

**Statement showing comparison of Dolomite Primary Vs External Check Samples of boreholes in Hiwardhara-Ganeshpura (G3) Block, Dist: Yavatmal, Maharashtra**

| Sl.N<br>o. | Primary<br>sample No. | Primary sample analysis |          |                                     |                       |                                     |                      |                                    |                       |                        |          | External check<br>Sample No. | External check sample analysis |          |                                     |                       |                                     |                      |                                    |                       |                        |          | Difference |          |                                     |                       |                                     |                      |                                    |                       |                        |          |
|------------|-----------------------|-------------------------|----------|-------------------------------------|-----------------------|-------------------------------------|----------------------|------------------------------------|-----------------------|------------------------|----------|------------------------------|--------------------------------|----------|-------------------------------------|-----------------------|-------------------------------------|----------------------|------------------------------------|-----------------------|------------------------|----------|------------|----------|-------------------------------------|-----------------------|-------------------------------------|----------------------|------------------------------------|-----------------------|------------------------|----------|
|            |                       | CaO<br>%                | MgO<br>% | Al <sub>2</sub> O <sub>3</sub><br>% | SiO <sub>2</sub><br>% | Fe <sub>2</sub> O <sub>3</sub><br>% | SO <sub>3</sub><br>% | P <sub>2</sub> O <sub>5</sub><br>% | K <sub>2</sub> O<br>% | Na <sub>2</sub> O<br>% | LOI<br>% |                              | CaO<br>%                       | MgO<br>% | Al <sub>2</sub> O <sub>3</sub><br>% | SiO <sub>2</sub><br>% | Fe <sub>2</sub> O <sub>3</sub><br>% | SO <sub>3</sub><br>% | P <sub>2</sub> O <sub>5</sub><br>% | K <sub>2</sub> O<br>% | Na <sub>2</sub> O<br>% | LOI<br>% | CaO<br>%   | MgO<br>% | Al <sub>2</sub> O <sub>3</sub><br>% | SiO <sub>2</sub><br>% | Fe <sub>2</sub> O <sub>3</sub><br>% | SO <sub>3</sub><br>% | P <sub>2</sub> O <sub>5</sub><br>% | K <sub>2</sub> O<br>% | Na <sub>2</sub> O<br>% | LOI<br>% |
| 1          | MHG-01-06             | 29.70                   | 14.19    | 2.53                                | 10.30                 | 0.71                                | 0.069                | 0.05                               | 0.41                  | 0.04                   | 41.76    | HG-ECH-01                    | 26.67                          | 19.94    | 1.56                                | 8.90                  | 0.58                                | 0.07                 | 0.05                               | 0.32                  | 0.10                   | 41.84    | 3.03       | -5.75    | 0.97                                | 1.40                  | 0.13                                | -0.001               | 0.00                               | 0.09                  | -0.06                  | -0.08    |
| 2          | MHG-01-15             | 33.09                   | 16.92    | 0.99                                | 3.27                  | 0.30                                | 0.106                | 0.02                               | 0.14                  | 0.03                   | 44.95    | HG-ECH-02                    | 29.56                          | 21.45    | 0.59                                | 2.62                  | 0.27                                | 0.11                 | 0.02                               | 0.11                  | 0.10                   | 45.29    | 3.53       | -4.53    | 0.40                                | 0.65                  | 0.03                                | -0.004               | 0.00                               | 0.03                  | -0.07                  | -0.34    |
| 3          | MHG-02-03             | 32.76                   | 16.65    | 1.02                                | 4.03                  | 0.34                                | 0.129                | 0.04                               | 0.17                  | 0.04                   | 44.65    | HG-ECH-03                    | 29.73                          | 19.57    | 0.96                                | 3.99                  | 0.32                                | 0.13                 | 0.04                               | 0.15                  | 0.09                   | 44.94    | 3.03       | -2.92    | 0.06                                | 0.04                  | 0.02                                | -0.001               | 0.00                               | 0.02                  | -0.05                  | -0.29    |
| 4          | MHG-03-01             | 33.18                   | 16.41    | 1.21                                | 3.16                  | 0.69                                | 0.020                | 0.05                               | 0.07                  | 0.04                   | 44.98    | HG-ECH-04                    | 31.45                          | 19.54    | 0.81                                | 2.79                  | 0.61                                | 0.01                 | 0.07                               | 0.06                  | 0.08                   | 44.55    | 1.73       | -3.13    | 0.40                                | 0.37                  | 0.08                                | 0.010                | -0.02                              | 0.01                  | -0.04                  | 0.43     |
| 5          | MHG-03-13             | 29.08                   | 17.30    | 1.25                                | 2.46                  | 0.29                                | 0.048                | 0.15                               | 0.22                  | 0.08                   | 49.02    | HG-ECH-05                    | 29.71                          | 21.32    | 0.84                                | 2.00                  | 0.27                                | 0.04                 | 0.16                               | 0.20                  | 0.13                   | 45.42    | -0.63      | -4.02    | 0.41                                | 0.46                  | 0.02                                | 0.008                | -0.01                              | 0.02                  | -0.05                  | 3.60     |
| 6          | MHG-03-23             | 31.34                   | 18.65    | 0.85                                | 1.48                  | 0.24                                | 0.042                | 0.13                               | 0.14                  | 0.06                   | 46.97    | HG-ECH-06                    | 29.82                          | 22.10    | 0.60                                | 1.18                  | 0.22                                | 0.04                 | 0.14                               | 0.12                  | 0.13                   | 45.78    | 1.52       | -3.45    | 0.25                                | 0.30                  | 0.02                                | 0.002                | -0.01                              | 0.02                  | -0.07                  | 1.19     |
| 7          | MHG-05-02             | 33.84                   | 18.01    | 0.48                                | 1.17                  | 0.21                                | 0.033                | 0.06                               | 0.08                  | 0.05                   | 45.91    | HG-ECH-07                    | 31.09                          | 21.37    | 0.30                                | 0.94                  | 0.16                                | 0.03                 | 0.08                               | 0.07                  | 0.10                   | 45.99    | 2.75       | -3.36    | 0.18                                | 0.23                  | 0.05                                | 0.003                | -0.02                              | 0.01                  | -0.05                  | -0.08    |
| 8          | MHG-05-13             | 33.10                   | 19.35    | 0.16                                | 1.41                  | 0.11                                | 0.021                | 0.10                               | 0.01                  | 0.06                   | 45.55    | HG-ECH-08                    | 30.15                          | 22.14    | 0.09                                | 1.46                  | 0.09                                | 0.02                 | 0.09                               | 0.01                  | 0.11                   | 45.95    | 2.95       | -2.79    | 0.07                                | -0.05                 | 0.02                                | 0.001                | 0.01                               | 0.00                  | -0.05                  | -0.40    |
| 9          | MHG-06-04             | 15.22                   | 7.52     | 10.91                               | 35.71                 | 2.41                                | 0.062                | 0.08                               | 2.24                  | 0.07                   | 25.27    | HG-ECH-09                    | 14.90                          | 11.19    | 7.71                                | 36.82                 | 2.22                                | 0.05                 | 0.07                               | 1.91                  | 0.12                   | 24.62    | 0.32       | -3.67    | 3.20                                | -1.11                 | 0.19                                | 0.012                | 0.01                               | 0.33                  | -0.05                  | 0.65     |
| 10         | MHG-06-11             | 29.21                   | 15.85    | 2.60                                | 8.78                  | 0.60                                | 0.250                | 0.04                               | 0.44                  | 0.05                   | 42.05    | HG-ECH-10                    | 28.33                          | 21.07    | 1.65                                | 7.80                  | 0.59                                | 0.27                 | 0.06                               | 0.35                  | 0.11                   | 39.97    | 0.88       | -5.22    | 0.95                                | 0.98                  | 0.01                                | -0.021               | -0.02                              | 0.09                  | -0.06                  | 2.08     |