



**Maheshwari**

Global Technologies, Ecological Mining

**Reconnaissance Survey (G-4  
stage) for Graphite in Ranibandh  
Block, Bankura (West Bengal)**

# **Ranibandh Block**

**Core Photographs**

**Annexure-V**

**By:**

**Bhola Prasad Yadav, Dy. Manager  
(Geology), MMPL**

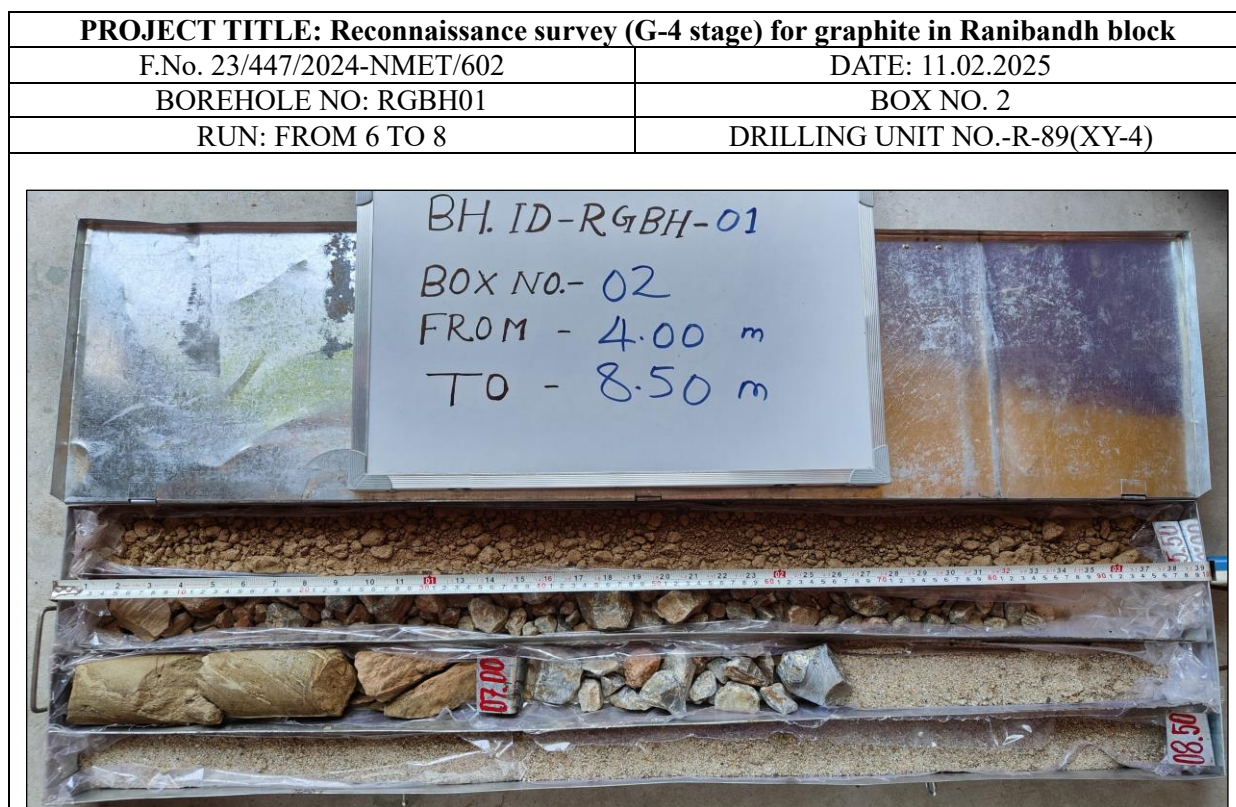
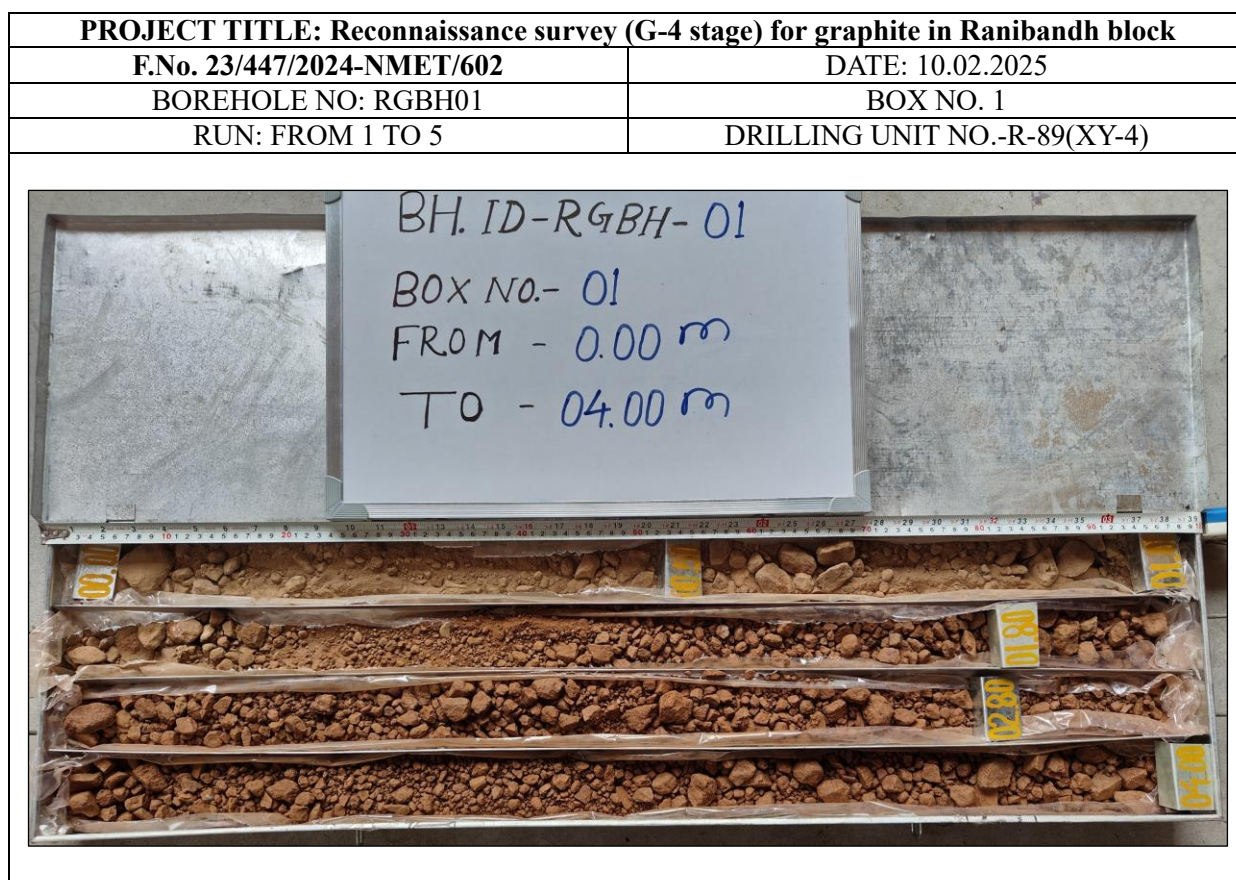
**MMPL Private Limited**

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<b>PROJECT NAME: RECONNAISSANCE SURVEY (G-4 STAGE) FOR GRAPHITE IN RANIBANDH BLOCK, BANKURA DISTRICT, WEST BENGAL</b>					
<b>AGENCY NAME: MAHESHWARI MINING PRIVATE LIMITED</b>					
<b>F.No. 23/447/2024-NMET/602 ISSUED BY NATIONAL MINERAL EXPLORATION TRUST DATED ON 12 MARCH, 2024</b>					
<b>DIGITAL PHOTOGRAPH LOG</b>					
<b>BOREHOLE NO: RGBH01</b>			<b>PHOTOGRAPHED BY: BHOLA PRASAD YADAV</b>		
<b>DATE: 25.02.2025</b>			<b>CHECKED BY: BHOLA PRASAD YADAV</b>		
PHO TO NO.	RUN NUMBER	PAGE NO.	DEPTH INTERVAL		COMMENTS
			FROM	TO	
1	From 1 to 5	3	0	4	Soil Cover
2	From 6 to 8	3	4	8.5	Soil Cover, Quartz vein? Quartz-mica schist and Unconsolidated silica sand
3	From 9 to 13	4	8.5	12.35	Unconsolidated Silica Sand (crushed materials of Quartz-mica schist?) and Quartz-mica schist
4	From 12 to 14	4	12.35	16.25	Quartz-mica schist and Calc-silicate
5	From 15 to 16	5	16.25	20.1	Calc-silicate, Quartz mica schist, Graphite bearing quartz mica schist
6	From 16 to 19	5	20.1	24	Quartz-mica schist, Quartz-mica-graphite schist
7	From 19 to 22	6	24	28	Quartz-mica schist, Quartz-mica-graphite schist
8	From 22 to 24	6	28	31.85	Quartz-mica-graphite schist, Quartz-mica schist and calc-silicate/calc-gneiss
9	From 25 to 29	7	31.85	36.15	Calc-silicate?
10	From 29 to 31	7	36.15	40.35	Quartz-mica schist, Calc-silicate
11	From 32 to 34	8	40.35	44.25	Calc-silicate?
12	From 34 to 37	8	44.25	48.1	Calc-silicate
13	From 37 to 39	9	48.1	51.7	Calc-silicate and Quartz-mica graphite schist
14	From 39 to 42	9	51.7	55.35	Calc-silicate and Quartz-mica graphite schist
15	From 42 to 43	10	55.35	58.9	Quartz-mica-graphite schist
16	From 42 to 44	10	58.9	62.5	Quartz-mica-graphite schist
17	From 42 to 45	11	62.5	66.1	Quartz-mica-graphite schist
18	From 42 to 46	11	66.1	69.65	Quartz-mica-graphite schist
19	From 42 to 47	12	69.65	73.25	Quartz-mica-graphite schist
20	From 42 to 48	12	73.25	76.9	Quartz-mica-graphite schist
21	From 42 to 49	13	76.9	80.45	Quartz-mica-graphite schist

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<b>AGENCY NAME: MAHESHWARI MINING PRIVATE LIMITED</b>					
<b>F.No. 23/447/2024-NMET/602 ISSUED BY NATIONAL MINERAL EXPLORATION TRUST DATED ON 12 MARCH, 2024</b>					
<b>DIGITAL PHOTOGRAPH LOG</b>					
<b>BOREHOLE NO: RGBH01</b>			<b>PHOTOGRAPHED BY: BHOLA PRASAD YADAV</b>		
<b>DATE: 25.02.2025</b>			<b>CHECKED BY: BHOLA PRASAD YADAV</b>		
<b>PHO TO NO.</b>	<b>RUN MUMBER</b>	<b>PAG E NO.</b>	<b>DEPTH INTERVAL</b>		<b>COMMENTS</b>
			<b>FROM</b>	<b>TO</b>	
22	From 42 to 50	13	80.45	83.95	Quartz-mica-graphite schist
23	From 42 to 51	14	83.95	87.6	Quartz-mica-graphite schist
24	From 42 to 52	14	87.6	91	Quartz-mica-graphite schist
25	From 42 to 53	15	91	94.57	Quartz-mica-graphite schist
26	From 42 to 54	15	94.57	98.2	Quartz-mica-graphite schist
27	From 42 to 55	16	98.2	102	Quartz-mica-graphite schist
28	From 42 to 56	16	102	105.83	Quartz-mica-graphite schist
29	From 42 to 57	17	105.83	106	Quartz-mica-graphite schist

## CORE PHOTOGRAPHY OF RANIBANDH BLOCK

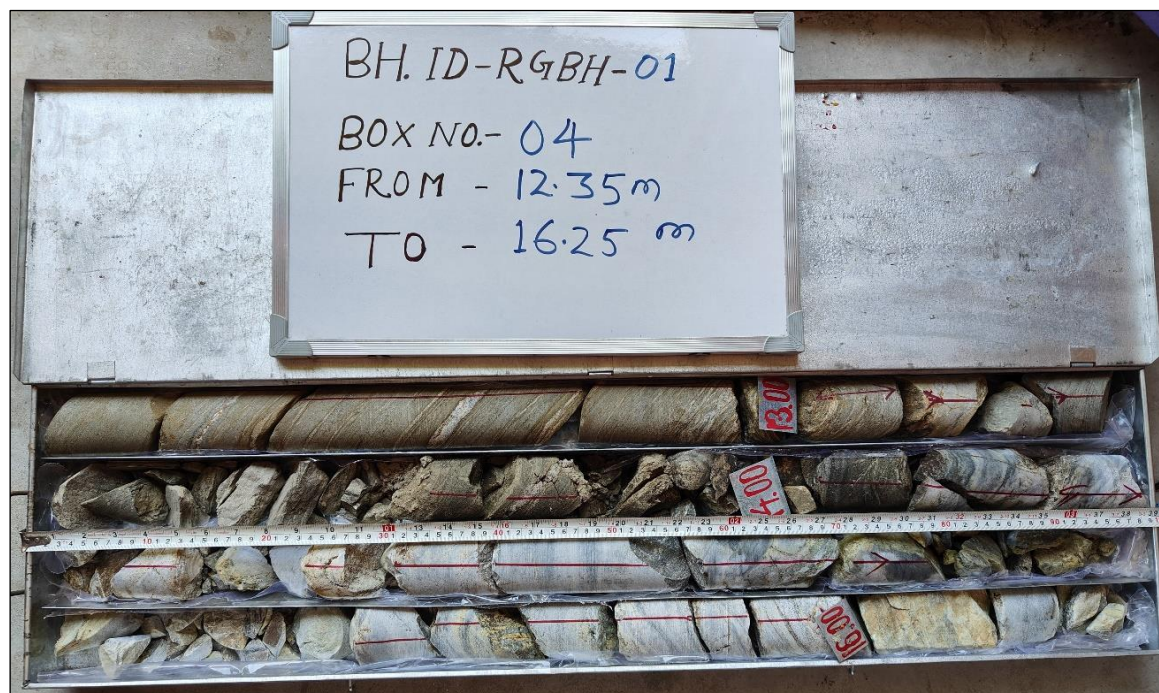




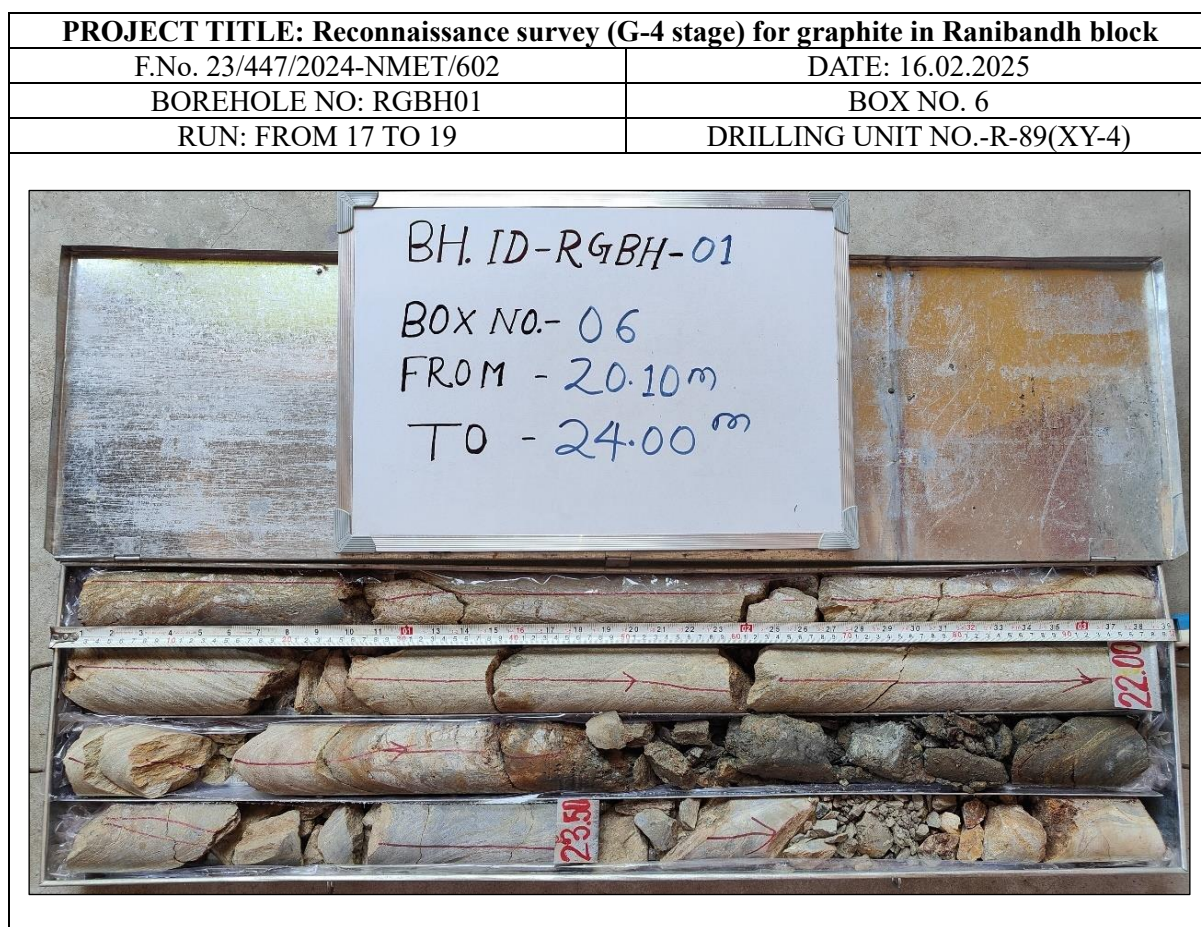
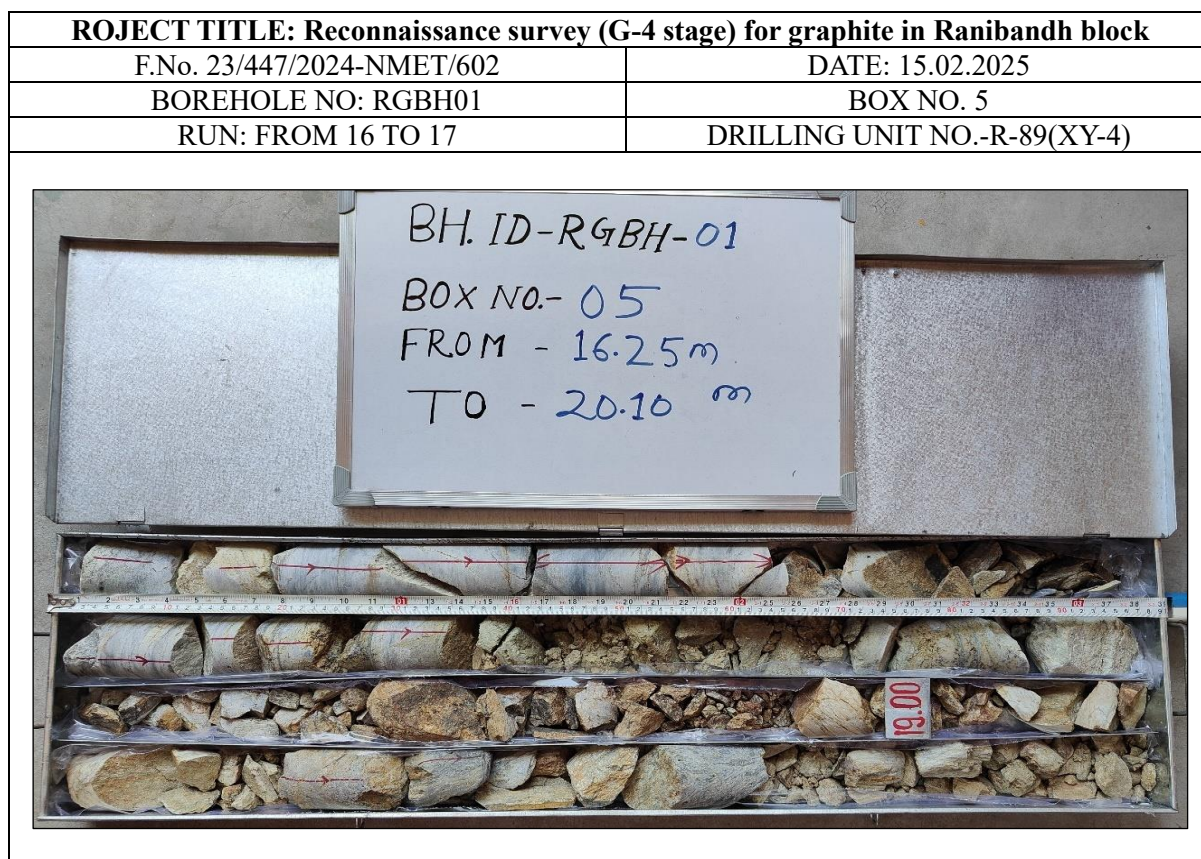
<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 15.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 3</b>
<b>RUN: FROM 9 TO 13</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>



<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 15.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 4</b>
<b>RUN: FROM 13 TO 16</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

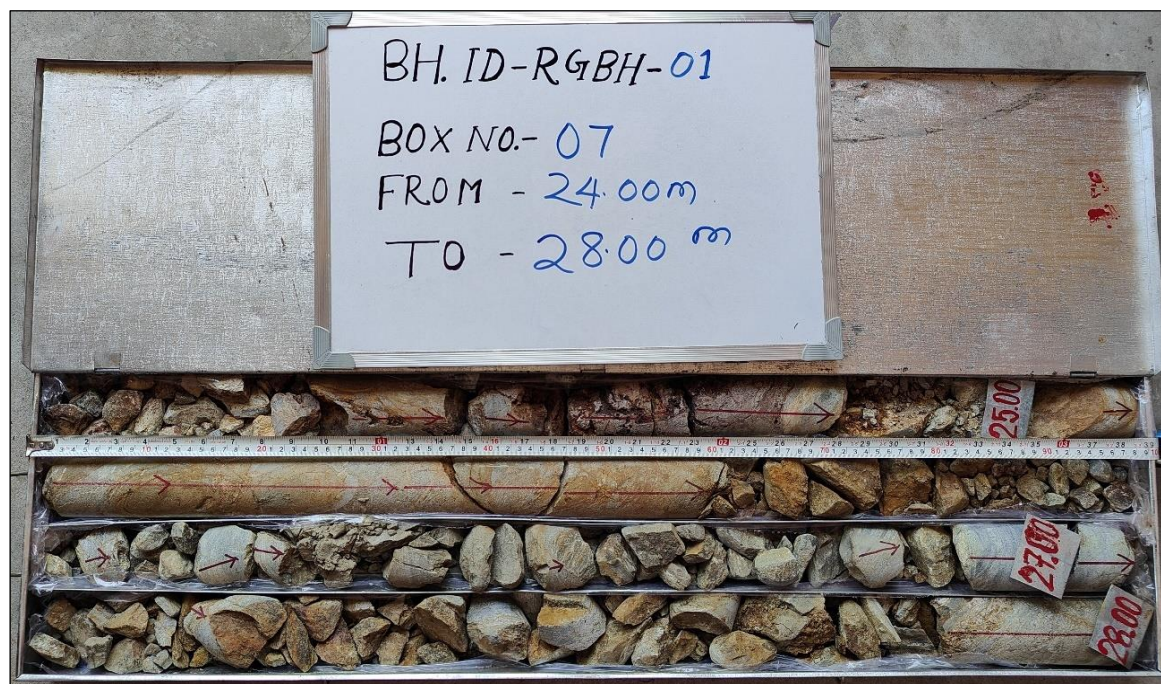




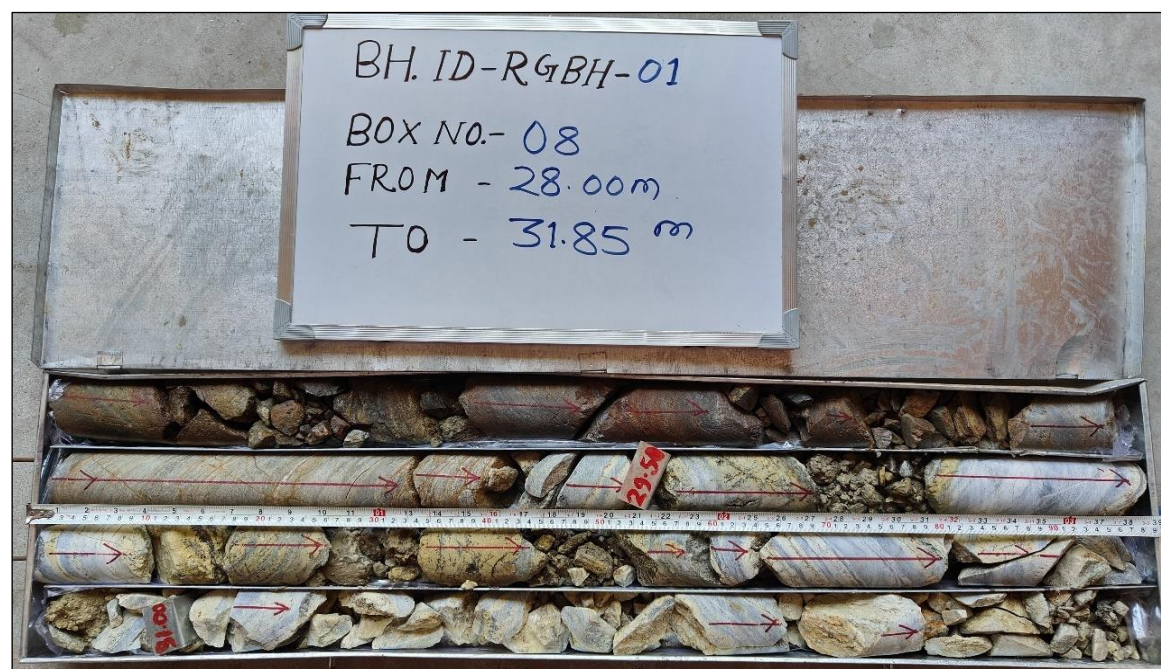




PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block	
F.No. 23/447/2024-NMET/602	DATE: 16.02.2025
BOREHOLE NO: RGBH01	BOX NO. 7
RUN: FROM 19 TO 21	DRILLING UNIT NO.-R-89(XY-4)

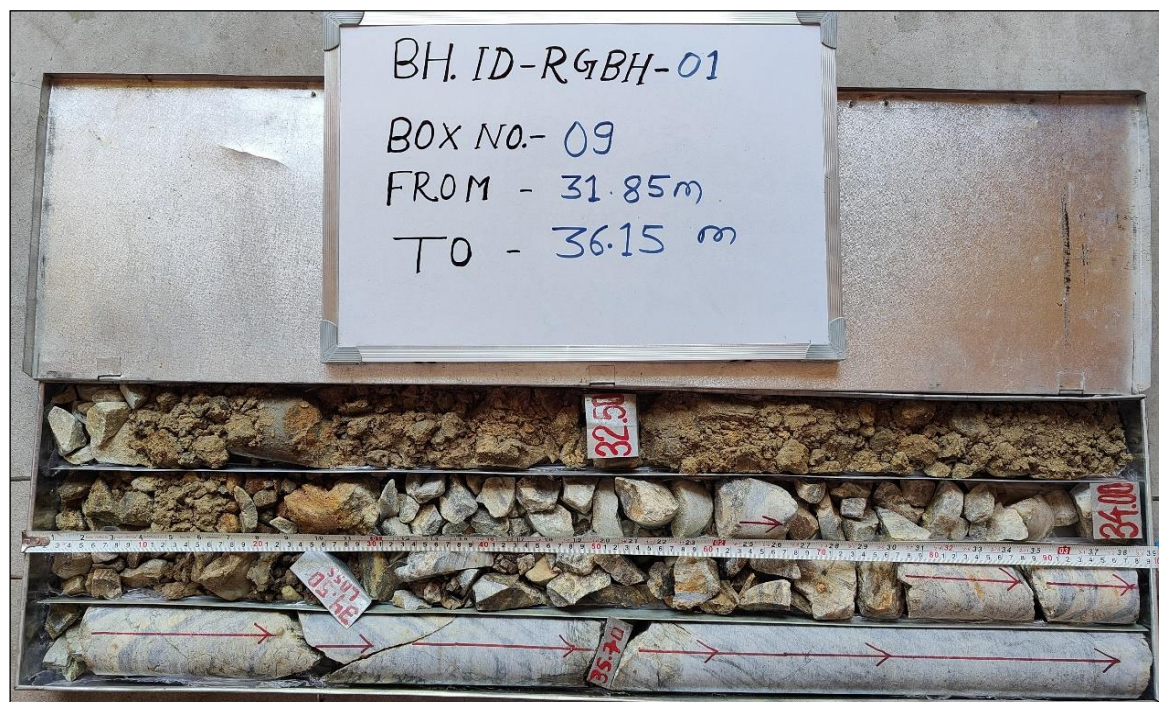


PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block	
F.No. 23/447/2024-NMET/602	DATE: 16.02.2025
BOREHOLE NO: RGBH01	BOX NO. 8
RUN: FROM 22 TO 24	DRILLING UNIT NO.-R-89(XY-4)

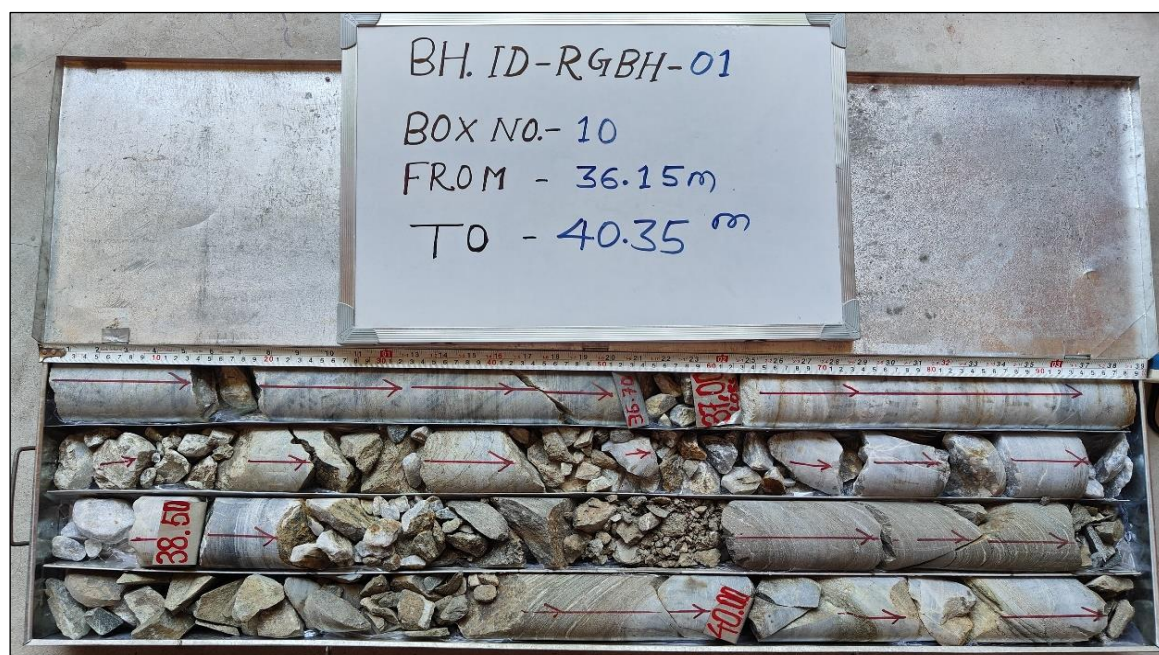




<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 17.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 9</b>
<b>RUN: FROM 24 TO 28</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

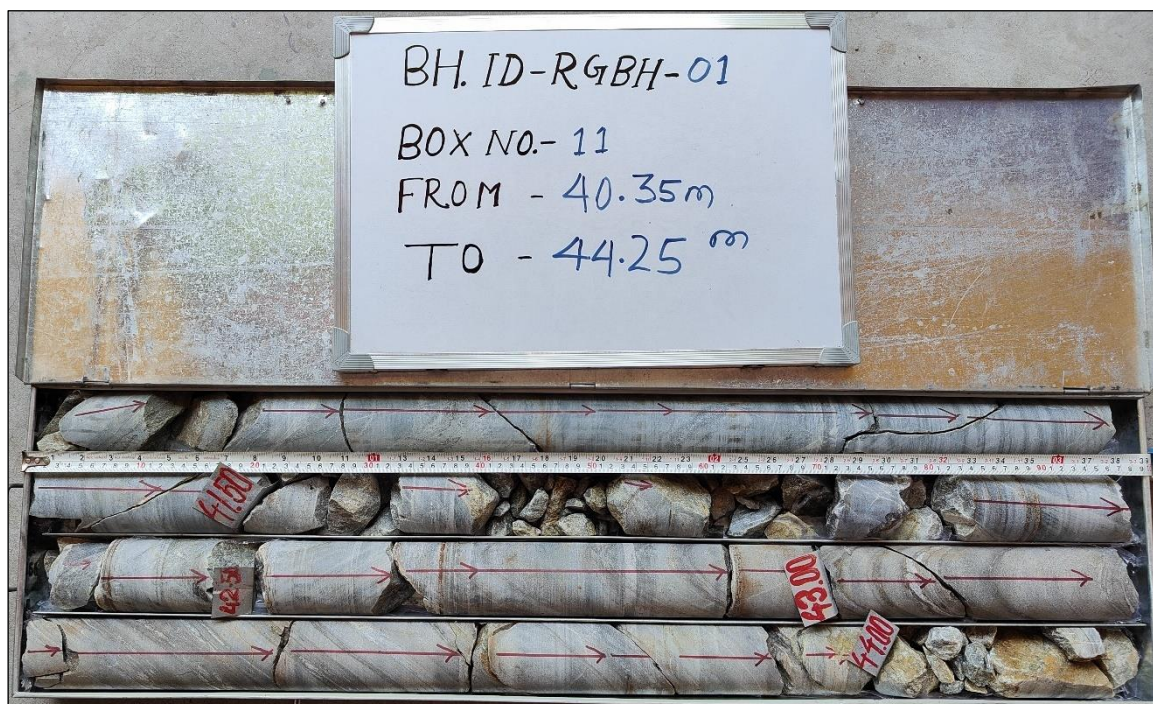


<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 18.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 10</b>
<b>RUN: FROM 28 TO 32</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

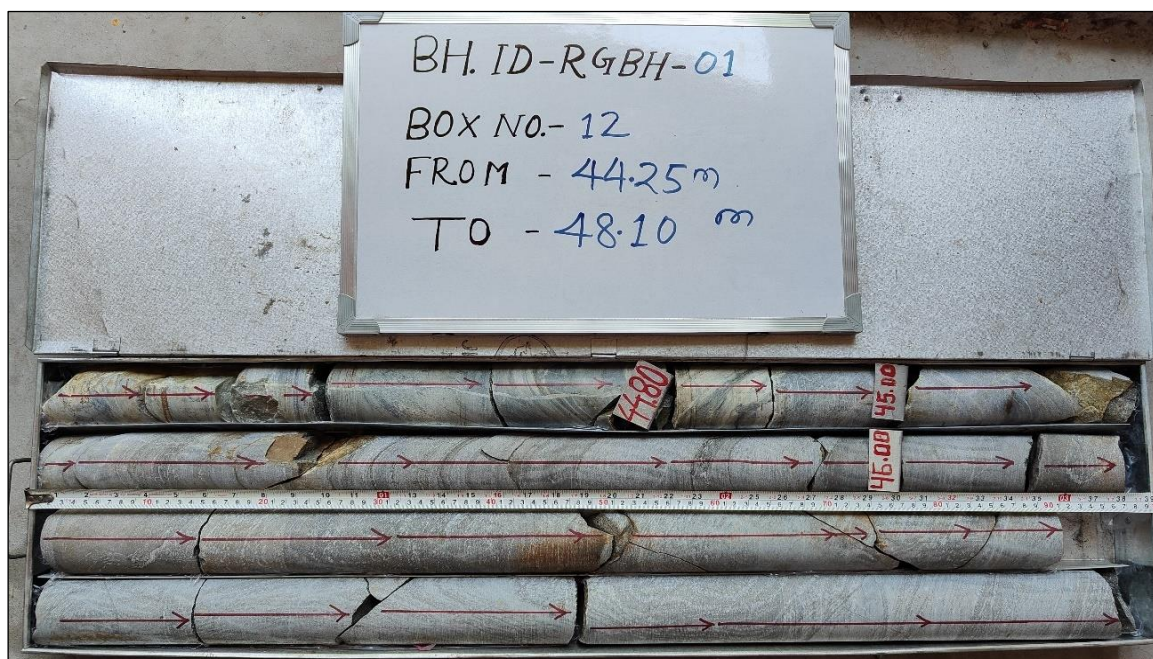




PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block	
F.No. 23/447/2024-NMET/602	DATE: 19.02.2025
BOREHOLE NO: RGBH01	BOX NO. 11
RUN: FROM 32 TO 36	DRILLING UNIT NO.-R-89(XY-4)

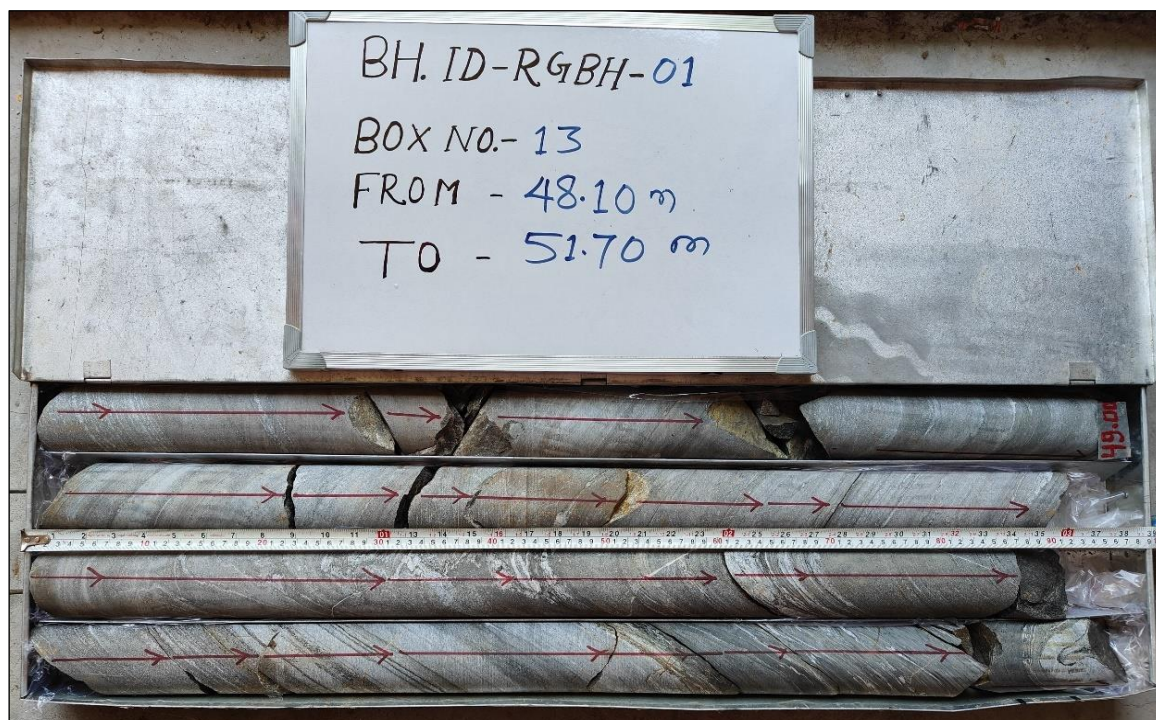


PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block	
F.No. 23/447/2024-NMET/602	DATE: 19.02.2025
BOREHOLE NO: RGBH01	BOX NO. 12
RUN: FROM 36 TO 39	DRILLING UNIT NO.-R-89(XY-4)

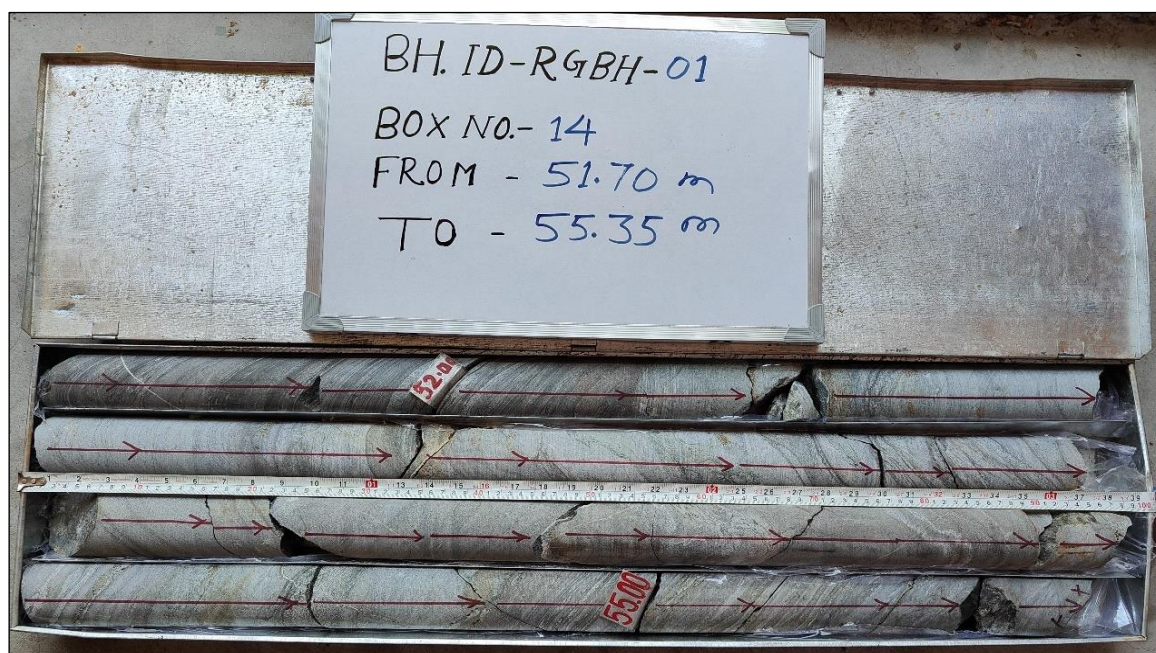




<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 19.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 13</b>
<b>RUN: FROM 39 TO 40</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

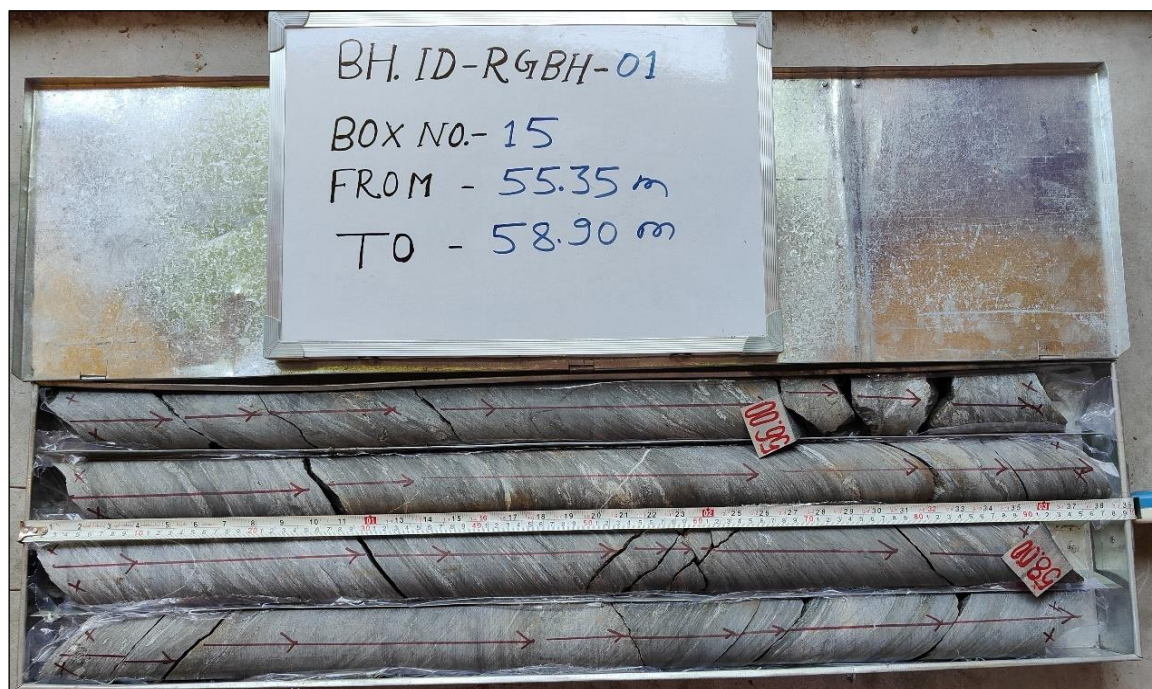


<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 20.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 14</b>
<b>RUN: FROM 40 TO 42</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

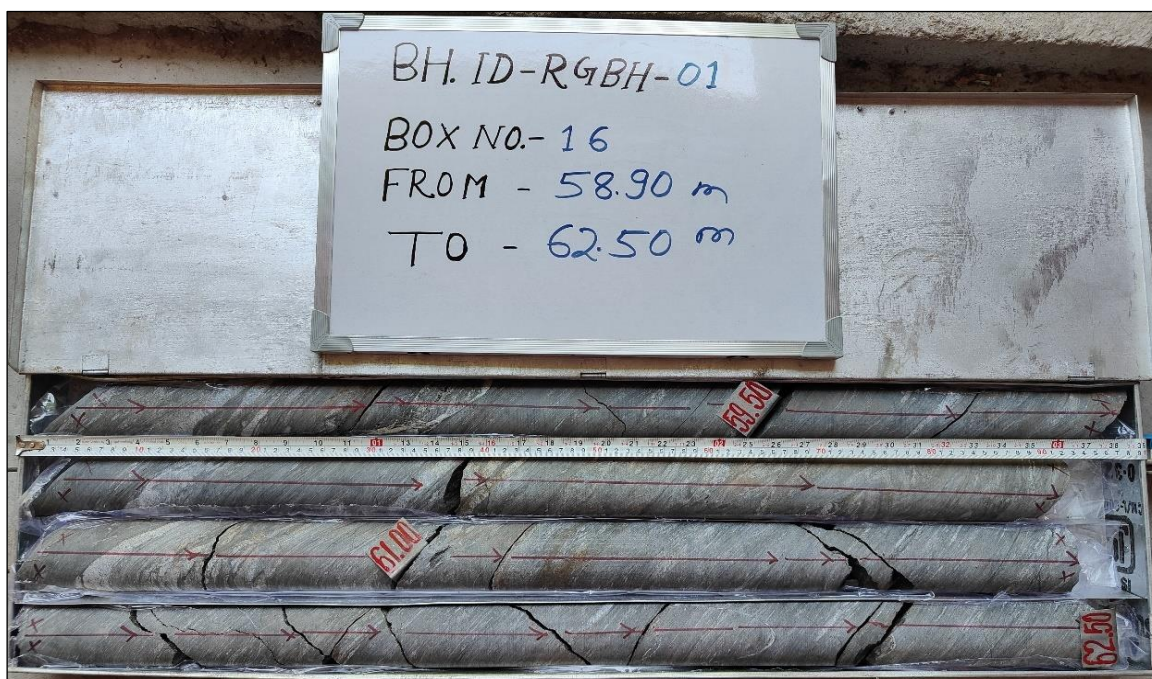




<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 20.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 15</b>
<b>RUN: FROM 42 TO 44</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

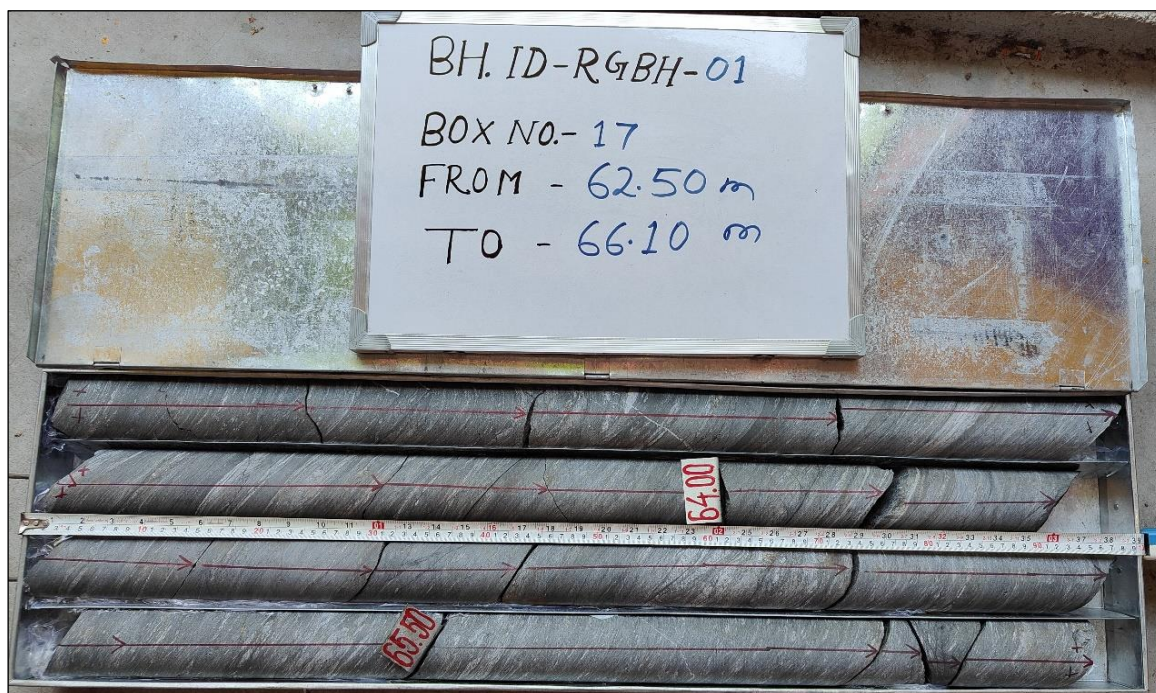


<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 20.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 16</b>
<b>RUN: FROM 44 TO 46</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

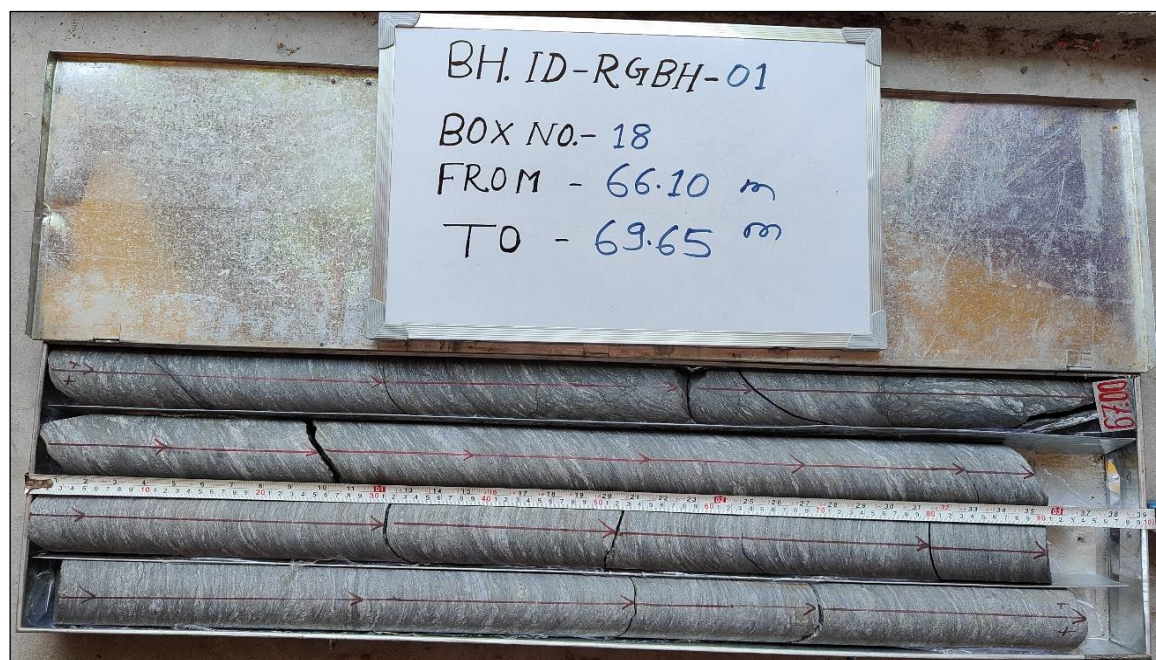




<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 20.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 17</b>
<b>RUN: FROM 47 TO 49</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

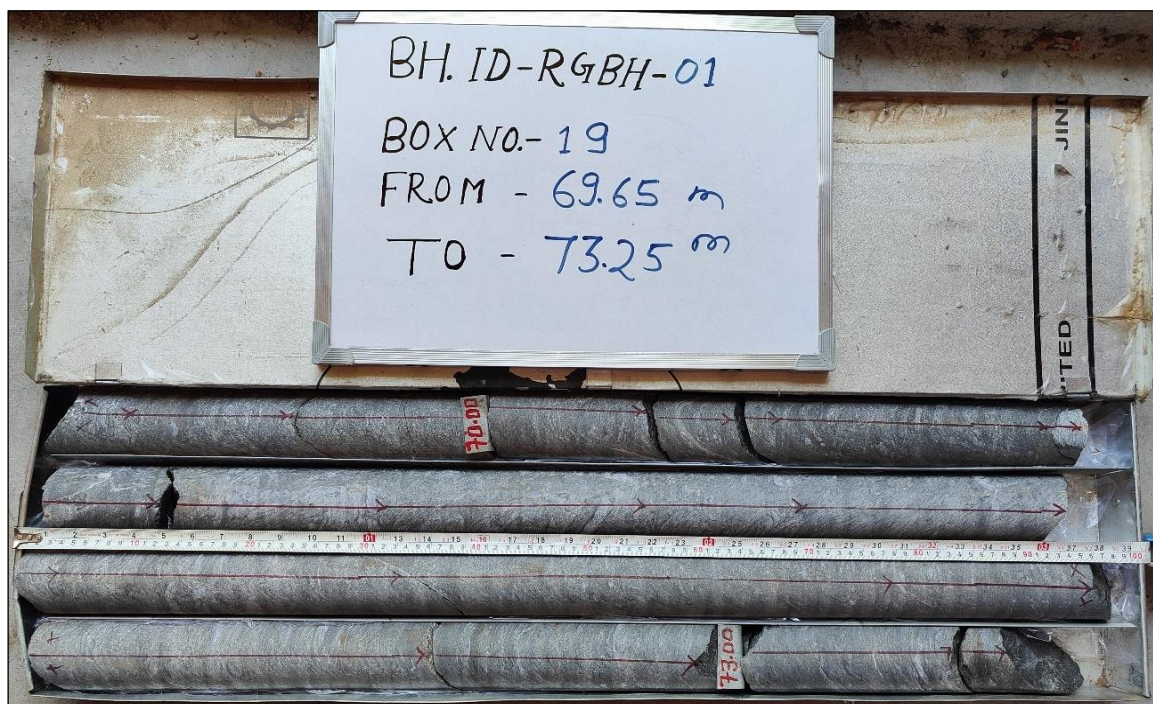


<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 20.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 18</b>
<b>RUN: FROM 49 TO 50</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

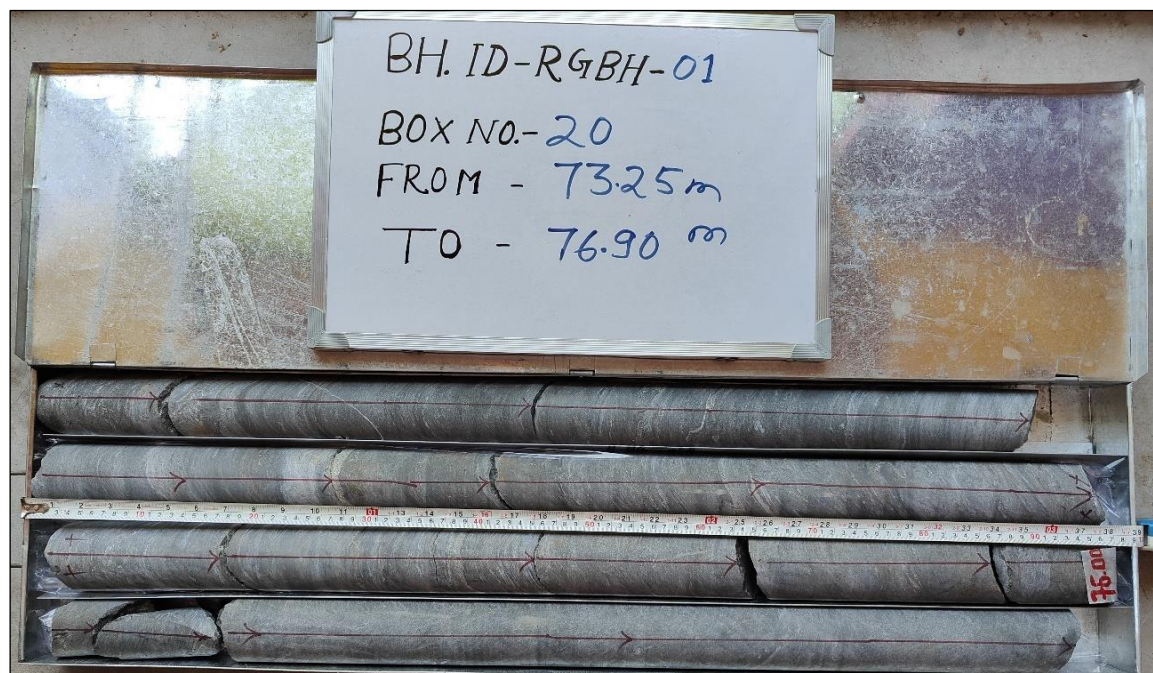




<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 20.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 19</b>
<b>RUN: FROM 50 TO 52</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

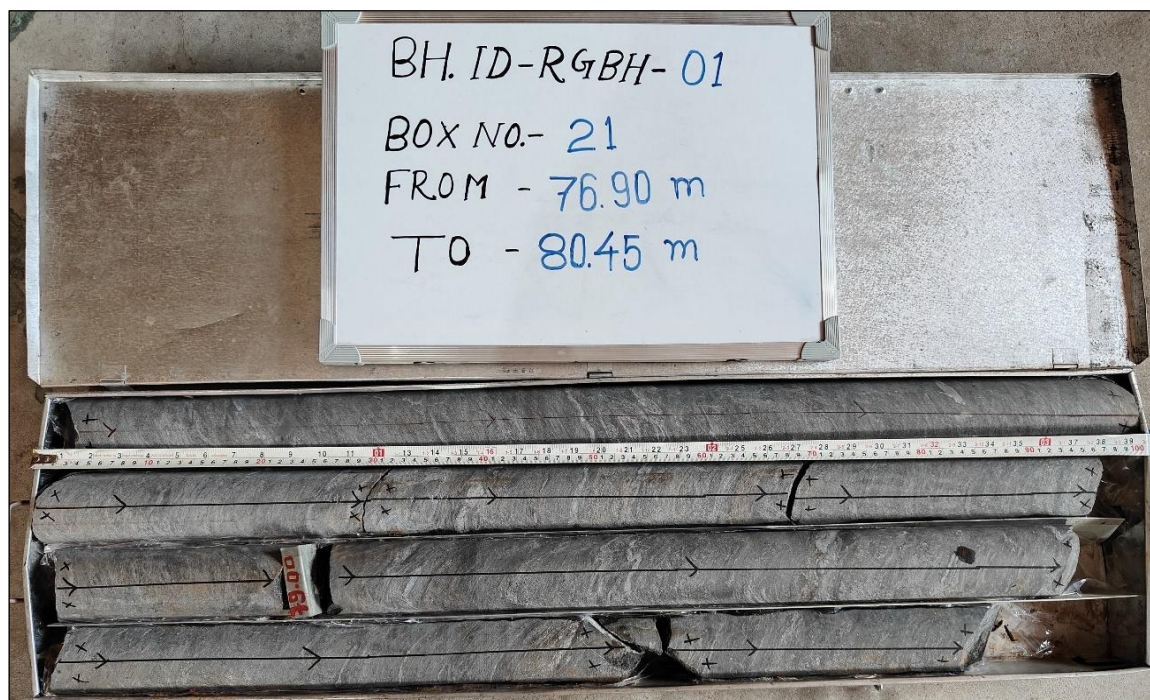


<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 20.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 20</b>
<b>RUN: FROM 52 TO 53</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

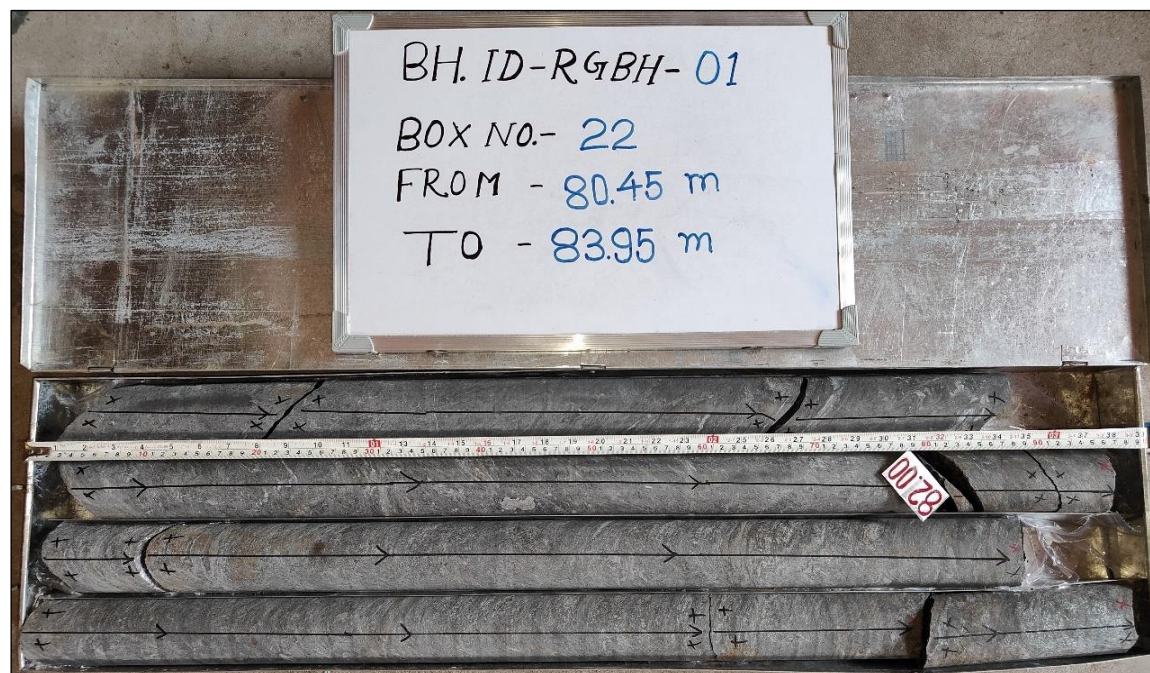




<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
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<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 21</b>
<b>RUN: FROM 53 TO 54</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

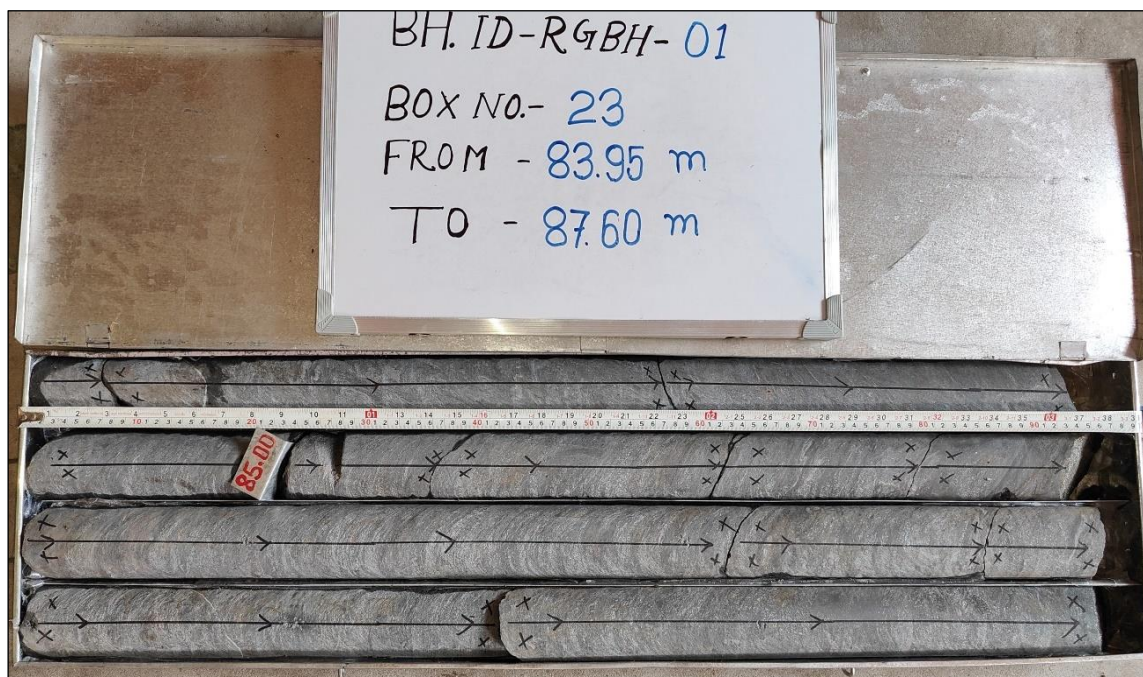


<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 21.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 22</b>
<b>RUN: FROM 54 TO 55</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

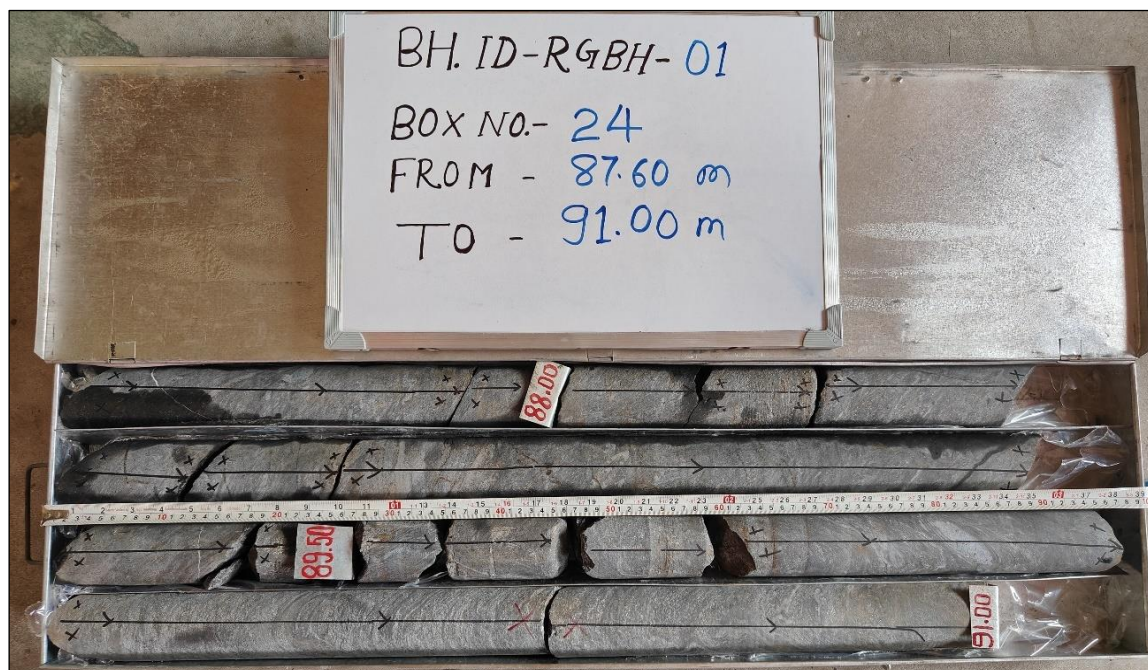




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<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 23</b>
<b>RUN: FROM 55 TO 56</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

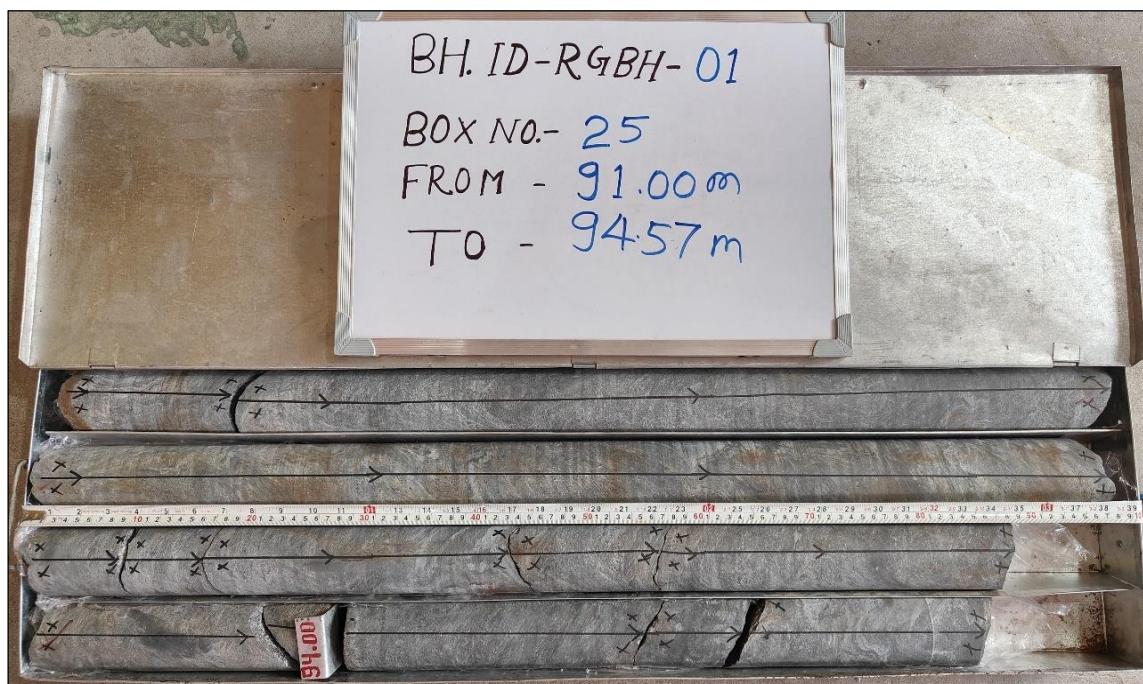


<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 22.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 24</b>
<b>RUN: FROM 56 TO 58</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

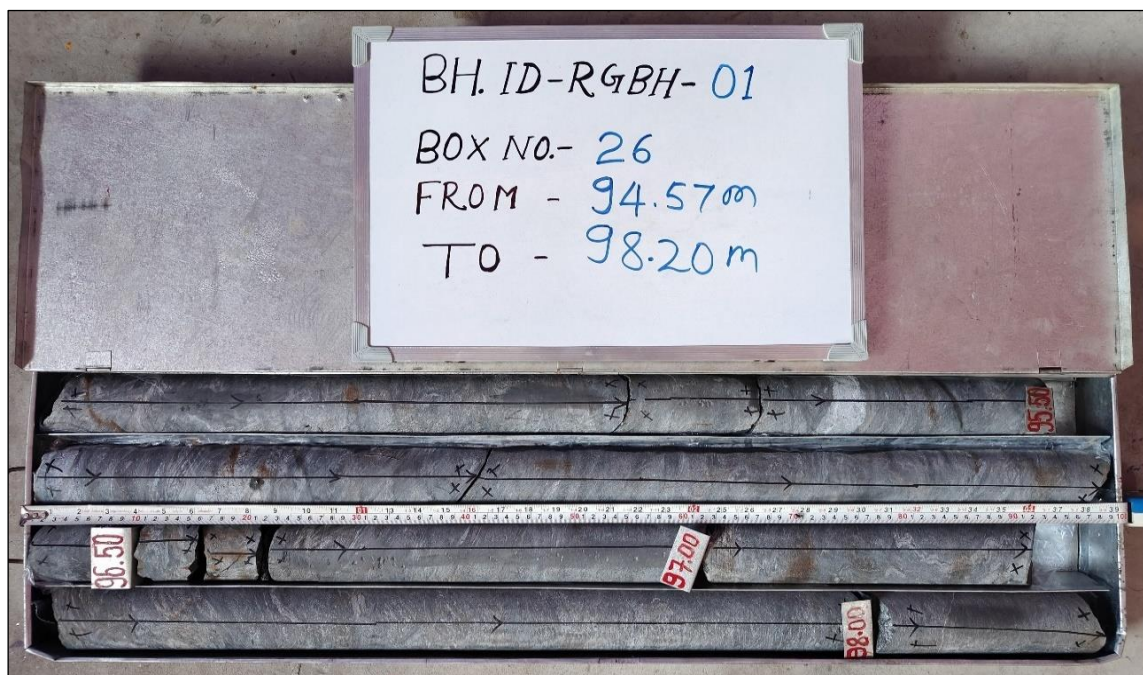




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<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 25</b>
<b>RUN: FROM 59 TO 60</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

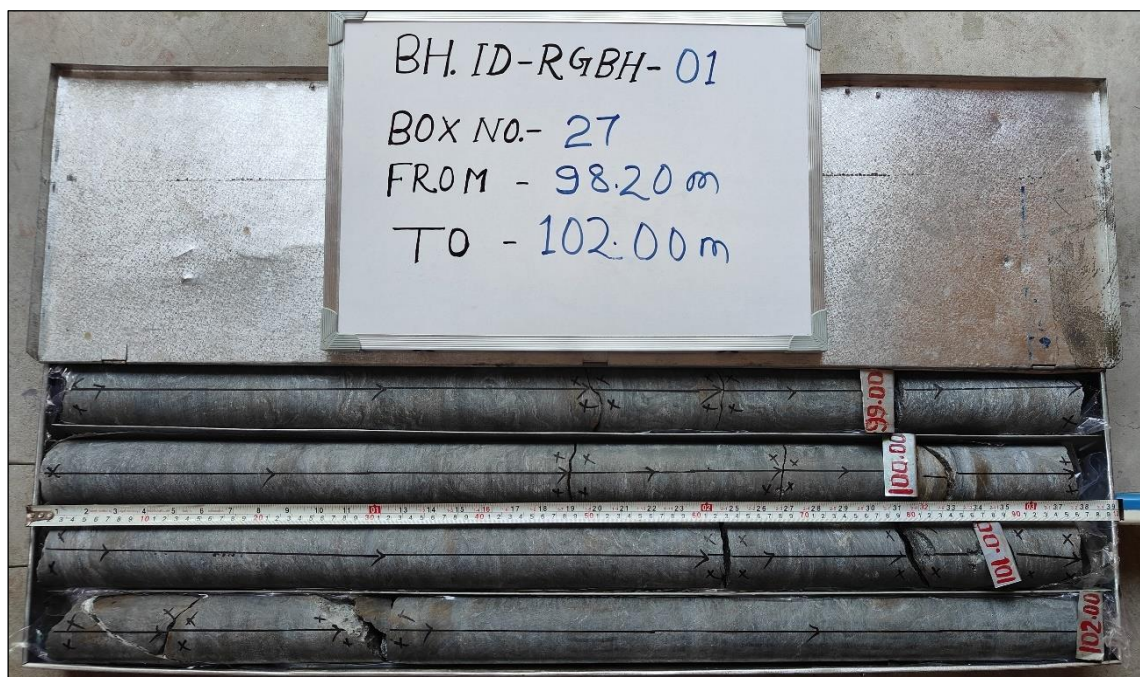


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<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 26</b>
<b>RUN: FROM 61 TO 65</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>

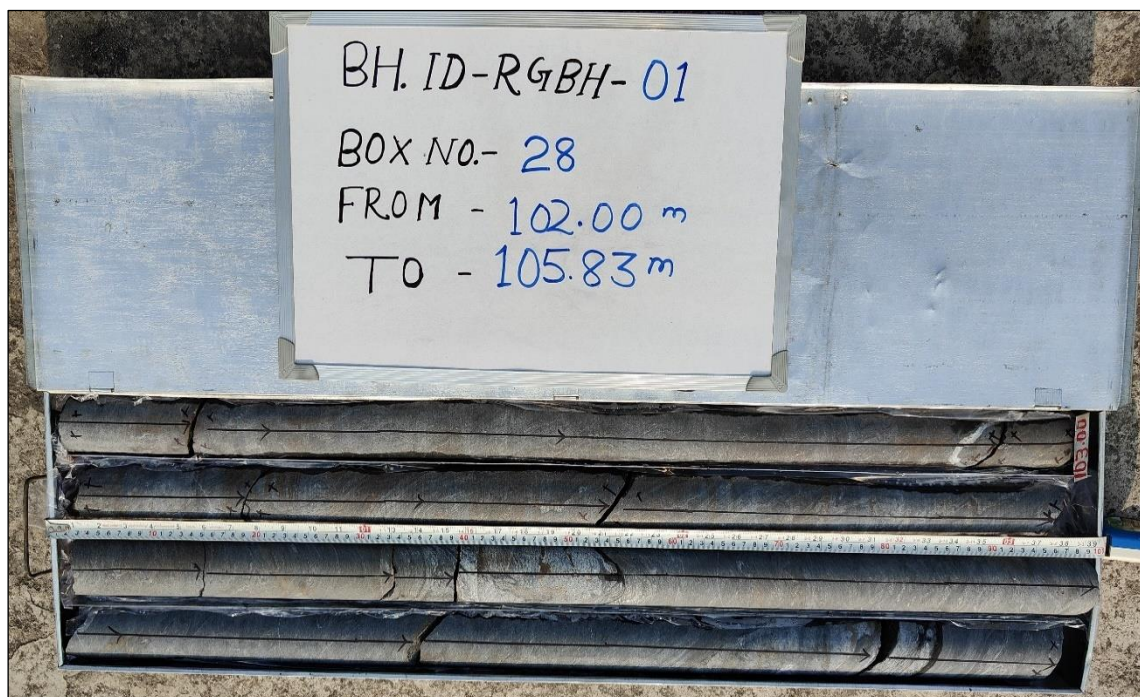




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<b>RUN: FROM 65 TO 68</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>



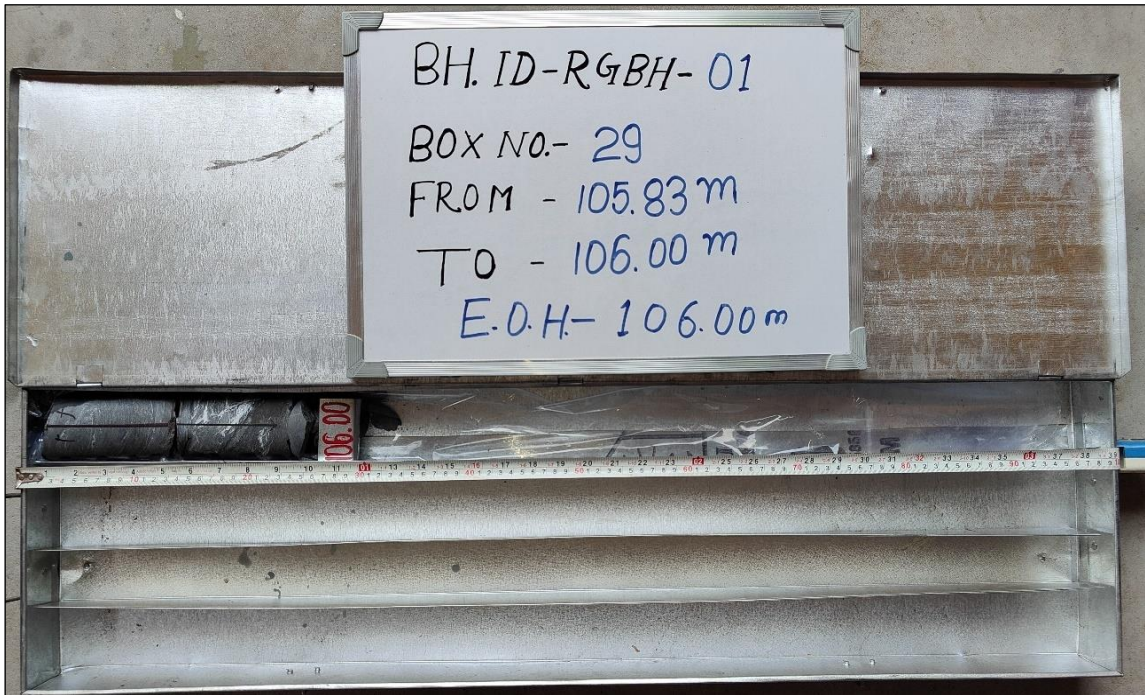
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<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 28</b>
<b>RUN: FROM 69 TO 70</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>





<b>PROJECT TITLE: Reconnaissance survey (G-4 stage) for graphite in Ranibandh block</b>	
<b>F.No. 23/447/2024-NMET/602</b>	<b>DATE: 25.02.2025</b>
<b>BOREHOLE NO: RGBH01</b>	<b>BOX NO. 29</b>
<b>RUN: 70</b>	<b>DRILLING UNIT NO.-R-89(XY-4)</b>



BH. ID- RGBH- 01  
 BOX NO.- 29  
 FROM - 105.83 m  
 TO - 106.00 m  
 E.O.H.- 106.00 m

<b>DATE: 25.02.2025</b>	<b>TRANSFERRED TO: NMET</b>
<b>NO. OF BOXES/PHOTOS: 29</b>	<b>FILE NAME: CP/RGBH01</b>