



Statement showing comparison of Primary Vs External Check Sample of Chemical Analysis for boreholes drilled in Mundra-Chilai (G3) Block, Dist: Yavatmal, Maharashtra

| Sl.N<br>o. | Primary<br>sample No. | Primary sample analysis |          |                                     |                       |                                     |                      |                                    |                       |                       |          | External<br>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><br>O% | 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          | MMC-01-03             | 32.58                   | 19.34    | 0.34                                | 0.79                  | 0.19                                | 0.03                 | 0.04                               | 0.04                  | 0.06                  | 46.39    | MC-ECH-01                       | 30.20                          | 22.02    | 0.24                                | 0.77                  | 0.11                                | 0.04                 | 0.05                               | 0.02                  | 0.08                   | 46.46    | 2.38       | -2.68    | 0.10                                | 0.02                  | 0.08                                | -0.014               | -0.01                              | 0.02                  | -0.02                  | -0.07    |
| 2          | MMC-01-19             | 31.37                   | 18.91    | 0.13                                | 0.27                  | 0.08                                | 0.02                 | 0.03                               | 0.01                  | 0.05                  | 48.96    | MC-ECH-02                       | 30.82                          | 21.83    | 0.15                                | 0.27                  | 0.05                                | 0.02                 | 0.03                               | 0.03                  | 0.10                   | 46.63    | 0.55       | -2.92    | -0.02                               | 0.00                  | 0.03                                | -0.002               | 0.00                               | -0.02                 | -0.05                  | 2.33     |
| 3          | MMC-02-06             | 39.11                   | 9.66     | 1.39                                | 7.55                  | 0.48                                | 0.04                 | 0.07                               | 0.26                  | 0.02                  | 41.21    | MC-ECH-03                       | 37.84                          | 11.17    | 1.13                                | 7.35                  | 0.36                                | 0.02                 | 0.11                               | 0.21                  | 0.08                   | 41.70    | 1.27       | -1.51    | 0.26                                | 0.20                  | 0.12                                | 0.018                | -0.04                              | 0.05                  | -0.06                  | -0.49    |
| 4          | MMC-02-13             | 33.49                   | 19.31    | 0.23                                | 1.26                  | 0.11                                | 0.02                 | 0.07                               | 0.04                  | 0.03                  | 45.28    | MC-ECH-04                       | 30.67                          | 21.51    | 0.18                                | 1.23                  | 0.10                                | 0.02                 | 0.06                               | 0.03                  | 0.09                   | 46.11    | 2.82       | -2.20    | 0.05                                | 0.03                  | 0.01                                | 0.001                | 0.01                               | 0.01                  | -0.06                  | -0.83    |
| 5          | MMC-02-22             | 32.87                   | 19.98    | 0.19                                | 0.68                  | 0.13                                | 0.03                 | 0.08                               | 0.01                  | 0.04                  | 45.83    | MC-ECH-05                       | 31.32                          | 21.09    | 0.15                                | 0.64                  | 0.14                                | 0.03                 | 0.08                               | 0.03                  | 0.11                   | 46.40    | 1.55       | -1.11    | 0.04                                | 0.04                  | -0.01                               | 0.002                | 0.00                               | -0.02                 | -0.07                  | -0.57    |
| 6          | MMC-03-11             | 31.43                   | 18.47    | 1.91                                | 2.88                  | 0.45                                | 0.02                 | 0.18                               | 0.25                  | 0.04                  | 44.14    | MC-ECH-06                       | 28.46                          | 21.12    | 1.72                                | 2.90                  | 0.37                                | 0.01                 | 0.18                               | 0.23                  | 0.08                   | 44.94    | 2.97       | -2.65    | 0.19                                | -0.02                 | 0.08                                | 0.007                | 0.00                               | 0.02                  | -0.04                  | -0.80    |
| 7          | MMC-03-23             | 30.76                   | 16.70    | 1.65                                | 6.25                  | 0.38                                | 0.04                 | 0.04                               | 0.28                  | 0.04                  | 43.64    | MC-ECH-07                       | 28.19                          | 19.66    | 1.43                                | 6.13                  | 0.32                                | 0.06                 | 0.06                               | 0.25                  | 0.08                   | 43.83    | 2.57       | -2.96    | 0.22                                | 0.12                  | 0.06                                | -0.021               | -0.02                              | 0.03                  | -0.04                  | -0.19    |
| 8          | MMC-05-09             | 34.21                   | 18.77    | 0.11                                | 0.28                  | 0.10                                | 0.03                 | 0.02                               | 0.01                  | 0.06                  | 46.22    | MC-ECH-08                       | 30.85                          | 21.86    | 0.09                                | 0.28                  | 0.11                                | 0.03                 | 0.02                               | 0.04                  | 0.08                   | 46.65    | 3.36       | -3.09    | 0.02                                | 0.00                  | -0.01                               | -0.005               | 0.00                               | -0.03                 | -0.02                  | -0.43    |
| 9          | MMC-05-16             | 33.77                   | 18.34    | 0.40                                | 0.73                  | 0.19                                | 0.02                 | 0.06                               | 0.06                  | 0.04                  | 46.19    | MC-ECH-09                       | 29.67                          | 22.52    | 0.36                                | 0.70                  | 0.11                                | 0.01                 | 0.04                               | 0.05                  | 0.12                   | 46.41    | 4.10       | -4.18    | 0.04                                | 0.03                  | 0.08                                | 0.006                | 0.02                               | 0.01                  | -0.08                  | -0.22    |
| 10         | MMC-05-24             | 32.61                   | 17.31    | 1.36                                | 2.45                  | 0.37                                | 0.03                 | 0.11                               | 0.23                  | 0.04                  | 45.26    | MC-ECH-10                       | 29.24                          | 21.04    | 1.17                                | 2.32                  | 0.31                                | 0.06                 | 0.12                               | 0.09                  | 0.11                   | 45.52    | 3.37       | -3.73    | 0.19                                | 0.13                  | 0.06                                | -0.029               | -0.01                              | 0.14                  | -0.08                  | -0.26    |