards for 2016: Penrose Gold Medal, Silver Medal,	4 2 HAD (010	20

SEG Awards for 2016: Penrose Gold Medal, Silver Medal Waldemar Lindgren Award, and Marsden Award

SEG 2018 Conference Announcement

THE STREET OF TH

ELECTRONIC ACCESS TO ECONOMIC GEOLOGY Contact subscriptions@segweb.org

Claims for non-receipt of *Economic Geology* must be made within 90 days of the cover date for replacement at no charge.

ECGLAL 112(8) 1823-2086

ISSN 0361-0128

2085

Iron & Steel Review Vol.61 No.9, February 2018

Features

Editor & Publisher:

Santosh Mahanti

Directors:

Sabita Mahanti Abhishek Mahanti

Director & Content Strategist:

Kritika Mahanti

Editorial

Deepshikha Banerjee Anindita Banerjee

Marketing:

Shyamalendu Banerjee Angan Chatterjee

New Delhi Representative:

Magsood Alam Khan

Design & Layout:

Dipak Adhikari Amiya Kumar Das

Editorial & Corporate Office:

Merlin Links, Block 5E/5F, 5th Floor 166B, S. P. Mukherjee Road Kolkata - 700 026 Phone: 91-033-2465-8581/9406 Fax: 91-033-2465-3790 E-mail: isrinfo@eth.net contact@isrinfomedia.in

Website: www.isrinfomedia.com

Registered Office:

10, Chowringhee Road Kolkata - 700 013

Subscription Rate

Domestic

₹ 10,000 (Yearly) ₹ 950 (Single Copy)

Overseas

\$ 1400 (Yearly)

€ 1200 (Yearly)

5% GST as applicable

Kolkata - 700 013, India.

Owned & Printed by Santosh Mahanti at M/s. Gupta Quick Printers 4D/28, Dharmatalla Road Kolkata - 700 039 and published by him from 10, Chowringhee Road

Reproduction of matter published here, in whole or in parts, is prohibited without written permission from the publisher.

The publisher and printer do not accept any responsibility for statements, data and opinions expressed by the author.



Cover : RHI India Private Limited



draws NK.



Download the app



Now available on Android/iOS



Now Available on amazon

IREFCON18 Special

21

"We need to constantly innovate and think of customized solutions"

An interview with Hakimuddin Ali, Chairman of IRMA & Imerys India

National Trends

64

SAIL's Bhilai Plant blown in BF #8 - Mahamaya

Current events and latest developments in Indian steel & allied industries

Global Trends

76

SMS group modernizes Impol Group Slovenia's 40year-old cold rolling mill

Latest news and updates on iron & steel industry across the globe

Steel Market

90

Indian Steel Market during April-December in FY'18

Analysis of Indian steel market during April-December FY' 18

Company News

108

Leadership in Levelling Technology

Levelling technology solutions from Danieli to its various customers



Market & Product

111

incinerators

VortexMaster and SwirlMaster Natural gas measurement in power plants, boilers and

Accurate and reliable flow measurement with ABB's hi-tech Vortex and Swirl flow

Steel Technology

116

PQA® – The Success Factor to Reach Next Performance Level in Operation

PQA® as a process and quality management assurance software solution developed by the SMS group







Contd..

Iron & Steel Review Vol.61 No.9, February 2018

Features

Special Steel & Stainless Steel

128

Stainless Steel and CRA Seamless Tubes: High-Quality Products for High-Quality Markets

CRA pipes and their applications in stainless steel industry in the New Normal period

Metal Casting

132

Effects of Alloying Elements on Properties of Steel Casting

A study of the influence of different alloying elements on steel

Upcoming Events

137

Upcoming Business Events/Exhibitions/ Trade Fairs in India and around the world

Statistics

138

World Crude Steel & Iron Production -January - December'17 Indian Steel Market & Prices -December'17



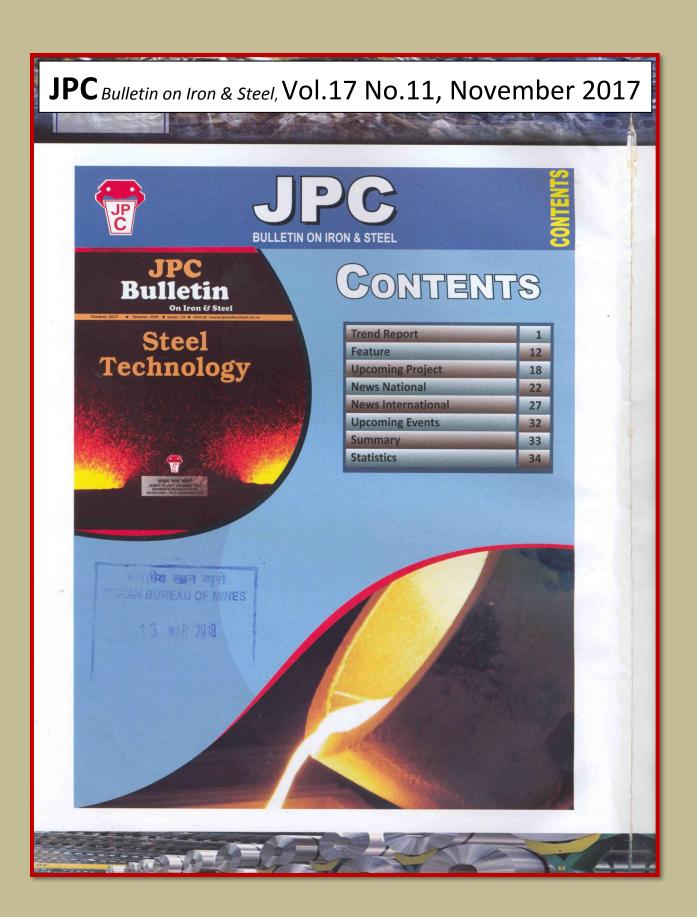


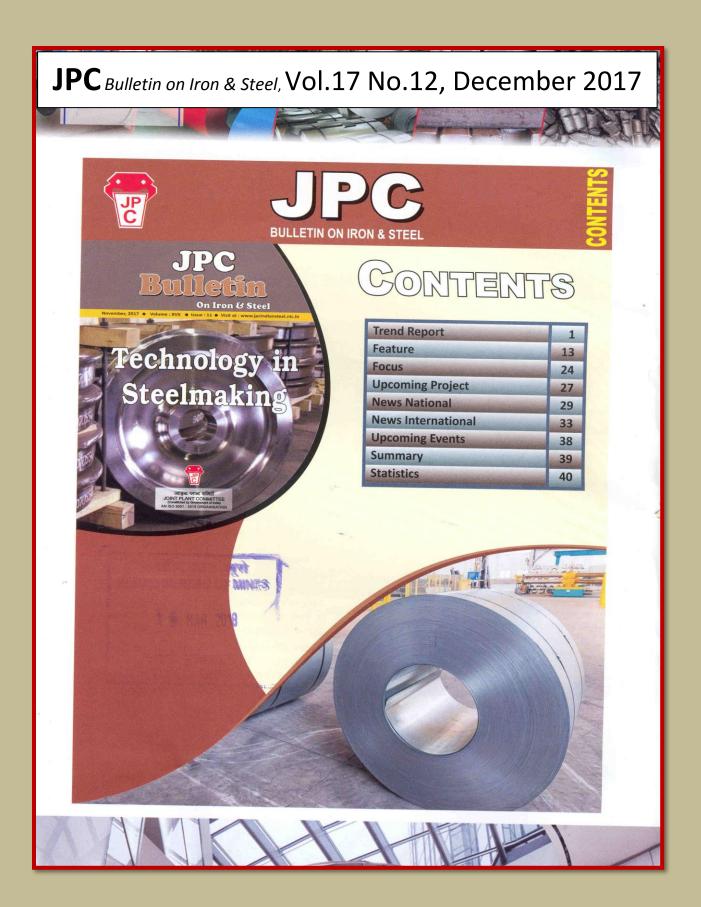


A	
A. R. Group of Industries	101
Atomat Group	
Aman Machine Tools (P) Ltd.	
ARB Bearings Ltd.	
Armatic Engineering Private Limited	91
Arcum Engineering (P) Limited	
C	
Changzhou Kaida Heavy Industry Technology Co., Ltd	75
Creative Carbon Pvt. Ltd.	127
Calderys India Refractories Limited	Back Cover
D	
Danieli & Co.	80-81
Danieli Corus	
Dalmia-OCL Refractories	Second Cover
E	
Electrotherm (India) Limited	11
Elkem	29, 31, 33
EMG	87
G	
GSB	35
HPCL	67
H & K Rolling Mill Engineers Pvt. Ltd.	13
Havells India Ltd.	
Hi-Tech Chemicals (P) Ltd.	61
Hindalco Industries Limited	54
Indiana Machine Tools	10
Indrox Global Pvt. Ltd.	17
ifm Electronic India Private Limited	
1	
Jaypee Power Transmission	74
Jindal Steel & Power Limited	
JSW Steel Limited	
K	
Kailash Marketing	57
M	

Mipalloy Nomura Plating Company Private Limited	109

Murugappa Morgan Thermal Ceramics Ltd.	
Maco Corporation (India) Pvt. Ltd.	
Mahakoshal Refractories Pvt. Ltd.	51
N	
Nuhydro	125
National Engineering Industries Ltd.	
National Refractories	
Neptune Industries Ltd.	43
Noble Refractories	41
0	
Orind Special Refractories	53
Orient Refractories Ltd.	45
P	
P. P. Rolling Mills Mfg. Co. Pvt. Ltd	5. 107
Preet Group	
Poly Refractories Private Limited	52
Premur Impex Ltd.	
R	
R. Singh & Associates (P) Ltd.	131
RHI India Private Limited	.Cover
Refratechnik Steel GmbHThird	
Ranchi Refractories (India) Pvt. Ltd.	37
S	
SMS group	Fold
Subscription Form	
Seminar Advt. (MMMM 2018)	
Seminar Advt. (IREFCON'18)	20
SEW EURODRIVE	9
T	
TMEIC	83
TRL Krosaki Refractories Limited	47
U	
UGI Engineering Works Pvt. Ltd.	110
V	110
VELCO GmbH	SE.
Vishva Vishal Engineering Ltd.	
VSM Venture Control Systems Pvt. Ltd.	
Z	, 07
7huzhou Cemented Carbide Works Import & Export Company	16





Journal of Mines, Metals & Fuels Vol.65 No.12, December 2017

JOURNAL OF MINES, METALS & FUELS AR 2018

INCORPORATING INDIAN MINING JOURNAL (II ISSN 0022-2755) (FOUNDED BY LATE P.K. MENON)

Adviser: PROF. A. K. GHOSE, FNAE

ें केंद्रीय पुस्तकालय CEMBRAK क्षेत्रिके

Joint Publishers:

Books & Journals Pvt. Ltd.

65

International Information & Engineering Technology Association (HETA)

Edtorial Advisory Board
Prof. A. K. Ghose, FNAE
Prof. R.N. Singh
Prof. Dr. Uday kumar
Prof. Dr. Abdolhadi Ghazvinian
Prof. Dr. Jayanta Bhattacharyya
R.P. Ritolia

Editorial & Business Offices: 6/2 MADAN STREET KOLKATA 700 072

Telephone: 0091 33 22126526

Fax: 0091 33 22126348

E-mail: bnjournals@gmail.com web: www.journalmp.com

Registered Office:
Books & Journals Pvt. Ltd.
6/2 Madan Street
(3rd Floor)
Kolkata 700 072

This issue Rs.500.00; £35.00 or \$55.00

ANNUAL SUBSCRIPTION Indian:

Rs.2000.00

by M.O., draft or local cheque Rs.2035.00 by outstation cheque

Foreign: £250.00 or \$300.00

Monthly issue:

Rs.100.00; £10.00 / \$15.00

Back issues at double rates

SPECIAL ISSUE ON

ISSUES OF MINING INDUSTRY IN CHINA: EMERGING SCENARIO - II

INCORPORATING
Vol.65, No.12, DECEMBER 2017

CONTENTS

by Fusheng Niu, Yawei Zhao, Jinxia Zhang and Long Wang	629
Laboratory experiment on 2D inversion of ERT data with different borehole arrangements by Zheng-Yuan Jia, Gang Zhang and Gui-Bin Zhang	634
Pozzolanic reactivity and hydration products of quartz by Biyao Geng, Wen Ni, Jiajia Wang, Xiajie Qiu, Xiaowei Cui, Chao Ren, Siqi Zhang and Yi Xing	641
Geological features and H-O-S-Pb isotopes of Au (-Sb-W) deposit in south China's Xuefeng arcuate mineralization belt by Liangliang Jia, Tagen Dai, Chaozhuang Xi, Dexian Zhang and Richard C. Bayless	648
Propagation mechanism of water-bearing cracks in deep rock mass under blasting disturbance by Xiaoming Lou, Congcong Wang and Wenbin Jian	658
Application of grain-based model in simulation of fracture and strength features of brittle rock by Binglei Li and Yongbing Li	668
Analysis of temporal and spatial distribution characteristics of heavy metal in Longjiang river of Guangxi province by Yongxiang Zhang, Yingchun Tang and Bo Ming	676
Study on the pore structure evolution and fractal feature in the process of spontaneous combusiton of coal	
by Hongfen Zhang, Xiangfeng Shi, Erxin Gao, Shaofei Zhao and Ruihong Zhang Research on materials classification model building and procurement strategy of coal enterprises by Hongbo Guo and Yongheng Sun	684
New process of parameter calculation and production prediction in heavy oil well by Xiuwu Wang, Wei Luo, Junliang Li, Jie Liu, Ruiquan Liao and Dequan Xu	696
Numerical simulation study on response characteristics of the different geological models of mine full-space transit electromagnetism by Jun Zhang, Yunbo Li and Xifang Tian	703
Research and implementation of a three-dimensional flow imaging algorithm for multiphase flow in horizontal well	
Study on effects of plateau environment on mine fans' parameters of characteristic curves	708
Research on environmental chemical behaviour of heavy metals in atmospheric dustfall	714
Effective utilization of gold mineral resources based on 3D visualization	719
Application of sliding-block reverse-circulation drilling bit in multi-layer goaf detection	724 730
Dynamic monitor of coal seam floor limestone water grouting based on TL-ERT	738
	743
Ecological environment governance in mining areas in the process of urbanization based on fuzzy comprehensive evaluation by Li Yang, Taozhen Huang and Shengbang Song	740
Distribution of heavy metals and pollution evaluation in soil surrounding the metal mining area	749
by Zhengsong Yu and Yang Rui	757

Journal of Mines, Metals & Fuels Vol.66 No.01, January 2018

JOURNAL OF MINES, METALS & FUELS

INCORPORATING INDIAN MINING JOURNAL (II ISSN 0022-2755)
(FOUNDED BY LATE P.K. MENON)

Adviser: PROF. A. K. GHOSE, FNAE

भारतीय खान ब्यूरो NDIAN BURFALLOF MANNE Editor: P. K. CHANDA

Joint Publishers:

Books & Journals Pvt. Ltd.

International Information & Engineering Technology Association (HETA)

Edtorial Advisory Board
Prof. A. K. Ghose, FNAE
Prof. R.N. Singh
Prof. Dr. Uday kumar
Prof. Dr. Abdolhadi Ghazvinian
Prof. Dr. Jayanta Bhattacharyya
R.P. Ritolia

Editorial & Business Offices: 6/2 MADAN STREET KOLKATA 700 072

Telephone: 0091 33 22126526

Fax: 0091 33 22126348

E-mail:

to inbnjournals@gmail.com web: www.journalmp.com

Registered Office:
Books & Journals Pvt. Ltd.
6/2 Madan Street
(3rd Floor)
Kolkata 700 072

ANNUAL SUBSCRIPTION

Indian:

Rs.2000.00

by M.O., draft or local cheque Rs.2035.00 by outstation cheque

Foreign:

£250.00 or \$300.00

Monthly issue:

Rs.100.00; £10.00 / \$15.00

Back issues at double rates

Vol.66, No.1, JANUARY 2018

CONTENTS

केंद्रीय पुरतकालय CENTRAL LIBRARY

8

13

31

39

48

1 9 MAR 2018

Time and motion study of dumpers and shovel deployed at a shallow depth mine by Debasis Deb and Sreenivasa Rao Islavath 1

Evaluation of soil erosion risks in a coal mine based on an integrated extension-cloud model by Li Li, Qiang Yue and Li Shaohong

Phase behaviour and development scheme of near-critical gas condensate

reservoir

by Bin Nie and Er-peng Li

Key technologies of tight gas reservoir prediction controlled by time-equivalent geological horizons

by Yutan Dou, Huaqing Liu, Mengli Zhang and Menggang Zhang 18

Structural invulnerability evaluation of complex multi-layer emergency logistics system based on interdependent network theory

by Chang Chen, Jikun Guo, Qixin Zhang, Shifu Zhang, Yi Wang and Tengfei Zhang

Investigations into the influence of decking on rock fragmentation and ground vibrations by blasting in shallow benches of limestone quarries – a case study by P. Balamadeswaran, Arvind Kumar Mishra, Phalguni Sen and S. Ramesh

Generation and validation of cartosat-1 DEM for northern Aravali range of hillocks, Rajasthan, India

by Md. Soyeb Alam, Dheeraj Kumar and Vijay Upreti

Enlist as a subscriber to:

INDIAN JOURNAL OF POWER & RIVER VALLEY DEVELOPMENT

A technical monthly devoted to development of power and water resources in Asia Annual Subscription:

Rs.2000 (India); £250.00 or \$300.00 (Foreign) *Write to :*

The Manager

BOOKS&JOURNALSPRIVATELTD.

6/2, Madan Street, Kolkata 700 072

Tel:00913322126526 •Fax:00913322126348 •E-mail:bnjournals@gmail.com

Journal of the Geological Society of India Vol.91 No.3, March 2018

JOURNAL of

1 9 MAR 2018

THE GEOLOGICAL SOCIET

(Abstracted/Indexed in AGI's Bibliography and Index of Geology, Chemical Abstracts, Current Contents, GEOBASE, GEoRef, Mineralogical Abstracts, GeoArchive, Thomson ISI database (SCIE, CC/PC & ES))

MARCH 2018 No. 3 Vol. 91

CONTENTS

	RESEARCH ARTICLES
	Fractal Analysis of <i>In Situ</i> Host Rock Nepheline Syenite Xenoliths in a Micro-Shonkinite Dyke (The Elchuru Alkaline Complex, SE India). B. Nagaraju, Sachin S. Ghodke, K. Rathna, Gaurav J. Kokandakar, Laxman B. More, Munjaji V. Bhosle and K. Vijaya Kumar
	Micro-Tremor Induced Gravity and Seismic Noise Spectra in the Garhwal Himalaya and the Adjoining Regions.
	RAJESH SATHYASEELAN, JOHN P. PAPPACHEN and ANIL K. MUNDEPI
	Characterization of Panandhro Lignite Deposits (Kachchh Basin), western India: Results from the Bulk Geochemical and Palynofloral Compositions
1	R.P. Mathews, B.D. Singh, Hukam Singh, V.P. Singh and Alpana Singh
	Average Depth versus Average Strike-Length of Fissure Veins for Specified Geometries: A Quantitative Approach.
/	P.S.N. Murthy and P. Murali
	An Improvized Core-Drilling Technique and a New Device for Osteohistology of Fossil Bones: Implementation on a Jurassic Sauropod Dinosaur from India. Debarati Mukherjee
	Record of Leaf and Pollen cf. Sloanea (Elaeocarpaceae) from the Middle Siwalik of Darjeeling sub-Himalaya, India and its Palaeobiogeographic Implications. SANDIP MORE, RAJARSHI RIT, MAHASIN ALI KHAN, DIPAK KUMAR PARUYA, SUCHANA TARAL, TAPAN CHAKRABORTY and SUBIR BERA
	Provenance and Palaeoweathering Attributes of Proterozoic Rock Formations from the Son Valley, Central India. R.K. Dubey and Rayi Shankar
	Characterization of Architectural Elements of Ordovician Fractured-cavernous Carbonate Reservoirs, Tahe Oilfield, China.
	Yuming Liu, Jiagen Hou, Yongqiang Li, Yue Dong, Xiaoqiang Ma and Xixin Wang
	Assessment of Liquefaction Potential of the Sediments of Chandigarh Area. G.C. Kandpal and K.K. Agarwal
	Morphometric Data on Miogypsina (Lepidosemicyclina) bifida, Foraminifera from L-III Reservoir, Mumbai Offshore, India. Singh, S.D. and Raju, D.S.N.
	Assessment of Groundwater Vulnerability in Upper Betwa River Watershed using GIS based DRASTICModel.
	Shorharam Ahirwar and J.P. Shukla

Journal of the Geological Society of India Vol.91 No.3, March 2018

CONTENTS

	of Strata on Rib Design in Mechanised Depillaring. Kumar, Amit Kumar Verma, Arun Kumar Singh, Sahendra Ram and Rakesh Kumar	341
Geotechnical Cartographi	c Synthesis of Bejaia City, North East of Algeria.	348
Landslide Susceptibilit	n Composite Hyper-cubes on Iterated Random Projections for Assessment of ty.	255
Geology and Petrology of t Area (Georgia).	the Intraplate Cenozoic Continental Basalts in the Transcaucasian Intermountain	355
Bezhan Tutberidze and	Mariam Akhalkatsishvili	363
	een Traditional and Finite Element Methods for Slope Stability Evaluations. Keskin	373
Package to Determine		
TOFIG AHMADOV, ALEKSA	NDR V. DOZOROV and VLADIMIR N. ZAPEVALOV	380
	CORRESPONDENCE	
Geological Society of India	a @ 60 Years. B.R. Krishna	383
×	NEWS AND NOTES	
A Report on the XXVI Ind P.K. KATHAL	lian Colloquium on Micropaleontology & Stratigraphy (ICMS-XXVI)	384
	on Impacts of Extreme Natural Events: Science &Technology for Mitigation C. Prabhakar and K.N. Radhika	386
	logy, Petrography and Multitechniques Approach in and around EDC.	387
A Critical Appraisal of Son	me Recent Views on the Evolution of the Archaean Dharwar Craton, Southern	388
	भारतीय खान ब्यूरो	
IN	IDIAN BUREAU OF MINES	
S 1 7 7 7	and the state of t	
	1 9 MAR 2018	
Cover	केंद्रीय पुस्तकालय	
Regional topography of Garresolution. Red spots are the	thwot Hiputscia and the adjointry regions using SRTM data (Jarvis et al. 2008) with 90 m. e locations, where ambient scismic noise have been acquired. (for details see pages 273-28	spatial 30)

ADDRESS OF EDITOR

All papers intended for publication and also related correspondence should be addressed to: B. Mahabaleswar, Editor, Geological Society of India, No.63, 12th Cross, Basappa Layout, Gavipuram, Bengaluru - 560 019.

Email: editorjournalgsi@gmail.com; jgsi.journl@gmail.com; Mobile: 09341264052;

Telefax: 080-2661 3352; Telephone: 080-2242 2943; Website: http://www.geosocindia.org.

262

Mining Engineers Journal Vol.19 No.8, March 2018

0975 - 3001

Mining Engineers' Journal

INDIAN BUREAU OF MINES

1 9 MAR 2018

कोंडीय पुस्तकराज्य CENTRAL LIBRARY



Mining Engineers' Association of India

Vol. 19 No. 8 MONTHLY March - 2018

9

President Arun Kumar Kothari

Vice President- I S.K. Pattnaik Vice President - II
K. Madhusudhana

Vice President - III S.N. Mathur

Secretary General Dr. H. Sarvothaman

Jt.Secretary.cum.Treasurer
M. Chakradhar

Ex-officio Council Members

T. Victor, A. Bagchhi, Dr S.K. Sarangi, Dr V.D. Rajagopal, R.P. Gupta

Council Members (Elected)

A.L. Thakor, A.R. Vijay Singh, C.S. Dhaveji, D.A. Hiremath,
Deepak Gupta, D.K. Saxena, D.S. Maru, Dr K. Srihari,
Kolli Umamaheswara Rao, Maheem Kachhwaha,
Mahesh A. Bongale, M.S. Raju, Pankaj Kumar Satija, R.H. Sawkar,
Raghunath Singh, Rajendra Singh Rathore, Prof Sushil Bhandari,
S.C. Suthar, S. Kumaraswamy, Vilas Teggi

Representatives of Life Institutional Members

The India Cements Ltd (LIM No. 16)
The Ramco Cements Ltd (LIM No. 17)
Gujarat Mineral Development Corporation Ltd (LIM No. 18)
Associated Mining Company Ltd (LIM No. 19)
NMDC LTD (LIM No. 20)

Council Members (Nominated)

T.N. Gunaseelan, A.K. Gupta, A.K. Sinha, S.M. Bothra, Deep Krishna

Council Members (Co-Opted)

Dr N.K. Nanda, Prof B.C. Sarkar, Prof B.B. Dhar, M. James, Akhilesh Joshi

this issue contains...

President's Message	5
Editor's Desk	7
News from the Mining World	8
'Powder Factor' Based Tenders –	
Progressive or Regressive?	15
- M.O. Sarathy	
MEAI News	31
Conferences, Seminars, Workshops etc.	38

Correspondence Address

MEAI National Head Quarters

Contact: Secretary General,
Mining Engineers' Association of India

F-608 & 609, Raghavaratna Towers, 'A' Block, VI Floor, Chirag Ali Lane, Abids, Hyderabad - 500 001. Ph.: 040-66339625, 23200510

> E-mail: meai1957@gmail.com website: www.meai.org

The Views expressed by the authors in these pages are not necessarily those of publisher / editor / MEAI. Reproduction in whole or in part is strictly prohibited without written permission from the publisher.

Mining Engineers' Journal, Vol. 19, No. 8

3

March 2018