

BOREHOLE WISE DETAILED LITHOLOGS OF REVURU BLOCK, DISTRICT: SURYAPET, TELANGANA

BOREHOLE NO. MRB-01

Northing: 1858357.769

Easting: 391945.325

R.L.(m): 94.463

Angle of Borehole: Vertical

Date of Commencement: 30.12.2025

Date of Closure: 05.01.2026

BH Depth(m): 50.00

Core size: NQ

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|-------------------------|---------------|-------------------------------|---------------|
| FROM | TO | THICK. | | | | | | | | | |
| 0.00 | 1.50 | 1.50 | 0.60 | 40 | 1.50 | 1.50 | | Soil | Black | | |
| 1.50 | 3.00 | 1.50 | 0.50 | 33 | 1.50 | 3.00 | | Soil | Black | | |
| 3.00 | 4.50 | 1.50 | 0.70 | 47 | 1.50 | 4.50 | | Soil | Black | | |
| 4.50 | 6.00 | 1.50 | 0.90 | 60 | 1.50 | 6.00 | | Soil | Black | | |
| 6.00 | 7.50 | 1.50 | 0.30 | 67 | 0.45 | 6.45 | 20 | Soil | Black | | |
| | | | 0.50 | | 0.75 | 7.20 | | Kankar/Clayey Limestone | Pale Brown | | W/M |
| | | | 0.20 | | 0.30 | 7.50 | | Limestone | Grayish white | | |
| 7.50 | 9.00 | 1.50 | 1.50 | 100 | 1.50 | 9.00 | 92 | Limestone | Grayish white | | Pyrite at top |
| 9.00 | 12.00 | 3.00 | 1.00 | 100 | 1.00 | 10.00 | 77 | Limestone | Grayish white | | Clay Band |
| | | | 1.00 | | 1.00 | 11.00 | | Limestone | Grayish white | | Clay Band |
| | | | 1.00 | | 1.00 | 12.00 | | Limestone | Grayish white | | |
| 12.00 | 15.00 | 3.00 | 1.00 | 100 | 1.00 | 13.00 | 76 | Limestone | White | | |
| | | | 1.00 | | 1.00 | 14.00 | | Limestone | White | | |
| | | | 1.00 | | 1.00 | 15.00 | | Limestone | Grayish white | | |
| 15.00 | 18.00 | 3.00 | 1.00 | 100 | 1.00 | 16.00 | 80 | Limestone | White | | |
| | | | 1.00 | | 1.00 | 17.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 18.00 | | Limestone | Grayish white | Stylolite | |
| 18.00 | 21.00 | 3.00 | 1.00 | 100 | 1.00 | 19.00 | 89 | Limestone | Grayish white | Stylolite | |
| | | | 1.00 | | 1.00 | 20.00 | | Limestone | White | Slickensides | |
| | | | 1.00 | | 1.00 | 21.00 | | Limestone | White | | |
| 21.00 | 24.00 | 3.00 | 1.00 | 100 | 1.00 | 22.00 | 86 | Limestone | White | | |
| | | | 1.00 | | 1.00 | 23.00 | | Limestone | White | | |
| | | | 1.00 | | 1.00 | 24.00 | | Limestone | White | Slickensides | |

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|-----------|----------------|-------------------------------|--|
| FROM | TO | THICK. | | | | | | | | | |
| 24.00 | 27.00 | 3.00 | 1.00 | 100 | 1.00 | 25.00 | 67 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 26.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 27.00 | | Limestone | Grayish white | | |
| 27.00 | 30.00 | 3.00 | 1.00 | 100 | 1.00 | 28.00 | 80 | Limestone | Dark grey | | |
| | | | 1.00 | | 1.00 | 29.00 | | Limestone | Dark grey | | |
| | | | 1.00 | | 1.00 | 30.00 | | Limestone | White | | Clay band |
| 30.00 | 33.00 | 3.00 | 1.00 | 100 | 1.00 | 31.00 | 77 | Limestone | Greenish Grey | Stylolites | Shale grey band |
| | | | 1.00 | | 1.00 | 32.00 | | Limestone | Greenish Grey | | |
| | | | 1.00 | | 1.00 | 33.00 | | Limestone | Greenish Grey | Slickensides | |
| 33.00 | 36.00 | 3.00 | 1.00 | 100 | 1.00 | 34.00 | 73 | Limestone | Greenish Grey | | |
| | | | 1.00 | | 1.00 | 35.00 | | Limestone | Grayish white | Slickensides | shale band |
| | | | 1.00 | | 1.00 | 36.00 | | Limestone | Grayish white | | Shale band |
| 36.00 | 39.00 | 3.00 | 1.00 | 100 | 1.00 | 37.00 | 86 | Limestone | White | Stylolites | Pyrite |
| | | | 1.00 | | 1.00 | 38.00 | | Limestone | White | | Clay band and Greenish grey Pyrite cryst |
| | | | 1.00 | | 1.00 | 39.00 | | Limestone | White | | |
| 39.00 | 42.00 | 3.00 | 1.00 | 100 | 1.00 | 40.00 | 88 | Limestone | Grayish white | | Calcite Clast and Shale bands |
| | | | 1.00 | | 1.00 | 41.00 | | Limestone | Grayish white | | Calcite Clast and Shale bands |
| | | | 1.00 | | 1.00 | 42.00 | | Limestone | Grayish white | | Shale bands |
| 42.00 | 45.00 | 3.00 | 1.00 | 100 | 1.00 | 43.00 | 75 | Limestone | White | | Shale bands |
| | | | 1.00 | | 1.00 | 44.00 | | Limestone | White | Stylolites | Shale bands |
| | | | 1.00 | | 1.00 | 45.00 | | Limestone | White | | Calcite clast and shale bands |
| 45.00 | 48.00 | 3.00 | 1.00 | 100 | 1.00 | 46.00 | 69 | Limestone | Brownish white | | Vertical Fracture and shale bands |
| | | | 1.00 | | 1.00 | 47.00 | | Limestone | Grayish white | | Shale bands |
| | | | 1.00 | | 1.00 | 48.00 | | Limestone | Grayish white | | Shale bands |
| 48.00 | 50.00 | 2.00 | 1.00 | 85.00 | 1.18 | 49.18 | 79.50 | Limestone | Grayish white | | Pyrite |
| | | | 0.70 | | 0.82 | 50.00 | | Limestone | White | | Pyrite |

**BOREHOLE NO. MRB-02**

Northing: 1859245.031

Easting: 391108.613

R.L.(m): 96.597

Angle of Borehole: Vertical

Date of Commencement: 02.01.2026

Date of Closure: 13.01.2026

Total Depth(m): 50.00

Core size: NQ

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|-----------|---------------|-------------------------------|-----------------|
| FROM | TO | THICK. | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | Nil | Nil | | 3.00 | | Soil | Black | | |
| 3.00 | 6.00 | 3.00 | Nil | | | 6.00 | | Soil | Black | | |
| 6.00 | 9.00 | 3.00 | 0.70 | | 1.88 | 7.88 | | Limestone | Grayish white | | Loose and broen |
| | | | 0.42 | 37.33 | 1.13 | 9.00 | | Limestone | Grayish white | | |
| 9.00 | 12.00 | 3.00 | 0.90 | | 0.99 | 9.99 | | Limestone | Grayish white | | |
| | | | 0.90 | | 0.99 | 10.99 | | Limestone | Grayish white | | |
| | | | 0.92 | 90.67 | 1.01 | 12.00 | 22.67 | Limestone | Grayish white | | |
| 12.00 | 15.00 | 3.00 | 1.00 | 96.67 | 1.03 | 13.03 | 26.33 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.03 | 14.07 | | Limestone | Grayish white | | |
| | | | 0.90 | | 0.93 | 15.00 | | Limestone | Grayish white | | |
| 15.00 | 18.00 | 3.00 | 1.00 | 100 | 1.00 | 16.00 | 53.67 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 17.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 18.00 | | Limestone | Grayish white | | |
| 18.00 | 21.00 | 3.00 | 1.00 | 100 | 1.00 | 19.00 | 20.33 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 20.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 21.00 | | Limestone | Grayish white | | |
| 21.00 | 24.00 | 3.00 | 1.00 | 100 | 1.00 | 22.00 | 37.67 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 23.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 24.00 | | Limestone | Grayish white | | |
| 24.00 | 27.00 | 3.00 | 1.00 | 100 | 1.00 | 25.00 | 51.00 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 26.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 27.00 | | Limestone | Grayish white | | Calcite clast |
| 27.00 | 30.00 | 3.00 | 1.00 | 100 | 1.00 | 28.00 | 72.67 | Limestone | Grayish white | | Calcite clast |
| | | | 1.00 | | 1.00 | 29.00 | | Limestone | Grayish white | | Calcite clast |
| | | | 1.00 | | 1.00 | 30.00 | | Limestone | Grayish white | | Calcite clast |
| 30.00 | 33.00 | 3.00 | 1.00 | 100 | 1.00 | 31.00 | 77.67 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 32.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 33.00 | | Limestone | Grayish white | | |

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|-----------|---------------|-------------------------------|---------|
| FROM | TO | THICK. | | | | | | | | | |
| 33.00 | 36.00 | 3.00 | 1.00 | 100 | 1.00 | 34.00 | 66.33 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 35.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 36.00 | | Limestone | Grayish white | | |
| 36.00 | 39.00 | 3.00 | 1.00 | 100 | 1.00 | 37.00 | 48.33 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 38.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 39.00 | | Limestone | Grayish white | | |
| 39.00 | 42.00 | 3.00 | 1.00 | 100 | 1.00 | 40.00 | 31.00 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 41.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 42.00 | | Limestone | Grayish white | | |
| 42.00 | 45.00 | 3.00 | 1.00 | 100 | 1.00 | 43.00 | 73.67 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 44.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 45.00 | | Limestone | Grayish white | | |
| 45.00 | 48.00 | 3.00 | 1.00 | 100 | 1.00 | 46.00 | 45.67 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 47.00 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 48.00 | | Limestone | Grayish white | | |
| 48.00 | 50.00 | 2.00 | 1.00 | 100 | 1.00 | 49.00 | 62.00 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.00 | 50.00 | | Limestone | Grayish white | | |

**BOREHOLE NO. MRB-03**

Northing: 1859161.519

Easting: 390160.168

R.L.(m): 101.009

Angle of Borehole: Vertical

Date of Commencement: 14.01.2026

Date of Closure: 23.01.2026

Total Depth(m): 50.00

Core size: NQ

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK-NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------|--------|---------------------|-----------------|-------|---------------------|-----------------|----------------------------|------------------|
| FROM | TO | THICK. | | | | | | | | | |
| 0.00 | 1.50 | 1.50 | 0.50 | 33.33 | 1.50 | 1.50 | | Soil | Black | | |
| 1.50 | 3.00 | 1.50 | 0.50 | 33.33 | 1.50 | 3.00 | | Soil | Black | | |
| 3.00 | 6.00 | 3.00 | 1.00 | 33.33 | 3.00 | 6.00 | | Soil | Black | | |
| 6.00 | 9.00 | 3.00 | 1.00 | 33.33 | 3.00 | 9.00 | | Soil with kankar | Brown | | |
| 9.00 | 12.00 | 3.00 | 0.60 | 36.67 | 1.64 | 10.64 | | Kankar soil | Yellowish white | | |
| | | | 0.50 | | 1.36 | 12.00 | | Limestone with clay | Pale grey | | |
| 12.00 | 15.00 | 3.00 | 1.00 | 33.33 | 3.00 | 15.00 | | Limestone with clay | Pale grey | | Kankar at places |
| 15.00 | 18.00 | 3.00 | 1.00 | 33.33 | 3.00 | 18.00 | | Limestone with clay | Grayish white | | Kankar at places |
| 18.00 | 21.00 | 3.00 | 0.20 | 66.67 | 0.30 | 18.30 | 29.33 | Limestone with clay | Grayish white | | |
| | | | 0.80 | | 1.20 | 19.50 | | Limestone | Grayish white | | |
| | | | 1.00 | | 1.50 | 21.00 | | Limestone | Grayish white | | |
| 21.00 | 24.00 | 3.00 | 0.85 | 86.67 | 0.98 | 21.98 | 6.00 | Limestone | Grayish white | | Broken |
| | | | 0.85 | | 0.98 | 22.96 | | Limestone | Grayish white | | Broken |
| | | | 0.90 | | 1.04 | 24.00 | | Limestone | Grayish white | | Broken |
| 24.00 | 27.00 | 3.00 | 0.90 | 90.00 | 1.00 | 25.00 | 14.00 | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 26.00 | | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 27.00 | | Limestone | Grayish white | | |
| 27.00 | 30.00 | 3.00 | 0.90 | 90.00 | 1.00 | 28.00 | 35.67 | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 29.00 | | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 30.00 | | Limestone | Grayish white | Vertical fracture | |
| 30.00 | 33.00 | 3.00 | 0.90 | 86.67 | 1.04 | 31.04 | 40.33 | Limestone | Grayish white | | |
| | | | 0.85 | | 0.98 | 32.02 | | Limestone | Grayish white | | |
| | | | 0.85 | | 0.98 | 33.00 | | Limestone | Grayish white | | |
| 33.00 | 36.00 | 3.00 | 0.80 | 80.00 | 1.00 | 34.00 | 6.67 | Limestone with clay | Yellowish grey | | |
| | | | 0.80 | | 1.00 | 35.00 | | Limestone with clay | Yellowish grey | | |
| | | | 0.80 | | 1.00 | 36.00 | | Limestone with clay | Yellowish grey | | |

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|---------------------|-----------------|-------------------------------|---------------|
| FROM | TO | THICK. | | | | | | | | | |
| 36.00 | 39.00 | 3.00 | 0.90 | 90.00 | 1.00 | 37.00 | 30.67 | Limestone with clay | Yellowish grey | | |
| | | | 0.90 | | 1.00 | 38.00 | | Limestone with clay | Yellowish grey | Vertical fracture | Silica band |
| | | | 0.90 | | 1.00 | 39.00 | | Limestone with clay | Yellowish grey | | |
| 39.00 | 42.00 | 3.00 | 0.80 | 83.33 | 0.96 | 39.96 | 32.00 | Limestone with clay | Yellowish grey | Vertical fracture | |
| | | | 0.80 | | 0.96 | 40.92 | | Limestone with clay | Yellowish grey | | |
| | | | 0.90 | | 1.08 | 42.00 | | Limestone | Grayish white | | |
| 42.00 | 45.00 | 3.00 | 0.70 | 76.67 | 0.91 | 42.91 | 22.67 | Limestone | Grayish white | | |
| | | | 0.80 | | 1.04 | 43.96 | | Limestone | Grayish white | Vertical fracture | Silica band |
| | | | 0.80 | | 1.04 | 45.00 | | Limestone | Grayish white | | |
| 45.00 | 48.00 | 3.00 | 0.90 | 90.00 | 1.00 | 46.00 | 33.33 | Limestone with clay | Yellowish grey | | |
| | | | 0.90 | | 1.00 | 47.00 | | Limestone with clay | Yellowish white | | Calcite clast |
| | | | 0.60 | | 0.67 | 47.67 | | Limestone with clay | Yellowish grey | | Calcite clast |
| | | | 0.30 | 90.00 | 0.33 | 48.00 | 38.50 | Limestone with clay | Grayish white | | |
| 48.00 | 50.00 | 2.00 | 0.90 | | 1.00 | 49.00 | | Limestone | Grayish white | | Calcite clast |
| | | | 0.90 | | 1.00 | 50.00 | | Limestone | Grayish white | | Calcite clast |

**BOREHOLE NO. MRB-04**

Northing: 1858243.668
 Easting: 391059.999
 R.L.(m): 99.362
 Angle of Borehole: Vertical

Date of Commencement: 17.01.2026
 Date of Closure: 27.01.2026
 Total Depth(m): 50.00
 Core size: NQ

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|-----------|---------------|-------------------------------|---------|
| FROM | TO | THICK. | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | | | 3.00 | 3.00 | | Soil | Black | | |
| 3.00 | 6.00 | 3.00 | | | 3.00 | 6.00 | | Sludge | Grayish white | | |
| 6.00 | 9.00 | 3.00 | | | 3.00 | 9.00 | | Sludge | Grayish white | | |
| 9.00 | 12.00 | 3.00 | | | 3.00 | 12.00 | | Sludge | Grayish white | | |
| 12.00 | 15.00 | 3.00 | 0.83 | 83.33 | 1.00 | 13.00 | 68.67 | Limestone | Grayish white | | |
| | | | 0.83 | | 1.00 | 14.00 | | Limestone | Grayish white | | |
| | | | 0.84 | | 1.00 | 15.00 | | Limestone | Grayish white | | |
| 15.00 | 18.00 | 3.00 | 1.00 | 93.33 | 1.07 | 16.07 | 81.67 | Limestone | Grayish white | | |
| | | | 1.00 | | 1.07 | 17.14 | | Limestone | Grayish white | | |
| | | | 0.80 | | 0.86 | 18.00 | | Limestone | Grayish white | | |
| 18.00 | 21.00 | 3.00 | 0.83 | 83.33 | 1.00 | 19.00 | 50.33 | Limestone | Grayish white | | |
| | | | 0.83 | | 1.00 | 20.00 | | Limestone | Grayish white | | Broken |
| | | | 0.84 | | 1.00 | 21.00 | | Limestone | Grayish white | | |
| 21.00 | 24.00 | 3.00 | 0.90 | 90.00 | 1.00 | 22.00 | 64.33 | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 23.00 | | Limestone | Grayish white | | Broken |
| | | | 0.90 | | 1.00 | 24.00 | | Limestone | Grayish white | | |
| 24.00 | 27.00 | 3.00 | 0.90 | 91.67 | 0.98 | 24.98 | 68.67 | Limestone | White | | |
| | | | 0.90 | | 0.98 | 25.96 | | Limestone | White | | |
| | | | 0.95 | | 1.04 | 27.00 | | Limestone | White | | |
| 27.00 | 30.00 | 3.00 | 0.90 | 90.00 | 1.00 | 28.00 | 53.33 | Limestone | White | | |
| | | | 0.90 | | 1.00 | 29.00 | | Limestone | White | | |
| | | | 0.90 | | 1.00 | 30.00 | | Limestone | White | | |
| 30.00 | 33.00 | 3.00 | 0.90 | 91.67 | 0.98 | 30.98 | 85.33 | Limestone | White | | |
| | | | 0.90 | | 0.98 | 31.96 | | Limestone | White | | |
| | | | 0.95 | | 1.04 | 33.00 | | Limestone | White | | |

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|-----------|---------------|-------------------------------|---------------|
| FROM | TO | THICK. | | | | | | | | | |
| 33.00 | 36.00 | 3.00 | 0.90 | 91.67 | 0.98 | 33.98 | 83.67 | Limestone | Grayish white | | |
| | | | 0.90 | | 0.98 | 34.96 | | Limestone | Grayish white | | |
| | | | 0.95 | | 1.04 | 36.00 | | Limestone | Grayish white | | |
| 36.00 | 39.00 | 3.00 | 0.90 | 91.67 | 0.98 | 36.98 | 79.00 | Limestone | Grayish white | | Calcite clast |
| | | | 0.90 | | 0.98 | 37.96 | | Limestone | Grayish white | | Calcite clast |
| | | | 0.95 | | 1.04 | 39.00 | | Limestone | Grayish white | | Calcite clast |
| 39.00 | 42.00 | 3.00 | 0.90 | 91.67 | 0.98 | 39.98 | 79.00 | Limestone | Grayish white | | |
| | | | 0.90 | | 0.98 | 40.96 | | Limestone | Grayish white | | |
| | | | 0.95 | | 1.04 | 42.00 | | Limestone | Grayish white | | Calcite clast |
| 42.00 | 45.00 | 3.00 | 0.90 | 91.67 | 0.98 | 42.98 | 37.00 | Limestone | Grayish white | | |
| | | | 0.90 | | 0.98 | 43.96 | | Limestone | Grayish white | | |
| | | | 0.95 | | 1.04 | 45.00 | | Limestone | Grayish white | | |
| 45.00 | 48.00 | 3.00 | 0.90 | 93.33 | 0.96 | 45.96 | 64.33 | Limestone | Grayish white | | |
| | | | 0.90 | | 0.96 | 46.93 | | Limestone | Grayish white | | Calcite clast |
| | | | 1.00 | | 1.07 | 48.00 | | Limestone | Grayish white | | Calcite clast |
| 48.00 | 50.00 | 2.00 | 0.85 | 85 | 1.00 | 49.00 | 51.00 | Limestone | Grayish white | | |
| | | | 0.85 | | 1.00 | 50.00 | | Limestone | Grayish white | | |

**BOREHOLE NO. MRB-05**

Northing: 1859326.911

Easting: 392117.994

R.L.(m): 92.867

Angle of Borehole: Vertical

Date of Commencement: 18.01.2026

Date of Closure: 27.01.2026

Total Depth(m): 50.00

Core size: NQ

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|---------------------|---------------|-------------------------------|---------------------------|
| FROM | TO | THICK. | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | 1.00 | 33.33 | 3.00 | 3.00 | | Soil | Black | | |
| 3.00 | 6.00 | 3.00 | 1.00 | 33.33 | 3.00 | 6.00 | | Soil | Black | | |
| 6.00 | 9.00 | 3.00 | 1.00 | 33.33 | 3.00 | 9.00 | | Limestone | White | Broken | Grinded |
| 9.00 | 12.00 | 3.00 | 1.00 | 33.33 | 3.00 | 12.00 | 10.00 | Limestone | White | Broken | Grinded and Calcite clast |
| 12.00 | 15.00 | 3.00 | 1.00 | 66.67 | 1.50 | 13.50 | 4.00 | Limestone | White | Broken and vertical fracture | |
| | | | 1.00 | | 1.50 | 15.00 | | Limestone | White | Broken and vertical fracture | |
| 15.00 | 18.00 | 3.00 | 0.90 | 90.00 | 1.00 | 16.00 | 30.33 | Limestone with clay | White | | |
| | | | 0.90 | | 1.00 | 17.00 | | Limestone with clay | Grayish white | | |
| | | | 0.90 | | 1.00 | 18.00 | | Limestone with clay | Grayish white | | |
| 18.00 | 21.00 | 3.00 | 0.70 | 89.00 | 0.79 | 18.79 | 30.00 | Limestone with clay | White | | |
| | | | 0.67 | | 0.75 | 19.54 | | Limestone | Grayish white | | |
| | | | 0.23 | | 0.26 | 19.80 | | Limestone | Redish White | | |
| | | | 0.85 | | 0.96 | 20.75 | | Limestone | Grayish white | | |
| | | | 0.22 | | 0.25 | 21.00 | | Limestone with clay | Redish White | | |
| 21.00 | 24.00 | 3.00 | 0.44 | 90.67 | 0.49 | 21.49 | 24.00 | Limestone | White | | |
| | | | 0.55 | | 0.61 | 22.09 | | Limestone with clay | Redish White | | |
| | | | 0.25 | | 0.28 | 22.37 | | Limestone | Grayish white | | |
| | | | 0.36 | | 0.40 | 22.76 | | Limestone | Redish White | Calcite Band | |
| | | | 1.12 | | 1.24 | 24.00 | | Limestone | Grayish white | | |
| 24.00 | 27.00 | 3.00 | 0.90 | 90.00 | 1.00 | 25.00 | 23.67 | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 26.00 | | Limestone | Grayish white | | |
| | | | 0.30 | | 0.33 | 26.33 | | Limestone with clay | Redish White | | |
| | | | 0.60 | | 0.67 | 27.00 | | Limestone | Grayish white | | |
| 27.00 | 30.00 | 3.00 | 0.90 | 90.00 | 1.00 | 28.00 | 52.67 | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 29.00 | | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 30.00 | | Limestone with clay | Grayish white | | |

| RUN (m) | | | REC. THICK (m) | REC. % | EXP. THICK- NESS (m) | FLOOR DEPTH (m) | RQD % | LITHOLOGY | COLOUR | STRUCTURAL/ NATURE DETAILS | REMARKS |
|---------|-------|--------|----------------------|-----------|----------------------------|-----------------------|----------|---------------------|-----------------|-------------------------------|---------|
| FROM | TO | THICK. | | | | | | | | | |
| 30.00 | 33.00 | 3.00 | 0.90 | 90.00 | 1.00 | 31.00 | 42.67 | Limestone with clay | White | | |
| | | | 0.90 | | 1.00 | 32.00 | | Limestone with clay | White | | |
| | | | 0.90 | | 1.00 | 33.00 | | Limestone with clay | White | | |
| 33.00 | 36.00 | 3.00 | 0.37 | 88.33 | 0.42 | 33.42 | 51.33 | Limestone with clay | Yellowish white | | |
| | | | 0.38 | | 0.43 | 33.85 | | Limestone | Grayish white | | |
| | | | 0.90 | | 1.02 | 34.87 | | Limestone with clay | Redish White | | |
| | | | 1.00 | | 1.13 | 36.00 | | Limestone | Grayish white | | |
| 36.00 | 39.00 | 3.00 | 0.84 | 83.33 | 1.01 | 37.01 | 46.67 | Limestone with clay | Yellowish white | | |
| | | | 0.83 | | 1.00 | 38.00 | | Limestone | Grayish white | | |
| | | | 0.83 | | 1.00 | 39.00 | | Limestone | Grayish white | | |
| 39.00 | 42.00 | 3.00 | 0.70 | 90.00 | 0.78 | 39.78 | 31.00 | Limestone | Grayish white | | |
| | | | 0.50 | | 0.56 | 40.33 | | Limestone with clay | Yellowish white | IF | |
| | | | 0.50 | | 0.56 | 40.89 | | Limestone with clay | Grayish white | | |
| | | | 1.00 | | 1.11 | 42.00 | | Limestone | Grayish white | Borken at Bottem | |
| 42.00 | 45.00 | 3.00 | 0.90 | 90.00 | 1.00 | 43.00 | 29.67 | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 44.00 | | Limestone | Grayish white | | |
| | | | 0.90 | | 1.00 | 45.00 | | Limestone | Grayish white | | |
| 45.00 | 48.00 | 3.00 | 0.57 | 92.33 | 0.62 | 45.62 | 23.33 | Limestone | Grayish white | | |
| | | | 0.30 | | 0.32 | 45.94 | | Limestone with clay | Redish White | | |
| | | | 1.00 | | 1.08 | 47.03 | | Limestone | Grayish white | | |
| | | | 0.90 | | 0.97 | 48.00 | | Limestone | Grayish white | | |
| 48.00 | 50.00 | 2.00 | 0.85 | 85.00 | 1.00 | 49.00 | 10.00 | Limestone | Grayish white | Griended at places | |
| | | | 0.85 | | 1.00 | 50.00 | | Limestone | Grayish white | | |