

**Minutes of the 15th CGPB Committee-II meeting held on 13.09.2019 at
Khedkar Conference Hall, GSI, SR, Hyderabad**

15.01.01	<p>Shri Tanay Dutta Gupta, Director, PSS, GSI, SR and Member Secretary, CGPB Committee-II welcomed all the members including DDG, PSS-P&M; RMHs; SU DDGs; Dr. N.P. Nathan, DDG (Retd.); Shri S. Ananda Murthy, DDG (Retd.); Director, CGPB Secretariat, DGCO, GSI; Director & HoD, NMET; senior officers of GSI and representatives from various DGMs and from private enterprises. He also welcomed all the members joined through video conference from the CHQ, GSI; NMH-II and various state units. He informed that CGPB Committee-II mainly deals with the exploration of precious metals and minerals, i.e., gold, PGE and diamond etc. He requested all the members to introduce themselves.</p>
15.02.01	<p>Self introduction of all the members, special invitees and delegates.</p>
15.03.01	<p>Shri M. Sridhar, ADG & HoD, SR and Convenor, CGPB Committee-II, in his opening speech, welcomed all the distinguished delegates from various DGMs and GSI officers from all over India including young colleagues who for the first time had an opportunity to witness how CGPB committee meetings are conducted. He expressed his happiness for the overwhelming response in the form of increased attendance of the members and invitees in the meeting compared to the previous meeting.</p> <p>He informed that India is spending more foreign exchange on importing these commodities next to oil and stressed the importance of augmentation of exploration and exploitation of precious metals and minerals like gold, PGE and diamond etc, which this committee deals with.</p> <p>He informed that though India's gold consumption has been reduced in the year 2018, more than 80% of India's gold requirements are being met with imports and quoted the following.</p> <ul style="list-style-type: none"> • the production of primary gold in 2017-18 was 1,648 kg increased by 3% as compared to that in the previous year • diamond was at 39,699 carats in 2017-18 as against 36,491 carats in the previous year and • PGE production was nil. <p>He conveyed that there is an obvious need for augmenting the exploration and also reduce the gestation time for development of active mines i.e., the time from discovery to recovery needs to be optimised and reduced to meet the demand in the country. As an example he referred the case of The Bunder Diamond Deposit which was discovered in 2004 but could not be cleared for mining till date. He also similarly quoted the case of indigenous gold production from the Jonnagiri gold deposit.</p> <p>He informed in India, there is only one active diamond mine, i.e. in Panna. He informed that the diamond industry in India today is worth about Rs. 6000 cr and is rated amongst the fastest growing diamond markets in the world. India ranks third in the</p>

	<p>world in domestic diamond consumption behind only to USA & Japan. He informed that the Indian diamond industry is mainly lapidary unit based and we import rough diamonds from Africa and Russia. He further informed that even this industry is now facing competition from China which is showing more interest in low cost lapidary units and the African countries who basically exporting the rough diamonds are now showing interest in improving lapidary units near diamond mines and as such our monopoly on Diamond Cutting & Polishing Industry is under threat.</p> <p>He informed that GSI as a follow up of 14th CGPB Committee-II meeting, has taken up programmes in the areas identified in Cuddapah, Aravalli, Gondwana, Singhbhum, Bastar and Deccan Traps. However, he opined that there is a need to take up more G4 items for these minerals and requested members to identify more areas for taking up more programme.</p> <p>He informed that Geological Survey of India took 77 items in the precious metal and minerals in FS 2019-20. Out of these 42 items are in G4 stage, 22 G3 stage and 3 in G2 stage. Commodity-wise for gold 41 (G4-25, G3-15 & G2-01), PGE 24 (G4-16, G3-06 & G2-02), Diamond 12 (G4-11 & G3-01).</p> <p>He also informed that besides GSI, only MECL is carrying out exploration activities and no participation from private and state governments in the exploration of gold, PGE and Diamond.</p> <p>He opined that exclusive mining rights is the major concern for private sector for taking up the exploration activities besides forest clearance, tribal / local unrest etc.</p> <p>He informed that the NPV component for the programmes taken up by GSI in collaboration with the various state governments is being borne by the state governments themselves. He also informed that the officers of GSI are being advised to apply for forest clearance in advance while formulating the programmes. He also brought to the notice of the house about the difficulties faced by GSI TI officers in the field from the local unrest in Telangana / Andhra Pradesh on account of opposition to uranium mining, even though it does not pertains to GSI.</p> <p>He informed that the decisions taken in this meeting will be informed to the CGPB main committee and to the MoM.</p> <p>Shri M. Sridhar thanked those who have accepted the responsibility of updation / preparation of base documents concerning the minerals of this committee. He concluded with a request to pay attention to augment the exploration and exploitation of precious metals & minerals.</p> <p style="text-align: right;">(Action: All Member/stakeholders)</p>
15.04.01	<p>Confirmation of the minutes of 14th CGPB Committee-II meeting:</p> <p>The Member Secretary Shri Tanay Dutta Gupta presented the minutes of the 14th CGPB Committee-II meeting for confirmation as there was no suggestion for modification from any member.</p>

15.04.02	<p>Follow up of Action Taken Report of 14th CGPB Committee-II meeting:</p> <p>The Member Secretary, Shri Tanay Dutta Gupta stated that follow up action reports are not being received from the members, hence the decisions taken in the meetings are becoming meaningless.</p>
15.05.01	<p>Holding of SGPB meetings prior to various CGPB committee meetings:</p> <p>The Member Secretary requested the State DGMs to hold SGPB meetings prior to the CGPB committee meetings so that the decisions / discussions taken place in the SGPB meetings can be discussed in the CGPB committee meetings, which will lead the various SUs of the GSI can take up the requested/suggested items in the next field season programme.</p> <p>It was informed that Jharkhand was the only state which conducted SGPB meeting prior to CGPB committee meetings.</p> <p style="text-align: right;">(Action: All Member/stakeholders)</p>
15.05.02	<p>Dr. L.P. Singh, Director & HoD, NMET requested the convenor and the members to come up with suggestions / guidelines on how to utilize the NMET funds available by the stake holders. He informed that the expenditure incurred can only be reimbursed under NMET.</p> <p>Shri M. Sridhar opined before that the formation of NMET, various stake holders used to ask GSI for taking up of the programmes, however, now NMET gives them an alternate resource back-up to take up exploration.</p> <p>Dr. N.P. Nathan, DDG (Retd.) opined that NMET funding should be made available for improving infrastructural facilities for R&D activities and for setting up of laboratory facilities for PGE analysis etc.</p> <p>Dr L P Singh, Director & HOD, NMET informed that the NMET is meant for only project funding and cannot do any infrastructural funding. He also invited discussion on the fact why state and private players are not coming forward to take up exploration and questioned whether they are really geared up to take exploration on their own. He requested CGPB to guide on this aspect.</p> <p>Dr. S. Ravi, Director, GSI TI opined that a document may be prepared on how to make use of the NMET funds available to the stake holders.</p> <p>Dr. L.P. Singh opined that strategic planning for the next five years need to be discussed so that NMET funding can be planned. He hoped that some of the inputs from this meeting will be helpful.</p> <p>DGM, Jharkhand informed that proposals for NMET funding are kept pending.</p> <p>The Member Secretary opined that NPV component can be taken care by state DGMs. He also informed that the GSI officers are advised to first go for forest clearance and then for project formulation.</p>

	<p>DGM, Jharkhand stated that since base price for emeralds available in Jharkhand has not yet been fixed, the exploration proposals could not be formed.</p> <p>MECL informed that G4 work already been done by GSI in Gadwal schist belt for gold, no further work has been proposed since the results are not encouraging.</p> <p>Many members asked about the updated IBM status report on RP / PL data bank on new areas / surrendered RP / PL data. The convenor requested IBM to come with latest data bank covering all the data, so that new proposals can be taken up.</p>
15.05.03	The committee opined that cluster mining may be the feasible solution in the three blocks of Ajjanahalli.
15.05.04	MECL raised the issue regarding ML permission with MSPL in CKHalli area, where exploration for gold is going on. The convenor opined that it is a legal matter.
15.06.01 New Agenda 1	<p>Taking up exploration project for diamond, gold and PGE minerals in FS 2019-2020</p> <p>(Suggestion: Director & Member Secretary, CGPB Committee-II)</p> <p>Shri Tanay Dutta Gupta informed about the programmes on these minerals are being taken by GSI in FS 2019-20. Geological Survey of India took total 77 nos. of items in the precious metal and minerals in FS 2019-20. Out of these 42 items are in G4 stage, 22 G3 stage and 3 in G2 stage. Total nos. of gold exploration items are 41 (G4-25, G3-15 & G2-01), PGE 24 (G4-16, G3-06 & G2-02), Diamond 12 (G4-11 & G3-01). He informed that GSI, Southern Region is taking two G2 level programmes for PGE.</p> <p>The representative from DGM, Jharkhand opined that unless the base price for PGE is fixed either by GSI or by IBM, no action can be taken, as in the case of Emerald.</p> <p>Representative from IBM informed that as there is no production, no base price can be fixed.</p> <p>The Member Secretary Shri Tanay Dutta Gupta requested IBM to initiate steps for fixing the base price of PGE / emerald etc. by some suitable means/yardstick. He also requested members to suggest areas for taking up new programmes. Some of the areas suggested by the members are listed below.</p> <ol style="list-style-type: none"> 1) Gold in Nilgiri area, Tamil Nadu – Dr. N.P. Nathan informed that adjoining areas of Devala-Pandalur area can be ideal for gold 2) Gold in pegmatites of Kadirri Schist Belt 3) PGE in Hanumalapura, Karnataka 4) PGE and gold in Kaiga-Motimakki area (suggested by Shri Basavaraj, DDG) 5) Gold in southern extension of Kolar Schist Belt and eastern part of Kolar schist belt, Adabanda gold block (suggested by Dr. N.P. Nathan) 6) Gold in Tamar area, Tummalapalli dolostone in Cuddapah and Anantapur (suggested by Shri Sahendra Singh) 7) Vasu area in South east of Udaipur, forest covered area 8) Gold in Honnali, Shimoga Schist Belt (suggested by NM-II) 9) Gold in Bangargatti west and north part (suggested by NM-II)

	<p>10) Palanahalli and adjoining areas (suggested by Dr. N.P. Nathan) (Action: IBM / The concerned Dy.D.G, SUs, GSI)</p>
<p>15.06.02</p> <p>New Agenda 2</p>	<p>Draft updated base document of CGPB Committee-II</p> <p>(Suggestion: Director & Member Secretary, CGPB Committee-II)</p> <p>Member Secretary informed that the base document of CGPB committee-II was approved and circulated in 2010 and since then, a lot of changes have taken place in the exploration activities of these minerals. Dr. S. Ravi, Director, GSITI was entrusted with the responsibility of updation of the base document on diamond. He informed that data on the exploration activities of GSI and from other agencies mainly DGMs has been obtained with the help of young geologists. Dr. S. Ravi informed that the first draft is ready and will be submitted within this month. Dr. S. Ravi opined that after the observation of HoD, NMET, the document may be named as specialized document, for which the scope will be enlarged. Member Secretary informed that the draft will be scrutinized by PPM and NMH-II and if required it will be externally peer reviewed before final circulation.</p> <p>(Action: Dr. S. Ravi, Director, GSITI)</p>
<p>15.06.03</p> <p>New Agenda 3</p>	<p>Special publication of the PGE exploration in India</p> <p>(Suggestion: Director & Member Secretary, CGPB Committee-II)</p> <p>Dr. N.P. Nathan presented the first draft of the publication on PGE exploration in India. Dr. N.P. Nathan opined that GSI has to develop ICPMS and Fire Assay facilities in each Region. NCMI analytical back up has to be very strong, before one can mount programmes. He informed that the special publication on PGE covers 8000 sq.km in the country. He informed that interpretation of aero-magnetic data of Ecanod in Lalitpur district of Uttar Pradesh is required. The tentative dossier reflected presence of 150 ultramafic bodies with 7 MT of PGE deposit at an average grade of 0.7ppm which is quiet good, the database should be obtained from the DGM, UP and requested GSI, NR, Lucknow for the doing the needful in this regard. He opined that, Honnamardi block with average grade 0.7ppm and Vellamari block in Kerala are promising prospects.</p> <p>It was decided to send the draft manuscript to publication division, SR for scrutiny before sending to CHQ for final approval. The Director, CGPB Secretariat, DGCO requested to bring out the publication before the next CGPB meeting.</p> <p>(Action: The Member Secretary, CGPB Committee-II/ The Suptdg Geologist, Publication Division, SR)</p>
<p>15.06.04</p> <p>New Agenda 4</p>	<p>Special publication in gold exploration in India</p> <p>(Suggestion: Director & Member Secretary, CGPB Committee-II)</p> <p>Shri Ananda Murthy, DDG (Retd.) informed that since exploration for gold in India has been taken up in large areas all over the country, a lot of information need to be compiled. He requested that TC Division of every State Unit may be entrusted with</p>

	<p>the responsibility of collating the information in the format prescribed, so that the preparation material for the special publication can become easier.</p> <p>The Member Secretary opined that the publication may be brought out in two parts – one covering the Southern Region and the second rest of India. He further opined that instead of the TC Division of the State Unit, the DDG of the SU may identify one Resource Person as Nodal Officer for collecting the information and compiling the same in the prescribed format and requested all the SU DDGs to do the needful in the matter. He further requested Shri S. Ananda Murthy to supply the format to each State Unit for collecting the information.</p> <p>Shri J.V. Rama Rao, Director (GP) informed that the geophysical data of all the geophysical investigations is available in geological model wise and can be used for preparation of the publication.</p> <p>Shri M. Sridhar solicited active participation from all the members in the matter.</p> <p style="text-align: center;">(Action: The Member Secretary, CGPB Committee-II /The Dy.D.G, SUs,GSI/ Shri Anada Murthy, DDG(Retd.))</p>
<p>15.06.05 New Agenda 5</p>	<p>Agenda -5 Brainstorming and discussion for exploration of Precious Metals and Minerals taking into consideration the domestic demands and global scenario. (Suggestion: Director&HoD, NMET)</p> <p>Dr. L.P. Singh requested the committee to suggest how to fund exploration projects like avoiding duplication of work, reducing disputes between stake holders etc. He opined that NMET should not go for indiscriminate funding and its priority is to focus on strategic and critical minerals. He informed that it is the responsibility of all the committees to see that NMET funding should be used to augment the exploration activities, to initiate measures for using newer level of technologies for exploration activities etc.</p> <p>Shri S. Ananda Murthy opined that beneficiation techniques need to be funded by NMET and suggested improvement of facilities at IIMT, NML etc. through a strategic plan document for advanced R&D activity.</p> <p>The committee decided that NMH-II may be requested to constitute a committee to formulate guidelines for NMET funding for exploration activities, since Mission-II is the overall in-charge of the mineral exploration activities in the country. The terms of reference of the committee may include how best the exploration activities can be taken up in next level with infusion of newer technologies, including R&D.</p> <p>Shri Tanay Dutta Gupta requested all the members to give suggestions for sending to NMH-II.</p> <p style="text-align: right;">(Action: The ADG and Head NM-II, GSI)</p>

<p>15.06.06</p> <p>New Agenda 6</p>	<p>Difficulties and way forward for greater participation of State DGMs, notified exploration agencies and private entrepreneur in regional (G4) greenfield exploration and detailed exploration of deep seated minerals.</p> <p style="text-align: right;">(Suggestion: Director&HoD, NMET)</p> <p>The committee opined that the present NMDR Act has itself thrown some problems for private agencies to launch G4 and G3 project due to non-exclusivity of later stages.</p> <p>Dr N.P. Nathan informed that if any G4 project is upgraded to next level, some percentage of the project amount should be given to the agency that has undertaken the G4 project, as per the recent SOC.</p> <p>NMET informed that for taking a project with NMET funds, it should come from the state where is being taken up. DGM, Jharkhand informed that NMET extended support to a project by TSMDC without their knowledge and it should not be the case.</p> <p>Dr. N.P. Nathan opined that whatever the projects approved by NMET should be informed to the respective DGMs / SUs of GSI.</p> <p>MECL informed that even though they are working for molybdenum and tungsten in Telangana for the last two years, now TSMDC is identified for the work.</p> <p>The Committee decided to request NMET to inform the respective State DGMs and GSI State Units regarding any approved project in their respective state.</p> <p style="text-align: right;">(Action: The Director &HoD, NMET)</p>
<p>15.06.07</p> <p>New Agenda 7</p>	<p>Functioning of CGPB Committee-II (Precious Metal and Minerals)- some concerns</p> <p style="text-align: right;">(Suggestion: Director & Member Secretary, CGPB Committee-II)</p> <p>Member Secretary opined that in the absence of exploration activities on these minerals by State DGMs and private agencies other than GSI, is a matter of concern. The private sector representatives had brought forward the lack of exclusivity in the later stages of projects acted as major dampener in the augmentation of private exploration activities. It hurt the risk-reward ratio for new initiatives. Hence, suitable changes may be brought in the present policy regime to encourage the private sector participation. The representative of M/s. Vedanta, India suggested that the policies adopted for oil exploration in India may be a better option to implement for the mineral sector as well.</p>
<p>15.06.08</p> <p>New Agenda 8</p>	<p>Submission of action taken reports for last CGPB Committee-II meeting.</p> <p style="text-align: right;">(Suggestion: Director & Member Secretary, CGPB Committee-II)</p> <p>The Member Secretary requested all the participants to take the decisions taken in this meeting in right earnest and take due actions required by them. An early action taken reports (ATR) in the respective areas may be sent to Committee Secretariat so that the purpose of this annual meeting is rightly served.(Action : All the participants)</p>
<p>15.06.09</p>	<p>At least 50% of total samples of G-3 and 10% of total samples of G-4 items analyze for Gold must be made mandatory to be analyzed by the Fire Assay Techniques.</p> <p style="text-align: right;">(Suggestion: GSI, Eastern Region)</p>

<p>New Agenda 9</p>	<p>The suggestion given regarding analysis of certain percentage of total samples for gold by Fire Assay technique is welcomed due to the variation in analytical results by Fire Assay and AAS. It was decided to request NMH-II to look in the matter and issue necessary guidelines.</p> <p style="text-align: right;">(Action: ADG & Head, NM-II, GSI)</p>
<p>15.06.10 New Agenda 10& 11</p>	<p>Beneficiation studies on G-2 level mineral exploration samples of GSI and availing of laboratory facility of GSI for chemical analysis.</p> <p style="text-align: right;">(Suggestion: IBM)</p> <p>The Member Secretary informed that since GSI itself is outsourcing some of its analytical work to NGRI, NML etc., the suggestion of IBM to analyse its samples at GSI laboratories may not be feasible. However, he requested IBM to write to DDG (Chem.), GSI, CHQ in the matter. He opined that IBM can make use of the facilities available at other CSIR laboratories, NGRI, NMDC, NMRL, JNRDC etc. The committee feels that infrastructural facilities at IBM can be improved by NMET funding.</p> <p style="text-align: right;">(Action: IBM, Dy. D. G (Chemistry), CHQ, GSI)</p>
<p>15.07.01</p>	<p>Presentation by Shri Sahendra Singh, Associate Professor, ISM, Dhanbad</p> <p>In his presentation, Shri Sahendra Singh narrated the upcoming research activities on the presence of gold mineralization in the crystal lattice and known as nano-gold. Since the conventional type / conceptual type of exploration for gold has been done for a long time, time has come for changes in the exploration activities to look to refractory deposits / in-situ deposits for invisible gold. He requested the members of Committee-II to take up collaborative projects with ISM etc. on this subject so that exploration on nano-gold deposits can be augmented in India too. He suggested samples may be analysed by LA- ICPMS etc. for getting proper values.</p> <p>Many of the members opined that higher gold values detected in Fire Assay method than AAS could be due the presence of nano-gold / invisible gold.</p> <p>The Member Secretary concluded that the presentation throws light into the existence of gold in other forms also and that may be future exploration activities will be focussed in that direction. However, he added that getting gold values in analysis is different from extracting gold from the same samples.</p>

15.07.02	<p>Presentation by Shri GouravDua, Vedanta, India</p> <p>Shri Dua compared Indian and Australian policies in respect of mining exploration and licensing methods. He thanked GSI for its vast geological and geophysical data, which is helpful in exploration. He informed that most of the discoveries in the world are not discovered by the first explorer and every area must be explored again and again with the changed exploration technologies available.</p> <p>Licences should be given for all minerals in an area and not for a particular mineral and the area should be very large. He opined that the concept of “use it” or “loose it” should be adopted. He informed that India spends less on exploration than Australia, Canada etc. and expenditure should be on the ground and not on the administration. Stable / continuation of policies attract more investors. Upfront payment must be minimal. Single licence should be given beginning from exploration to mining level. Auctioning of large area with zero reserve price is the idea of Vedanta.</p> <p>The Director, NMET opined that lands in India are densely populated than in Australia and Canada etc.</p> <p>The Committee opined that as the combined license of PL+ML already exists and a new composite license from G4 can be introduced. IBM informed that previously LAPL was there, but it is a failed case.</p>
15.07.03	<p>Presentation by Dr. P.K. Jain, IBM</p> <p>Dr. P.K. Jain informed that 87% of the area having these minerals is free hold and more exploration programmes can be taken up to augment these resources. IBM requested to send the information on resource estimation in Ajjanahalli Block-D to IBM for updation of NMI.</p> <p>The Member Secretary requested DGMs to take steps for auctioning the blocks with reports having reserve estimates (G3 & G2). He informed that in 2015 GSI handed over 75 such reports to State DGMs in UNFC format.</p> <p>DGM, Jharkhand informed that without G2 no ML will be given for bulk minerals also.</p> <p>Members from GSI drew the attention of IBM that most of their findings have not been included in the NMI-2015, even though they are regularly giving information about their findings.</p> <p style="text-align: right;">(Action: IBM)</p>
15.07.04	<p>Dr. V.A.J. Aruna presented R&D activities of IBM.</p> <p>Member Secretary opined that both IBM and ISM should develop beneficiation techniques on placers. He requested NMET to take steps for holding a workshop on beneficiation work with respect to PGE / micro gold with members from ISM / IBM.</p> <p style="text-align: right;">(Action : IBM/NMET)</p>
15.08.01	<p>The Member Secretary, Shri Tanay Dutta Gupta assured that a re-look on the reserves will be done on PGE exploration at Elachi valley, Kerala, as suggested by Dr. N. P.</p>

	<p>Nathan. Dr. Nathan may have a discussion with the DyDG, SU; Kerala regarding under-estimation of the resources, and the Dy. D.G., SU: Kerala is requested to do the needful in this regard, including Dr. Nathan's visit to the exploration area, if needed.</p> <p>Dr. N.P. Nathan requested TC Division, SU: AP / Telangana to send information on PGE in KondapalliChimakurthy and Chimalpahad areas.</p> <p>Shri Basavaraja displayed the publication “Mineral Exploration Concepts and Guidelines”, published by GSI, which is available in GSI portal and opined that it will be useful for applying for NMET funding.</p> <p>Shri R.P. Nagar, DDG, SU: AP requested IBM to provide data on gold mine in Ramagiri beyond 500 m, which was earlier explored by BGML. It is required for proposing for G2 level programme.</p> <p style="text-align: center;">(Action: Dr N. P. Nathan/ DyDG, SU:Kerala/ DyDG, SU:A.P/ IBM)</p>
15.08.02	<p>Dr. M.N. Praveen, Director, SU: K&G informed that regarding micro-diamond, nothing could be exclusively identified under Raman spectroscopy. Results in Hottenhalli (G4) block during 2018-19 are encouraging and they would like to propose SE extension of LakkiKoppa block in 2020-2021.</p>
15.08.03	<p>Comments of Director, CGPB Secretariat:</p> <p>He congratulated all the participants for their involvement and ideas and the issues raised. He opined that the Convenor has set the right tone with his opening remarks. He informed that the main objective of CGPB committees is basically of liaison between stake holders. The whole constitution of the CGPB committees should be relooked since these committees were formed in 2009 and there is a need for reconstitution now since many members are not involved in the exploration activities. He opined that a proposal for reconstitution of the Committee and terms of reference with respect to changes in the policies and exploration techniques, should come from the committee itself. Member Secretary informed that the data compiled on the previous years' attendance will be sent to the CGPB secretariat.</p> <p>He hoped that the manuscript submitted by Dr. N.P. Nathan will be released in the coming 59th CGPB meeting in February, 2020. Member Secretary, requested GSI, NR, Lucknow to get in touch with the DGM, UP for information on IkaunaDangli area, District Lalitpur, Uttar Pradesh for PGE and send the same to Dr. N.P. Nathan within the next 15 days.</p> <p>Coming to the R&D work, he opined that synchronizing the R&D work with exploration is needed especially where R&D work is on a weaker side, selective leaching should be done.</p> <p style="text-align: right;">(Action: Member Secretary, Committee-II)</p>
15.08.04	<p>Shri M. Sridhar, ADG &HoD and Convenor, thanked all the members for the productive session and said that the best outcome of today's meeting is that R&D be</p>

	<p>given importance and NMET is willing to support such endeavours. The HoD, NMET also assured to consider the proposal. He requested NMH-II to form a committee to formulate guidelines and modalities for NMET funding. He informed that with NMET as a new member in this Committee, the scope of the stake holders to increase their exploration activities has increased. He requested members to come up with exploration programmes that can be taken up in future. He hoped that the special publication on PGE by Dr. N.P. Nathan can be released in the coming CGPB meeting and solicited cooperation from all for achieving this objective. He informed that all members will be requested to part with required information so that the assignment of compiling the gold data and updation of the base document will be done. He thanked Dr. S. Ravi, Director for his work with regard to updation of base document on Precious Metals & minerals. He opined that it is time for reconstitution of this committee keeping the present day requirements / exploration activities.</p>
15.08.05	Shri B.S. Jodha, DDG & RMH-II, SR presented vote of thanks and concluded the meeting.

List of participants across the table:

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