

From,

Date: 18th August, 2026

Subhash Yadav,
Ex. Director (GSI) & Peer Reviewer(MNET),
142-A, Shivsahaktinagar, Jagatpura Road,
Jaipur-302017

To,

Shrikant Sharma,
HoD (Exploration)
MECL, (A Govt. of India Enterprise)
Dr Ambedkar Bhawan, Saminary Hills, Nagpur-440006

Subject: Submission of Peer-Reviewed Geological report on Preliminary Exploration (G3) for limestone in Bandha Block (3.54 sq Km) and Jamuniya Block (3.68 Sq Km), Satna district, Madhya Pradesh.

Reference: Your email of dated 30.05.2026 and MNET letter no. 44/1/2017-NMET/431 dated 29.07.2026.

Sir,

With reference to the cited letter, I am submitting herewith the peer reviewed Geological report on Preliminary Exploration (G3) for limestone in Bandha Block (3.54 sq Km) and Jamuniya Block (3.68 Sq Km), Satna district, Madhya Pradesh.

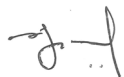
My review, in general, focused on the technical soundness, geological mapping data quality, drilling, core logging, maps, sections and sampling adherence to the MERT guidelines. The report is acceptable being well documented, provides a detailed account of geological setting, planning of boreholes, core logging, precise procedure of samples collection, chemical analyses and their interpretation, preparation of geometrically and geologically coherent maps adhered to MERT/NGDR guidelines. The explored limestone is though massive and having high CaO and low MgO fit for its utility in cement industry yet resources could not have been estimated due to constraint of its lateral and in depth continuity. Since the area is extensively covered with regolith and soil and having only few small exposures, it would have been better if while formatting the proposal of investigation, targets of pitting, trenching and auger drilling up to 3m was decided to expose rocks nearby and in between outcrops. However, marginal corrections and incorporations as suggested on the body of the report are to be attended and incorporated for the better flow of the text in the report. Minor suggestion/incorporations are as follows;

- Consider add of heading of chapters under description in contents as suggested on the body of the report.

- Ensure titles of the report, maps, plates and annexures are to be same in the report as given in the contents.
- Ensure add of all the referred previous works in the report under references and nonreferred works are to be deleted.
- Add brief description of nature/structure such as compact/massive/fine grained/altere/fractured/sheared or any structure observed while core logging.
- Add plate nos. on the maps as per contents.
- Write proper justification for the shortfall of targets in Table no. 10.1.
- Kindly check and correct the coordinates of corner point of blocks since the corner point C of Bandha and A of Jamuniya Block are common but their coordinates are different, same is with B of both the blocks.
- Under subhead iii of 10.2.1 heading, objectives of investigation was to mark subsurface contacts, concealed beneath soil cover but in report nowhere mentioned what is done to expose areas nearby and in between the outcrops, please justify properly.

Based on my review, I confirm that this report meets with the required inputs of technical data of the proposed exploration stage. For still betterment, may kindly consider incorporations suggested and attend minor comments given on the body of the report.

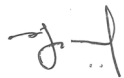
Yours Sincerely,



(Subhash Yadav)

Ex. Director & Peer Reviewer (MNET)

Copy for information to the HoD, NMEDT, Jivan Praksh LIC Building, 9th floor, KG Marg, New Delhi-110011.



(Subhash Yadav)

Ex. Director & Peer Reviewer (MNET)