



भारत सरकार
GOVERNMENT OF INDIA
भारतीय खान ब्यूरो
INDIAN BUREAU OF MINES
खनिज प्रसंस्करण प्रभाग
MINERAL PROCESSING DIVISION



No. /1/CGPB/Com-IV/IBM/DIR-OD/MPD/2026

Dated: 20.09.2026

प्रेषक/From

सेवा में/To

निदेशक (खनिज संसाधन) प्रभारी और अध्यक्ष, CGPB समिति-IV,
Director(Ore Dressing)/I/c & Chairman, CGPB Committee-IV,
भारतीय खान ब्यूरो/Indian Bureau of Mines,
दूसरी मंजिल, 'बी' ब्लॉक/ 2nd Floor, 'B' Block,
इंदिरा भवन/ Indira Bhawan, सिविल लाइन्स/ Civil Lines,
नागपुर/ Nagpur - 440001

सभी सदस्य/All Members
और /and
स्थायी आमंत्रित
सदस्य/Permanent
Invitees
सीजीपीबी समिति-IV/
CGPB Committee-IV

विषय: खनिज के गुणों की पहचान और उसे उपयोगी बनाने (मिनरल कैरेक्टराइजेशन और बेनिफिशिएशन) पर वर्ष 2026-27 के लिए CGPB समिति-IV की पहली बैठक – इस संबंध में।

Subject: 1st CGPB Committee-IV meeting for the year 2026-27 on Mineral Characterization and Beneficiation- reg.

महोदय/महोदया, Madam/Sir,

आपको सूचित किया जाता है कि सेंट्रल जियोसाइंस प्रोग्रामिंग बोर्ड (CGPB) के 24 जुलाई 2026 के नए प्रस्ताव को गैजेट नोटिफिकेशन नंबर F. No. M.I-4/1/2021-Mines I के ज़रिए अपनाया गया है। CGPB के नए प्रस्ताव के अनुसार(कॉपी संलग्न है), CGPB के समन्वय तंत्र (coordinating mechanism) के दायरे को बढ़ाकर उसमें मिनरल कैरेक्टराइजेशन (खनिज विशेषता-निर्धारण) और बेनिफिशिएशन (खनिज शोधन) को भी शामिल किया गया है।

This is to inform you that, the new Resolution of Central Geoscience Programming Board (CGPB) dated 24th July 2026 has been adopted vide Gazettee Notification no. F. No. M.I-4/1/2021-Mines I. As per the new resolution of the CGPB (Copy enclosed), the scope of the coordinating mechanism of CGPB has been broadened to encompass Mineral Characterization and Beneficiation.

इंडियन ब्यूरो ऑफ माइन्स (IBM) को 'कमेटी-IV: मिनरल कैरेक्टराइजेशन एंड बेनिफिशिएशन' (खनिज गुण-निर्धारण और शोधन) की ज़िम्मेदारी सौंपी गई है। कमेटी IV का मुख्य उद्देश्य कम ग्रेड वाले अयस्कों (ores) का इस्तेमाल करने और इस्तेमाल के बाद बेकार हो चुके उत्पादों से खनिजों की रिकवरी को आसान बनाने के लिए खनिज शोधन, प्रोसेसिंग और निष्कर्षण तकनीकों पर रिसर्च और डेवलपमेंट को बढ़ावा देना है।

The Indian Bureau of Mines (IBM) has been entrusted with the responsibility of Committee-IV: Mineral Characterization and Beneficiation. The key objective of the Committee IV is to promote research and development on mineral beneficiation, processing and extraction techniques to utilize lower grade ores and facilitate recovery from end-of-life products.

मिनरल कैरेक्टराइजेशन और बेनिफिशिएशन पर साल 2026-27 के लिए CGPB कमेटी-IV की पहली बैठक 12.10.26 को सुबह 10:30 बजे इंडियन ब्यूरो ऑफ माइन्स, नागपुर में हाइब्रिड मोड में आयोजित की जाएगी। CGPB कमेटी-IV की बैठक के दौरान, मुख्य उद्देश्य को सीधे आगे बढ़ाने और 'टर्म्स ऑफ रेफरेंस' (ToR) में बताए

गए मैसेज को पूरा करने के लिए व्यवस्थित चर्चा की जाएगी।

The 1st CGPB Committee-IV meeting for the year 2026-27 on Mineral Characterization and Beneficiation is scheduled to be held on 12.10.26 at 10:30 AM at Indian Bureau of Mines, Nagpur in hybrid mode. During the CGPB Committee-IV Meeting, structured discussion to be held to directly advance the key objective and to fulfill the mandate outlined in the Terms of Reference(ToR).

सभी सदस्यों और स्थायी आमंत्रित सदस्यों से अनुरोध है कि वे बैठक में प्रभावी ढंग से निर्णय लेने के लिए इसमें भाग लें। संबंधित पक्षों से अनुरोध है कि वे बैठक में चर्चा के लिए अपना एजेंडा 01.10.2026 तक साझा करें; यह एजेंडा बैठक से एक सप्ताह पहले प्रतिभागियों के साथ साझा किया जाएगा।

All members and permanent invitee are requested to participate in the meeting for effectively decision making in the meeting. The stakeholders are requested to share their agenda for discussion during the meeting latest by 01.10.2026 which would be shared with the participants one week prior to the meeting.

इसलिए, आपसे अनुरोध है कि आप इस बैठक में शामिल हों या बैठक में भाग लेने के लिए किसी प्रतिनिधि को नामित करें। यह प्रतिनिधि व्यक्तिगत रूप से (इसे प्राथमिकता दी जाएगी) या अपने कार्यालय से वीडियो-कॉन्फ्रेंस के ज़रिए शामिल हो सकता है; इसके लिए URL सही समय पर उपलब्ध करा दिया जाएगा।

It is therefore, requested to participate in the said meeting or nominate representative to attend the same either in person (preferably) or from their respective offices through video-conference, for which the URL will be provided in due time.

इस संबंध में, आपसे अनुरोध है कि सितंबर 2025 से अगस्त 2026 की अवधि के लिए 'मिनरल कैरेक्टराइजेशन और बेनिफिसिएशन' (खनिज गुण-निर्धारण और संवर्धन) पर काम की प्रगति और समीक्षा सामग्री को संलग्न निर्धारित प्रारूप में भेजें। साथ ही, यदि कोई एजेंडा आइटम हो तो उसे MS Word प्रारूप में भेजें। कृपया अपनी भागीदारी की पुष्टि के साथ ये सभी दस्तावेज 01.10.2026 तक निश्चित रूप से codo@ibm.gov.in पर ईमेल के माध्यम से भेजें।

In this connection, it is requested to send the review material with progress of work on Mineral Characterization and Beneficiation for the period from September, 2025 to August, 2026 in the enclosed prescribed format and agenda items if any in ms word format. These along with a line of confirmation of your participation may please be sent to this office positively by 01.10.2026 via email: codo@ibm.gov.in.

मीटिंग का कार्यक्रम और वेन्यू का पता जल्द ही बता दिया जाएगा।

The programme of the meeting with address of the venue will be communicated shortly.

संलग्नक/ Encl.: उपर्युक्तानुसार /As above.

Digitally signed by
V.Arul Joseph Aruna
Date: 21-09-2026
11:58:02

भवदीय /Yours faithfully,

डॉ. वी.ए.जे. अरुणा/Dr.V.A.J. Aruna,

अधीक्षण अधिकारी (अयस्क प्रसाधन)/ Superintending Officer(OD),

सदस्य सचिव CGPB समिति-IV /Member Secretary, CGPB Committee-IV,

निदेशक(अयस्क प्रसाधन) एवं CGPB समिति-IV अध्यक्ष के लिए/For Director(OD) and Chairman,

CGPB Committee-IV, भारतीय खान ब्यूरो/Indian Bureau of Mines, नागपुर/ Nagpur-440001

सूचना हेतु प्रति निम्नलिखित को प्रेषित /Copy for information to:

1. The Director General, GSI, 27, J.L. Nehru Road, Kolkata-700016.

2. The Controller General, IBM, Indira Bhawan, Civil Lines, Nagpur-440001.

3. The Addl. Director General(PSS) & Member Secretary, CGPB, GSI, 27, J.L. Nehru Road, Kolkata-700016.

4. The Director, CGPB Secretariat, DGCO, GSI, Pushpa Bhavan, Madangir Road, New Delhi-110062.

Digitally signed by
V.Arul Joseph Aruna
Date: 21-09-2026
11:58:02

डॉ. वी.ए.जे. अरुणा/Dr.V.A.J. Aruna,
अधीक्षण अधिकारी (अयस्क प्रसाधन)/ Superintending Officer(OD),
सदस्य सचिव CGPB समिति-IV /Member Secretary, CGPB Committee-IV,
निदेशक(अयस्क प्रसाधन) एवं CGPB समिति-IV अध्यक्ष के लिए/For Director(OD) and Chairman,
CGPB Committee-IV, भारतीय खान ब्यूरो/Indian Bureau of Mines, नागपुर/ Nagpur-440001

FORMAT FOR THE REVIEW MATERIAL
FOR CGPB COMMITTEE-IV MEETING (MINERAL CHARACTERIZATION AND
BENEFICIATION)
FOR THE YEAR 2026-27

(Period of Review: September 2025 to August 2026)

1. Introduction

- a. Investigation Agency :
- b. Name of prospect/ deposit/ project/organization :
- c. Code No. (if any) of the investigation :
- d. Location of the prospect/deposit :
- e. Commodity on which work is carried out :

2. Quantum of work done

(Please add additional sheet if required)

- a. Nature of work :
- b. Target :
- c. Achievement :
- d. Present status :

3. Summarized Geology, Estimated ore reserves and potentiality of the prospect/deposit

(Please add additional sheet if required)

4. Exploration status and type of exploration conducted

(Please add additional sheet if required)

5. Mineral Assemblage & Characterization study data
(Mention about the employed analytical techniques)

6. Organisation Engaged in Production of Ores and Minerals

(Please add additional sheets if required)

Sl. No	Ore category	Stock pile (Qty tons)		Average Assay/Chem. Composition (Including critical & Strategic minerals)	Mineralogy details
		Previous	Existing		
a.	Run of Mine (ROM)				
b.	Subgrade				
c.	Low grade ore				
d.	Tailings				
e.	Overburden				

7. Salient Data of Beneficiation & extraction work on low grade ores and recovery from end-of-life products

(Please add additional sheet if required)

Sl. No

I a. Title of the work :

b. Feed material description :

	c.	Original sample analysis			
		Chemical Analysis		Mineralogical Analysis	
		Constituents	Assay (%/ppm)	Minerals	Approx, %
	d.	Product analysis			
		Chemical Analysis		Mineralogical Analysis	
		Constituents	Assay (%/ppm)	Minerals	Approx, %

e. By-product & Tailings generated (with chemical analysis)

f. Process Adopted in brief

8. End use product profiles generated (viz. lumps, fines, concentrate, pellets etc).

9. Has beneficiation study on the said deposit conducted? Yes/No

If yes then fill the relevant information

a. Organizations/laboratories involved in R&D work

b. Scale of study (lab/bench-scale/pilot scale)

c. Brief process details

(Please add additional sheet if required)

d. Potential recovery of any by-products

e. Tailing/waste management plan

10. Future Work Proposal (if any):

(Please add additional sheet if required)

11. Any other relevant information:

(Please add additional sheet if required)

CGPB COMMITTEE IV: MINERAL CHARACTERIZATION AND BENEFICIATION

List of Members and Permanent Invitees for CGPB Committee-IV

Sl No	Organization/ Stakeholder	Name & Designation of the representative	Mobile No	Email Id	Mode of Attendance	No of attendees
MEMBERS						
1	Director (Technical), Ministry of Mines, Government of India					
2	Director (Policy), Ministry of Mines, Government of India					
3	Atomic Minerals Directorate for Exploration and Research (AMD)					
4	National Mineral Exploration Trust (NMET)					
5	NMDC Limited					
6	Steel Authority of India Limited (SAIL)					
7	National Aluminium Company Limited (NALCO)					
8	Mineral Exploration and Consultancy Limited (MECL)					
9	Hindustan Copper Limited (HCL)					
10	Hindustan Zinc Limited (HZL)					
11	Indian Rare Earths Limited (IREL)					
12	CSIR–Institute of Minerals and Materials Technology (CSIR–IMMT), Bhubaneswar					
13	CSIR–National Metallurgical Laboratory (CSIR–NML), Jamshedpur					

14	IIT (ISM), Dhanbad					
15	Directorate of Mines & Geology (DGM), Government of Odisha					
16	Director (Technical), Ministry of Mines, Government of India					
17	Directorate of Geology and Mining (DGM), Government of Madhya Pradesh					
18	Directorate of Geology and Mining (DGM), Government of Chhattisgarh					
19	Directorate of Mines & Geology (DGM), Government of Rajasthan					
20	Directorate of Mines, Government of Jharkhand					
21	Commissioner of Geology and Mining (CGM), Government of Gujarat					
22	Directorate of Mines and Geology (DGM), Government of Karnataka					
23	Directorate of Geology & Mining (DGM), Government of Jammu & Kashmir					
24	Commissionerate of Geology and Mining (CGM), Government of Tamil Nadu					
25	Department of Mines & Geology (DMG), Government of Andhra Pradesh					
26	Department of Mines & Geology (DMG), Government of Telangana					
27	Directorate of Geology and Mining (DGM), Government of Maharashtra					

28	Non-Ferrous Materials Technology Development Centre (NFTDC), Hyderabad					
29	Hutti Gold Mines Limited (HGML), Karnataka					
30	Andhra Pradesh Mineral Development Corporation Limited (APMDC)					
31	Rajasthan State Mines and Minerals Limited (RSMML), Rajasthan					
32	Gujarat Mineral Development Corporation Limited (GMDC), Gujarat					
33	Odisha Mining Corporation Limited (OMC)					
34	Tamil Nadu Minerals Limited (TAMIN)					
35	Kerala Minerals and Metals Limited (KMML)					
36	Deputy Director General, Mission AMRIT, NCR Headquarters, GSI, New Delhi					
37	Deputy Director General, Mission AMRIT, GSI – All Regions					
38	Deputy Director General, NCEGR, Mission MANTHAN, GSI, CHQ, Kolkata					
39	Director, PSS-2, GSI, CHQ, Kolkata					
40	Director, PSS-4, GSI, CHQ, Kolkata					
41	Director, Training Institute, GSI					
42	Director, CGPB Secretariat, NCR Headquarters, GSI, New Delhi					
43	Mining, Geological & Metallurgical Institute of India (MGMI)					

PERMANENT INVITEES

Sl No	Organization/ Stakeholder	Name & Designation of the representative	Mobile No	Email Id	Mode of Attendance	No of attendees
1	Jawaharlal Nehru Aluminium Research Development and Design Centre (JNARDDC)					
2	IIT Kharagpur – Department of Metallurgical & Materials Engineering					
3	IIT Bombay – Department of Metallurgical Engineering & Materials Science					
4	IIT Hyderabad – Department of Materials Science & Metallurgical Engineering					
5	IISc Bengaluru – Department of Materials Engineering					
6	National Institute of Ocean Technology (NIOT), Chennai					
7	Bhabha Atomic Research Centre (BARC)					
8	CSIR–NIIST, Thiruvananthapuram					
9	CSIR–NEIST, Jorhat, Assam					
10	Tata Steel					
11	JSW Steel					
12	Vedanta Limited					
13	HINDALCO Industries Limited					