

Particulars of detailed litholog of the boreholes drilled by MECL in Nimbli Block, Tehsil- Fatehgarh, District-Jaisalmer, Rajasthan

Northing (m): 2902768.151
 Easting (m): 692427.089
 R.L (m): 254.106

Date of Commencement: 24.05.2024
 Date of Closure: 30.05.2024
 Total Depth(m): 35.00
 Angle from horizontal: 60°
 Azimuth: 115°

Borehole MNP-01

| Run (m) | | | Core Recovery (m) | Extrapolated Thickness (m) | Core Recovery (%) | Floor Depth (m) | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
|---------|-------|-----------|-------------------|----------------------------|-------------------|-----------------|---------|---|-----------------|--|------------------------|-----------|
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 0.50 | - | 0.50 | 73.33 | 0.50 | 0.00 | Sand with kankar | Yellowish brown | | | |
| | | | 2.20 | 2.50 | | | | Clay with kankar | Light brown | | | |
| 3.00 | 4.00 | 1.00 | 0.80 | 1.00 | 80.00 | 4.00 | 0.00 | Clay with kankar | Light brown | Broken | | |
| 4.00 | 7.00 | 3.00 | 0.85 | 1.00 | 86.67 | 5.00 | 0.00 | Light brown Shale with clay & Kankar. | Light brown | Broken/Fractured | | |
| | | | 0.80 | 1.00 | | 6.00 | | Light brown Shale with minor Phosphorite. | Light brown | | Minor Phosphorite | |
| | | | 0.95 | 1.00 | | 7.00 | | Purple brown Shale with Phosphorite. | Purple Brown | Broken/Flaky | Phosphorite | |
| 7.00 | 10.00 | 3.00 | 2.05 | 2.20 | 91.67 | 9.20 | 3.33 | Brown Shale with Phosphorite.and thin Quartzitic Sst. Bands | Brown | Broken/Fractured | Phosphorite | |
| | | | 0.70 | 0.80 | | 10.00 | | Shale with Quartzitic Sst.bands & Phosphorite. | Greyish Brown | | Phosphorite | |
| 10.00 | 13.00 | 3.00 | 0.20 | 0.20 | 90.00 | 10.20 | 0.00 | Shale with Quartzitic Sst.bands & Phosphorite. | Greyish Brown | | Phosphorite | |
| | | | 0.70 | 0.80 | | 11.00 | | Shale (Banded Brown & White) withPhosphorite band. | Greyish Brown | | | |
| | | | 0.90 | 1.00 | | 12.00 | | Shale (Banded Brown & White) withPhosphorite band. | Greyish Brown | | | |
| | | | 0.90 | 1.00 | | 13.00 | | Shale with Sst, Bands (Brown & White) with Phosphorite. | Greyish Brown | | | |
| 13.00 | 16.00 | 3.00 | 0.95 | 1.00 | 80.00 | 14.00 | 0.00 | Shale with Sst, Bands (Brown & White) with Phosphorite. | Yellowish brown | | | |
| | | | 0.90 | 1.30 | | 15.30 | | Brownish White Sst. (Fgd-Mgd) | Brownish White | Fracture at 35° w.r.t. core axis | | |
| | | | 0.55 | 0.70 | | 16.00 | | Quartzitic Sst. With Shale bands. | Greyish Brown | Broken | | |
| 16.00 | 19.00 | 3.00 | 0.80 | 1.10 | 80.00 | 17.10 | 0.00 | Quartzitic Sst. With Shale bands. | Greyish Brown | Broken/Fractured | | |
| | | | 1.60 | 1.90 | | 19.00 | | Purple to white banded Shale | Purple to white | Banded/Broken | | Micaceous |
| 19.00 | 22.00 | 3.00 | 2.60 | 3.00 | 86.67 | 22.00 | 5.00 | Purple white banded Shale | Purple to white | | | |
| 22.00 | 25.00 | 3.00 | 2.65 | 3.00 | 88.33 | 25.00 | 3.33 | Shale (Banded Red & White). | Red & White | Broken | | Micaceous |
| 25.00 | 28.00 | 3.00 | 1.85 | 2.15 | 83.33 | 27.15 | 0.00 | Shale Bnaded | Purple Brown | Fractured | | |
| | | | 0.65 | 0.85 | | 28.00 | | Greyish bown Shale with Quartzitic Sst. Bands. | Greyish Brown | Broken/Flaky | | Micaceous |
| 28.00 | 30.00 | 2.00 | 1.45 | 1.50 | 97.50 | 29.50 | 0.00 | Bown & White banded Shale with Quartzitic Sst. Bands. | Greyish Brown | | | |
| | | | 0.50 | 0.50 | | 30.00 | | Quartzitic Sst. With thin carbonate lamine. | Greyish Brown | Hard (Broken) | | |
| 30.00 | 32.00 | 2.00 | 2.00 | 2.00 | 100.00 | 32.00 | 0.00 | Quartzitic Sst. With thin carbonate lamine. | Greyish Brown | Hard (Broken) | | |
| 32.00 | 35.00 | 3.00 | 3.00 | 3.00 | 100.00 | 35.00 | 0.00 | Quartzitic Sst. With thin Shale bands. | Greyish Brown | Hard/ Fractured (Vertical & inclined fracture) | | |



Northing (m): 2902721.166
Easting (m): 692510.661
R.L (m): 259.176

Date of Commencement: 031.05.2024
Date of Closure: 06.06.2024
Total Depth(m): 32.00
Angle from horizontal: 57°
Azimuth: 305°

| Borehole MNP-02 | | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|------------|---------|---|----------------|---------------------|----------------|-----------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolat | RQD (%) | Lithology | Colour | Structural Features | Mineralization | Remarks |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Details | |
| 0.00 | 3.00 | 3.00 | - | 0.50 | 73.33 | 0.50 | 0.00 | Soil (Clay+Sand) | Brown | | | |
| | | | 2.20 | 2.50 | | 3.00 | | Clay with Kankar | Light brown | | | |
| 3.00 | 4.00 | 1.00 | 0.70 | 1.00 | 70.00 | 4.00 | 0.00 | Clay with Kankar | Light brown | | | |
| 4.00 | 7.00 | 3.00 | 2.90 | 3.00 | 96.67 | 7.00 | 0.00 | Yellow & White banded Shale | Yellow & White | Flaky | | Micaceous |
| 7.00 | 10.00 | 3.00 | 1.73 | 1.73 | 100.00 | 8.73 | 0.00 | Yellow & White banded Shale | Yellow & White | Broken/Flaky | | Micaceous |
| | | | 1.27 | 1.27 | | 10.00 | | Purple & White banded Shale | Purple & White | | | |
| 10.00 | 13.00 | 3.00 | 2.63 | 3.00 | 87.67 | 13.00 | 0.00 | Brown & White banded Shale | Brown & White | Broken/Flaky | | Micaceous |
| 13.00 | 16.00 | 3.00 | 2.92 | 3.00 | 97.33 | 16.00 | 0.00 | Brown & White banded Shale | Brown & White | | | |
| 16.00 | 19.00 | 3.00 | 2.81 | 3.00 | 93.67 | 19.00 | 0.00 | Brown & White banded Shale | Brown & White | Broken/Flaky | | Micaceous |
| 19.00 | 22.00 | 3.00 | 2.75 | 3.00 | 91.67 | 22.00 | 0.00 | Shale (Banded) with Sst. Bands containing Phosphorite. | | | Phosphorite | |
| 22.00 | 25.00 | 3.00 | 2.53 | 3.00 | 84.33 | 25.00 | 0.00 | Shale (Banded) with Sst. Bands containing Phosphorite.Quartzitic Sst. Present at bottom. | Brown | | Phosphorite | |
| 25.00 | 28.00 | 3.00 | 2.56 | 3.00 | 85.33 | 28.00 | 0.00 | Quartzitic Sst. With Shale bands & Phosphorite. | Greyish Brown | | Phosphorite | |
| 28.00 | 31.00 | 3.00 | 0.95 | 1.00 | 91.33 | 29.00 | 0.00 | Quartzitic Sst. With Shale bands & Phosphorite. | Greyish Brown | | Phosphorite | |
| | | | 0.91 | 1.00 | | 30.00 | | Brown Shale with Sst. Bands & minor Phosphorite bands. | Brown | | | |
| | | | 0.88 | 1.00 | | 31.00 | | Brownish white Shale. | Brownish white | Hard/Broken | | |
| 31.00 | 32.00 | 1.00 | 0.93 | 1.00 | 93.00 | 32.00 | 0.00 | Greyish brown Quartzitic Sst. | Greyish Brown | | | |

Northing (m): 2902391.529
Easting (m): 692358.909
R.L (m): 249.465

Date of Commencement: 06.06.2024
Date of Closure: 11.06.2024
Total Depth(m): 31.00
Angle from horizontal: 57°
Azimuth: 300°

| Borehole MNP-03 | | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|------------|---------|---|----------------|--|-------------------|-----------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolat | RQD (%) | Lithology | Colour | Structural Features | Mineralization | Remarks |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Details | |
| 0.00 | 1.00 | 1.00 | - | 1.00 | 0.00 | 1.00 | 0.00 | Soil (Clay+Sand) | Light brown | | | |
| 1.00 | 4.00 | 3.00 | 2.56 | 3.00 | 85.33 | 4.00 | 0.00 | Clay with Kankar | Light brown | | | |
| 4.00 | 7.00 | 3.00 | 2.73 | 3.00 | 91.00 | 7.00 | 0.00 | Brownish white Shale.with minor carbonate veins & Clay. | Yellow & White | | | |
| 7.00 | 10.00 | 3.00 | 2.86 | 3.00 | 95.33 | 10.00 | 4.33 | Purple & brown banded shale with minor clay & thin carbonate veins. | Purple & brown | | | Micaceous |
| 10.00 | 13.00 | 3.00 | 1.75 | 1.90 | 92.67 | 11.90 | 3.33 | Yellow coloured Limestone with Shale bands & carbonate veins. | Brownish White | Broken/Flaky | | |
| | | | 1.03 | 1.10 | | 13.00 | | Purple & brown Shale | Purple & Brown | | | |
| 13.00 | 16.00 | 3.00 | 0.80 | 1.00 | 81.67 | 14.00 | 0.00 | Purple & brown Shale | Purple & Brown | Broken/Flaky | | |
| | | | 1.65 | 2.00 | | 16.00 | | Brown & White banded Shale with Phosphorite. | Brown & White | Hard/Broken & Flaky | Phosphorite | |
| 16.00 | 19.00 | 3.00 | 0.73 | 1.00 | 66.00 | 17.00 | 0.00 | Brown & White banded Shale with Phosphorite. | Brown & White | | Phosphorite | |
| | | | 0.61 | 1.00 | | 18.00 | | Shale with Quartzitic Sst. | Grey Brown | Loose core | | |
| | | | 0.64 | 1.00 | | 19.00 | | Shale with Quartzitic Sst. | Grey Brown | Loose core | | |
| 19.00 | 21.00 | 2.00 | 1.90 | 2.00 | 95.00 | 21.00 | 0.00 | Shale with Quartzitic Sst. | Grey Brown | | | |
| 21.00 | 23.00 | 2.00 | 1.56 | 2.00 | 78.00 | 23.00 | 0.00 | Brown coloured loose sand & Shale with grey Quartzitic Sst. With minor Phosphorite. | Brown | Loose | Phosphorite | |
| 23.00 | 25.00 | 2.00 | 2.00 | 2.00 | 100.00 | 25.00 | 0.00 | Grey Quartzitic Sst. With minor Phosphorite. | Grey | Hard/Compact (Fracture at 35° w.r.t. core axis). | minor Phosphorite | |
| 25.00 | 28.00 | 3.00 | 3.00 | 3.00 | 100.00 | 28.00 | 29.33 | Grey Quartzitic Sst. | Greyish Brown | | | |
| 28.00 | 31.00 | 3.00 | 2.00 | 3.00 | 66.67 | 31.00 | 4.33 | Grey to Brown Quartzitic Sst. | Greyish Brown | (Hard/Compact) Vertical fracture | | |

Northing (m): 2902365.44

Date of Commencement: 08.06.2024

Easting (m): 692390.856
 R.L (m): 249.271

Date of Closure: 13.06.204
 Total Depth(m): 30.00
 Angle from horizontal: 58°
 Azimuth: 120°

| Borehole MNP-04 | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|--------------|---------|--|----------------|----------------------------------|----------------------------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolated | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Remarks |
| 0.00 | 3.00 | 3.00 | - | 0.50 | 75.00 | 0.50 | 0.00 | Soil (Sandy) | Brown | | |
| | | | 2.25 | 2.50 | | 3.00 | | Sandy clay with kankar | Brownish white | | |
| 3.00 | 4.00 | 1.00 | 0.80 | 1.00 | 80.00 | 4.00 | 0.00 | Clay with Kankar | Brown | Loose | |
| 4.00 | 7.00 | 3.00 | 1.80 | 2.00 | 90.00 | 6.00 | 0.00 | Weathered Shale with Phosphorite. | Brown | Loose | Minor Phosphorite Present. |
| | | | 0.90 | 1.00 | | 7.00 | | Brown Shale with Quartzitic Sst.(Grey) Boulders. Shale with Phosphorite bands. | Brown | Loose | Phosphorite. |
| 7.00 | 10.00 | 3.00 | 2.76 | 3.00 | 92.00 | 10.00 | 0.00 | Greyish Brown Shale with Quartzitic Sst.(Grey) Bands. Contain brown Phosphorite. | Greyish Brown | | Phosphorite. |
| 10.00 | 13.00 | 3.00 | 0.80 | 0.80 | 100.00 | 10.80 | 0.00 | Greyish Brown Quartzitic Sst. With few Shale bands, contain Phosphorite. | Brown & White | | Phosphorite. |
| | | | 0.60 | 0.60 | | 11.40 | | Brownish white Sst.with minor Phosphorite. | Brownish white | | minor Phosphorite. |
| | | | 0.80 | 0.80 | | 12.20 | | Brownish white Sst.with minor Phosphorite. | Brownish white | | minor Phosphorite. |
| | | | 0.80 | 0.80 | | 13.00 | | Quartzitic Sst. with minor Shale bands. | | | minor Phosphorite. |
| 13.00 | 16.00 | 3.00 | 0.70 | 0.70 | 97.33 | 13.70 | 0.00 | Brownish White Shale with Quartzitic Sst. | Brown & White | | |
| | | | 2.30 | 2.30 | | 16.00 | | Purple White Shale with Sst. Lamine | Purple & White | Fracture at 35" w.r.t. core axis | Micaceous |
| 16.00 | 19.00 | 3.00 | 2.92 | 3.00 | 97.33 | 19.00 | 0.00 | Purple White banded Shale. | Purple & White | | Micaceous |
| 19.00 | 22.00 | 3.00 | 2.81 | 3.00 | 93.67 | 22.00 | 0.00 | Purple & brown banded Shale. | Purple & brown | | Micaceous |
| 22.00 | 25.00 | 3.00 | 2.46 | 3.00 | 82.00 | 25.00 | 0.00 | Purple & brown banded Shale with Sst.bands. | Purple & brown | Fractured/Loose | Micaceous |
| 25.00 | 28.00 | 3.00 | 2.95 | 3.00 | 98.33 | 28.00 | 6.67 | Purple & brown banded Shale with Sst.bands. | Purple & brown | Vertical fractured | |
| 28.00 | 30.00 | 2.00 | 2.00 | 2.00 | 100.00 | 30.00 | 4.33 | Purple & brown banded Shale.. | Purple & brown | | Micaceous |

Northing (m): 2902175.299
 Easting (m): 691789.859
 R.L (m): 252.076

Date of Commencement: 13.06.2024
 Date of Closure: 18.06.2024
 Total Depth(m): 30.00
 Angle from horizontal: 60°
 Azimuth: 120°

| Borehole MNP-05 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|--|-----------------------|---------------------|----------------------------|-----------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.50 | 75.00 | 0.50 | 0.00 | Soil (Sandy) | Brown | | | |
| | | | 2.25 | 2.50 | | 3.00 | | Sand with Kankar. | Brown | | | |
| 3.00 | 4.00 | 1.00 | 0.80 | 1.00 | 80.00 | 4.00 | 0.00 | Sand with Kankar | Light Brown | Powdered | | |
| 4.00 | 7.00 | 3.00 | 1.99 | 2.00 | 96.00 | 6.00 | 0.00 | Soil with Weathered Shale . | Light Brown | Loose | | |
| | | | 0.89 | 1.00 | | 7.00 | | Brown Shale(Sandy). | Brown | Loose | | |
| 7.00 | 10.00 | 3.00 | 0.85 | 1.00 | 89.00 | 8.00 | 4.32 | Shale (Purple Brown) with minor Phosphorite at places. | | Mod. Compact | Minor Phosphorite Present. | Micaceous |
| | | | 1.82 | 2.00 | | 10.00 | | Yellowish brown Shale with thin Sst. Bnads & Phosphorite. | Yellowish brown | | Phosphorite. | |
| 10.00 | 13.00 | 3.00 | 2.76 | 3.00 | 92.00 | 13.00 | 0.00 | Yellowish brown Shale with thin Sst. Bnads & Phosphorite. | Yellowish brown | | Phosphorite. | |
| 13.00 | 16.00 | 3.00 | 0.87 | 1.00 | 88.33 | 14.00 | 0.00 | Brownish White Shale with grey & brown Sst. Bands & Phosphorite. | Brownish White | Compact/Broken | Phosphorite. | |
| | | | 1.78 | 2.00 | | 16.00 | | Brownish White Shale with grey & brown Sst. Bands & Phosphorite. | Brownish White | | Phosphorite. | |
| 16.00 | 19.00 | 3.00 | 2.52 | 3.00 | 84.00 | 19.00 | 0.00 | Yellowish brown Shale with grey Sst. Bnads with minor Phosphorite. | Brown | Flaky/Broken | minor Phosphorite. | |
| 19.00 | 22.00 | 3.00 | 0.93 | 1.00 | 84.67 | 20.00 | 0.00 | Yellowish brown Shale with grey Sst. Bnads with minor Phosphorite. | Brown | Broken | minor Phosphorite. | Micaceous |
| | | | 0.68 | 1.00 | | 21.00 | | Shale (loose) with grey Sst. Bands. | | | very minor Phosphorite. | |
| | | | 0.93 | 1.00 | | 22.00 | | Shale (Brownish White) with Sst. Lamine. | Yellowish brown | | very minor Phosphorite. | |
| 22.00 | 25.00 | 3.00 | 0.45 | 0.50 | 95.00 | 22.50 | 0.00 | Shale (Brownish White) with Sst. Lamine. | Yellowish brown | Broken | | |
| | | | 2.10 | 2.20 | | 24.70 | 3.42 | Grey Quartzitic Sst. | Grey | Hard/Compact | Minor Phosphorite Present. | |
| | | | 0.30 | 0.30 | | 25.00 | | Brown Shale (Banded). | Brown | | | Micaceous |
| 25.00 | 28.00 | 3.00 | 0.35 | 0.40 | 93.33 | 25.40 | 6.50 | Grey Quartzitic Sst. | Grey | Hard/Compact | | |
| | | | 2.45 | 2.60 | | 28.00 | | Shale (Purple & white banded). | Purple & white banded | | | |
| 28.00 | 30.00 | 2.00 | 2.00 | 2.00 | 100.00 | 30.00 | 0.00 | Purple & brown banded Shale with Sst.bands. | Purple & brown | | | Micaceous |

Northing (m): 22902035.556
 Easting (m): 692165.519
 R.L (m): 254.006

Date of Commencement: 15.06.2024
 Date of Closure: 18.06.2024
 Total Depth(m): 27.00
 Angle from horizontal: 57°
 Azimuth: 120°

| Borehole MNP-06 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|---|---------------------|---|-----------------------------|-----------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.70 | 63.33 | 0.50 | 0.00 | Soil (Sandy+Clay) | Brown | | | |
| | | | 1.90 | 2.30 | | 3.00 | | Sand (fine) with Kankar | Light Brown | | | |
| 3.00 | 4.00 | 1.00 | 0.71 | 1.00 | 71.00 | 4.00 | 0.00 | Sand (fine) with Kankar | Light Brown | | | |
| 4.00 | 7.00 | 3.00 | 2.92 | 3.00 | 97.33 | 7.00 | 0.00 | Brown & yellow banded weathered Shale. | Brown & yellow | Flaky/Broken | | |
| 7.00 | 10.00 | 3.00 | 3.00 | 3.00 | 100.00 | 10.00 | 0.00 | Brown & yellow banded weathered Shale. | Brown & yellow | Flaky/Broken | | |
| 10.00 | 13.00 | 3.00 | 2.70 | 3.00 | 90.00 | 13.00 | 0.00 | Brown & White Shale with minor Phosphorite. | Brown & White | Flaky/loose, Fracture at 50° w.r.t. core axis | Minor Phosphorite Present. | |
| 13.00 | 16.00 | 3.00 | 3.00 | 3.00 | 100.00 | 16.00 | 0.00 | Shale with sandy grey band & Phosphorite. | Brown & Grey | Bedding parallel to C.A. | Phosphorite Present. | |
| 16.00 | 19.00 | 3.00 | 2.70 | 3.00 | 90.00 | 19.00 | 0.00 | Shale with grey Sst. Bands & Phosphorite. | Brown & Grey | Bedding at 50° | Phosphorite Present. | |
| 19.00 | 22.00 | 3.00 | 0.50 | 0.50 | 84.67 | 19.50 | 0.00 | Shale & Sst. Banded. | Brown & Grey | Hard/Fractured | Phosphorite Present. | |
| | | | 1.00 | 1.00 | | 20.50 | | Quartzitic Sst. | Greyish brown | Hard/Fractured | minor Phosphorite present.. | |
| | | | 1.50 | 1.50 | | 22.00 | | Shale with Sst. Bands. | Purple & Brown | Bedding at 70° w.r.t. C.A. | | |
| 22.00 | 25.00 | 3.00 | 3.00 | 3.00 | 100.00 | 25.00 | 6.30 | Shale with thin Sst.Sst.lamine. | Purple & White band | | | Micaceous |
| 25.00 | 27.00 | 2.00 | 2.00 | 2.00 | 100.00 | 27.00 | 12.25 | Purple & White band Shale. | Purple & White band | | | Micaceous |

Northing (m): 2901533.827
 Easting (m): 691408.088
 R.L (m): 258.346

Date of Commencement: 19.06.2024
 Date of Closure: 23.06.2024
 Total Depth(m): 27.00
 Angle from horizontal: 55°
 Azimuth: 120°

| Borehole MNP-07 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|--|----------------------|----------------------------------|----------------------------|-------------------------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.60 | 74.00 | 0.50 | 0.00 | Soil (Clay+Sand) | Brown | | | |
| | | | 2.20 | 2.40 | | 3.00 | | Weathered Shale with Sst & Carbonate rock. | Brownish white | Loose | | |
| 3.00 | 4.00 | 1.00 | 0.80 | 1.00 | 80.00 | 4.00 | 0.00 | Weathered Shale with minor Phosphorite. | Brownish white | | Minor Phosphorite Present. | |
| 4.00 | 7.00 | 3.00 | 2.73 | 3.00 | 91.00 | 7.00 | 0.00 | Shale with Sst. & Phosphorite bands. | | Broken | Phosphorite. | |
| 7.00 | 10.00 | 3.00 | 1.84 | 2.00 | 92.33 | 9.00 | 0.00 | Shale with Phosphorite. | Light Brown | Broken | Phosphorite. | |
| | | | 0.93 | 1.00 | | 10.00 | | Shale with Grey Sst. Bands & Phosphorite. | Greyish brown | Broken | Phosphorite. | |
| 10.00 | 13.00 | 3.00 | 0.84 | 1.00 | 100.00 | 11.00 | 0.00 | Sst. Grey with minor Shale & Phosphorite. | Greyish brown | Vertical fractured | Phosphorite. | |
| | | | 1.72 | 2.00 | | 13.00 | | Purple & brown banded Shale. | Purple & brown | | | |
| 13.00 | 16.00 | 3.00 | 2.63 | 3.00 | 87.67 | 16.00 | 5.60 | Purple & creamish white banded Shale. | | Fracture at 70° w.r.t. core axis | | |
| 16.00 | 19.00 | 3.00 | 2.31 | 2.47 | 93.00 | 18.47 | 0.00 | Shale with minor Sst. Bands. | Brown & White banded | | | |
| | | | 0.48 | 0.53 | | 19.00 | | Greyish brown Sst. Bands. | Greyish brown | | | Carbonate veins present |
| 19.00 | 22.00 | 3.00 | 2.41 | 2.50 | 96.33 | 21.50 | 0.00 | Greyish brown Sst. with minor Shale & minor Phosphorite. | Greyish brown | Fracture at 70° w.r.t. core axis | | |
| | | | 0.48 | 0.50 | | 22.00 | | Greyish brown Sst. With carbonate veins. | Greyish brown | | Minor Phosphorite Present. | |
| 22.00 | 25.00 | 3.00 | 1.40 | 1.50 | 93.33 | 23.50 | 14.40 | Calcareous Sst. With minor Shale bands. | Greyish brown | Fractured/Loose | | |
| | | | 1.40 | 1.50 | | 25.00 | | Sst. With Shale bands. | Yellowish Black | | | |
| 25.00 | 27.00 | 2.00 | 2.00 | 2.00 | 100.00 | 27.00 | 6.60 | Black & yellow Shale with thin Sst. Lamine. | Purple & brown | | | |

Northing (m): 2902046.696
 Easting (m): 692167.878
 R.L (m): 254.401

Date of Commencement: 20.06.2024
 Date of Closure: 23.06.2024
 Total Depth(m): 25.00
 Angle from horizontal: 55°
 Azimuth: 300°

| Borehole MNP-08 | | | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|------------|---------|--|----------------------|-----------------------|----------------------------|-----------|--|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolat | RQD (%) | Lithology | Colour | Structural Features | Mineralization | Remarks | |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Details | | |
| 0.00 | 3.00 | 3.00 | - | 0.70 | 63.33 | 0.50 | 0.00 | Soil with Kankar | Brown | | | | |
| | | | 1.90 | 2.40 | | 3.00 | | Sand (fine) with kankar & Sst. Boulders. | Brown | | | | |
| 3.00 | 4.00 | 1.00 | 0.80 | 1.00 | 80.00 | 4.00 | 0.00 | Weathered Shale with Sst. Boulders. | light Brown | | Minor Phosphorite Present. | | |
| 4.00 | 7.00 | 3.00 | 2.70 | 3.00 | 90.00 | 7.00 | 0.00 | Weathered Shale with Phosphorite bands. | | | Phosphorite. | | |
| 7.00 | 10.00 | 3.00 | 2.74 | 3.00 | 91.33 | 10.00 | 12.20 | Shale with minor Sst. (Grey) band & Phosphorite. | Brown | | Phosphorite. | | |
| 10.00 | 13.00 | 3.00 | 1.43 | 1.50 | 94.33 | 11.50 | 0.00 | Shale with minor Sst. (Grey) band & Phosphorite. | Brown | Loose | Phosphorite. | | |
| | | | 0.66 | 0.70 | | 12.20 | | Sst. With minor Shale & minor phosphorite. | Grey | | Phosphorite. | | |
| | | | 0.74 | 0.80 | | 13.00 | | Brown Shale with thin Sst. Lamine. | Brown | | Minor Phosphorite Present. | | |
| 13.00 | 16.00 | 3.00 | 1.43 | 2.00 | 71.00 | 15.00 | 0.00 | Shale brown & white banded. | Brown & White banded | | | | |
| | | | 0.70 | 1.00 | | 16.00 | | Greyish brown Sst. | Greyish brown | Hard/Compact & Broken | | | |
| 16.00 | 19.00 | 3.00 | 1.73 | 2.50 | 68.33 | 18.50 | 0.00 | Greyish brown Sst. | Greyish brown | Hard/Compact & Broken | | | |
| | | | 0.32 | 0.50 | | 19.00 | | Purple & White band Shale. | Purple & White band | Broken | | Micaceous | |
| 19.00 | 22.00 | 3.00 | 1.36 | 3.00 | 45.33 | 22.00 | 0.00 | Purple & White band Shale. | Purple & White band | Broken/fractured | | Micaceous | |
| 22.00 | 25.00 | 3.00 | 0.65 | 2.00 | 33.67 | 24.00 | 0.00 | Purple & White band Shale. | Purple & White band | Broken/fractured | | | |
| | | | 0.36 | 1.00 | | 25.00 | | Quartzitic Sst. | Grey | Broken/fractured | | | |

Northing (m): 2901558.55
 Easting (m): 691337.158
 R.L (m): 260.069

Date of Commencement: 25.06.2024
 Date of Closure: 07.07.2024
 Total Depth(m): 60.00
 Angle from horizontal: 90°
 Azimuth: 0°

| Borehole MNP-09 | | | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|------------|---------|-----------------------------------|--------------|------------------------|----------------------------|-----------|--|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolat | RQD (%) | Lithology | Colour | Structural Features | Mineralization | Remarks | |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Details | | |
| 0.00 | 3.00 | 3.00 | - | 0.70 | 0.00 | 0.70 | 0.00 | Soil sandy | Brown | | | | |
| | | | 1.70 | 2.30 | 73.91 | 3.00 | | Sand (fine) with kankar | Brown | Loose | | | |
| 3.00 | 4.00 | 1.00 | 0.65 | 1.00 | 65.00 | 4.00 | 0.00 | Sand (fine) with kankar | light Brown | | Minor Phosphorite Present. | | |
| 4.00 | 7.00 | 3.00 | 1.40 | 1.68 | 83.33 | 5.68 | 0.00 | Shale with Kankar | | | Phosphorite. | | |
| | | | 1.10 | 1.32 | | 7.00 | | sandy shale | | | | | |
| 7.00 | 10.00 | 3.00 | 2.61 | 2.74 | 95.00 | 9.74 | 0.00 | shale | yellow brown | | Phosphorite. | | |
| | | | 0.25 | 0.26 | | 10.00 | | Dolomitic Limestone | Grey | Hard/Br | | | |
| 10.00 | 13.00 | 3.00 | 2.89 | 3.00 | 96.33 | 13.00 | 4.67 | 3 | Grey | | Phosphorite. | | |
| 13.00 | 16.00 | 3.00 | 2.85 | 3.00 | 95.00 | 16.00 | 6.33 | Dolomitic Limestone | Grey | Sub vertical fractures | | | |
| 16.00 | 19.00 | 3.00 | 2.93 | 3.00 | 97.67 | 19.00 | 15.00 | Dolomitic Limestone | Grey | Frat 25° | | | |
| 19.00 | 22.00 | 3.00 | 0.60 | 0.60 | 45.33 | 19.60 | 0.00 | Dolomitic Limestone | Grey | Broken/fractured | | Micaceous | |
| | | | 2.40 | 2.40 | 100.00 | 22.00 | | Shale with Limestone | Purple Brown | | | | |
| 22.00 | 25.00 | 3.00 | 2.93 | 3.00 | 97.67 | 25.00 | 0.00 | Shale | Purple Brown | Bedding at 78° | | | |
| 25.00 | 28.00 | 3.00 | 3.00 | 3.00 | 100.00 | 28.00 | 5.55 | Shale | Purple Brown | | | | |
| 28.00 | 31.00 | 3.00 | 2.65 | 3.00 | 88.33 | 31.00 | 4.20 | Shale | Brown Grey | | | | |
| 31.00 | 34.00 | 3.00 | 2.82 | 3.00 | 94.00 | 34.00 | 14.40 | Shale with yellow limestone bands | yellow brown | | | | |
| 34.00 | 37.00 | 3.00 | 2.85 | 3.00 | 95.00 | 37.00 | 12.12 | Shale with yellow limestone bands | yellow brown | | | | |
| 37.00 | 40.00 | 3.00 | 1.88 | 2.02 | 93.00 | 39.02 | 23.20 | Shale with yellow limestone bands | yellow brown | | | | |
| | | | 0.91 | 0.98 | | 40.00 | | yellow Limestone | yellow | | | | |
| 40.00 | 43.00 | 3.00 | 0.68 | 0.71 | 96.33 | 40.71 | 0.00 | yellow Limestone | yellow | | | | |
| | | | 1.91 | 1.98 | | 42.69 | | Shale | Grey brown | | | | |
| | | | 0.30 | 0.31 | | 43.00 | | Yellow Limestone | Yellow | | | | |
| 43.00 | 46.00 | 3.00 | 0.30 | 0.30 | 94.00 | 43.30 | 14.40 | Yellow Limestone | Yellow | Broken/fractured | | | |



| | | | | | | | | | | | | |
|-------|-------|------|------|------|--------|-------|-------|---|---------------------|-----------------------|--|-----------|
| | | | 0.92 | 1.00 | | 44.30 | | Shale with Limestone bands | yellow brown | | | |
| | | | 0.90 | 1.00 | | 45.30 | | Shale with Limestone bands | yellow brown | | | |
| | | | 0.70 | 0.70 | | 46.00 | | Shale with Limestone and phosphorite | yellow brown | | | |
| 46.00 | 49.00 | 3.00 | 2.73 | 3.00 | 91.00 | 49.00 | 4.40 | Shale with Limestone and phosphorite | yellow brown | | | |
| 49.00 | 52.00 | 3.00 | 0.90 | 1.00 | 88.67 | 50.00 | 3.33 | Shale with Limestone and Sandstone bands containing phosphorite | yellow brown | | | |
| | | | 0.63 | 0.70 | | 50.70 | | Grey Sandstone with Phosphorite | Grey brown | | | |
| | | | 0.68 | 0.80 | | 51.50 | | Quartzitic Sandstone | Grey brown | HBr/Fr | | |
| | | | 0.45 | 0.50 | | 52.00 | | Shale with sandstone bands | Grey brown | HBr/Fr | | |
| 52.00 | 55.00 | 3.00 | 0.91 | 1.00 | 91.33 | 53.00 | 4.65 | Shale | Purple & White band | | | |
| | | | 1.83 | 2.00 | | 55.00 | | Shale | Purple & White band | Bedding at 40° wrt CA | | |
| 55.00 | 58.00 | 3.00 | 3.00 | 3.00 | 100.00 | 58.00 | 4.40 | Shale | Purple & White band | | | micaceous |
| 58.00 | 60.00 | 2.00 | 2.00 | 2.00 | 100.00 | 60.00 | 22.20 | Shale | Purple & White band | | | |

Northing (m): 2902471.904

Easting (m): 692205.54

R.L (m): 248.214

Date of Commencement: 25.06.2024

Date of Closure: 30.06.2024

Total Depth(m): 28.00

Angle from horizontal: 55°

Azimuth: 120°

| Borehole MNP-10 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|---|------------------------------|-----------------------|---------------------------------|-----------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.70 | 60.00 | 0.50 | 0.00 | Soil (Sand+Kankar). | Brown | | | |
| | | | 1.80 | 2.40 | | 3.00 | | Sand (fine) with kankar & Sst. Boulders. | Brown | | | |
| 3.00 | 4.00 | 1.00 | 0.98 | 1.00 | 98.00 | 4.00 | 0.00 | Weathered Shale with lithic fragments containing Phosphorite. | Brown to White | Hard/Compact | Phosphorite Present. | |
| 4.00 | 7.00 | 3.00 | 0.91 | 1.00 | 92.33 | 5.00 | 0.00 | Weathered Shale with lithic fragments containing Phosphorite. | Brown to White | Hard/Compact | Phosphorite. | |
| | | | 1.86 | 2.00 | | 7.00 | | Shale (Brown & white) with phosphorite. | Yellowish brown | Broken/Loose | Phosphorite. | |
| 7.00 | 10.00 | 3.00 | 2.75 | 3.00 | 91.67 | 10.00 | 0.00 | Shale (Brownish white) with grey Sst. Band & phosphorite. | Greyish brown | Fractured | Phosphorite. | |
| 10.00 | 13.00 | 3.00 | 1.62 | 2.00 | 80.00 | 12.00 | 0.00 | Shale (Brownish white) with grey Sst. Band & phosphorite. | Greyish brown | Fractured | Phosphorite. | |
| | | | 0.78 | 1.00 | | 13.00 | | Sst. Fragments with minor Phosphorite. | Brown | Hard/Highly Fractured | Minor Phosphorite Present. | |
| 13.00 | 16.00 | 3.00 | 0.85 | 0.89 | 94.33 | 13.89 | 12.20 | Quartzitic Sst. | Greyish brown | Hard/Compact | | |
| | | | 0.30 | 0.32 | | 14.21 | | Sand with Sst. Boulders. | Brown | loose | | |
| | | | 0.40 | 0.42 | | 14.63 | | Sst. (Grey) with Shale. | Yellowish brown | | | |
| | | | 1.30 | 1.37 | | 16.00 | | Shale (Purple & brown banded) | Brown to Purple & White band | | | |
| 16.00 | 19.00 | 3.00 | 3.00 | 3.00 | 100.00 | 19.00 | 22.20 | Purple & White banded Shale. | Purple & White band | Hard/Compact & Broken | Fractured @35° w.r.t. core axis | Micaceous |
| 19.00 | 22.00 | 3.00 | 2.90 | 3.00 | 96.67 | 22.00 | 12.50 | Purple & White banded Shale. | Purple & White band | Broken | Fractured @65° w.r.t. core axis | Micaceous |
| 22.00 | 25.00 | 3.00 | 2.62 | 3.00 | 87.33 | 25.00 | 18.76 | Purple & White banded Shale. | Purple & White band | Broken/fractured | Fractured @60° w.r.t. core axis | Micaceous |
| 25.00 | 28.00 | 3.00 | 0.80 | 1.14 | 33.67 | 26.14 | 0.00 | Purple & White banded Shale. | Purple & White band | Broken/fractured | Fractured/Broken | |
| | | | 1.30 | 1.86 | | 28.00 | | Shale (Brownish white) with thin Sst. Laminae. | | Broken/fractured | Fractured/Broken | |

Northing (m): 2903110.158
 Easting (m): 692780.607
 R.L (m): 263.27

Date of Commencement: 25.06.2024
 Date of Closure: 30.06.2024
 Total Depth(m): 28.00
 Angle from horizontal: 55°
 Azimuth: 120°

| Borehole MNP-10 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|---|------------------------------|-----------------------|---------------------------------|-----------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.70 | 60.00 | 0.50 | 0.00 | Soil (Sand+Kankar). | Brown | | | |
| | | | 1.80 | 2.40 | | 3.00 | | Sand (fine) with kankar & Sst. Boulders. | Brown | | | |
| 3.00 | 4.00 | 1.00 | 0.98 | 1.00 | 98.00 | 4.00 | 0.00 | Weathered Shale with lithic fragments containing Phosphorite. | Brown to White | Hard/Compact | Phosphorite Present. | |
| 4.00 | 7.00 | 3.00 | 0.91 | 1.00 | 92.33 | 5.00 | 0.00 | Weathered Shale with lithic fragments containing Phosphorite. | Brown to White | Hard/Compact | Phosphorite. | |
| | | | 1.86 | 2.00 | | 7.00 | | Shale (Brown & white) with phosphorite. | Yellowish brown | Broken/Loose | Phosphorite. | |
| 7.00 | 10.00 | 3.00 | 2.75 | 3.00 | 91.67 | 10.00 | 0.00 | Shale (Brownish white) with grey Sst. Band & phosphorite. | Greyish brown | Fractured | Phosphorite. | |
| 10.00 | 13.00 | 3.00 | 1.62 | 2.00 | 80.00 | 12.00 | 0.00 | Shale (Brownish white) with grey Sst. Band & phosphorite. | Greyish brown | Fractured | Phosphorite. | |
| | | | 0.78 | 1.00 | | 13.00 | | Sst. Fragments with minor Phosphorite. | Brown | Hard/Highly Fractured | Minor Phosphorite Present. | |
| 13.00 | 16.00 | 3.00 | 0.85 | 0.89 | 94.33 | 13.89 | 7.80 | Quartzitic Sst. | Greyish brown | Hard/Compact | | |
| | | | 0.30 | 0.32 | | 14.21 | | Sand with Sst. Boulders. | Brown | loose | | |
| | | | 0.40 | 0.42 | | 14.63 | | Sst. (Grey) with Shale. | Yellowish brown | | | |
| | | | 1.30 | 1.37 | | 16.00 | | Shale (Purple & brown banded) | Brown to Purple & White band | | | |
| 16.00 | 19.00 | 3.00 | 3.00 | 3.00 | 100.00 | 19.00 | 24.80 | Purple & White banded Shale. | Purple & White band | Hard/Compact & Broken | Fractured @35° w.r.t. core axis | Micaceous |
| 19.00 | 22.00 | 3.00 | 2.90 | 3.00 | 96.67 | 22.00 | 22.12 | Purple & White banded Shale. | Purple & White band | Broken | Fractured @65° w.r.t. core axis | Micaceous |
| 22.00 | 25.00 | 3.00 | 2.62 | 3.00 | 87.33 | 25.00 | 14.70 | Purple & White banded Shale. | Purple & White band | Broken/fractured | Fractured @60° w.r.t. core axis | Micaceous |
| 25.00 | 28.00 | 3.00 | 0.80 | 1.14 | 33.67 | 26.14 | 0.00 | Purple & White banded Shale. | Purple & White band | Broken/fractured | Fractured/Broken | |
| | | | 1.30 | 1.86 | | 28.00 | | Shale (Brownish white) with thin Sst. Lamine. | | Broken/fractured | Fractured/Broken | |



Northing (m): 2901164.897
 Easting (m): 691119.013
 R.L (m): 267.959

Date of Commencement: 01.07.2024
 Date of Closure: 07.07.2024
 Total Depth(m): 40.00
 Angle from horizontal: 55°
 Azimuth: 120°

| Borehole MNP-11 | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|--------------|---------|--|-------------------------------|--------------------------------|------------------------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolated | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details |
| From | To | Thickness | Thickness | Thickness (m) | (%) | Depth | | | | | Remarks |
| 0.00 | 3.00 | 3.00 | - | 0.60 | 76.67 | 0.60 | 0.00 | Soil (Sand+Clay). | Light Brown | | |
| | | | 1.70 | 1.77 | | 2.37 | | Sand Sludge | Light Brown | | |
| | | | 0.60 | 0.63 | | 3.00 | | Kankar | | | |
| 3.00 | 6.00 | 3.00 | 0.60 | 1.10 | 80.00 | 4.10 | 0.00 | Sand Sludge | | loose | |
| | | | 1.80 | 1.90 | | 6.00 | | Sandy shale with carbonate veins. | Dull brown | Broken | |
| 6.00 | 9.00 | 3.00 | 2.76 | 3.00 | 92.00 | 9.00 | 0.00 | Sandy Shale. | Brown & White | Broken | |
| 9.00 | 13.00 | 4.00 | 1.70 | 1.70 | 100.00 | 10.70 | 0.00 | Shale (Dull Brown) with carbonate veins. | Dull brown | | |
| | | | 0.70 | 0.70 | | 11.40 | | Cherty Limestone with Shale bands. | | | |
| | | | 1.60 | 1.60 | | 13.00 | | Sandy Shale. | Dull brown | | |
| 13.00 | 16.00 | 3.00 | 3.00 | 3.00 | 100.00 | 16.00 | 20.46 | Shale | Dull brown | | |
| 16.00 | 19.00 | 3.00 | 3.00 | 3.00 | 100.00 | 19.00 | 28.50 | Shale | Dull brown | bedding at35° w.r.t. core axis | |
| 19.00 | 22.00 | 3.00 | 2.80 | 3.00 | 93.33 | 22.00 | 19.20 | Shale | Brown & White banded | | |
| 22.00 | 25.00 | 3.00 | 2.05 | 2.10 | 98.00 | 24.10 | 3.00 | Brown & White banded Shale. | Brown & White banded | | |
| | | | 0.89 | 0.90 | | 25.00 | | Purple & Brown banded Shale. | Purple & Brown | | |
| 25.00 | 28.00 | 3.00 | 0.60 | 0.60 | 80.00 | 25.60 | 14.90 | Purple & Brown banded Shale. | Purple & Brown | | |
| | | | 1.40 | 1.40 | | 27.00 | | Yellow Limestone with Shale bands & minor Phosphorite bands. | Yellow brown with grey bands. | | Phosphorite Present. |
| | | | 1.00 | 1.00 | | 28.00 | | Purple & Brown banded Shale.with minor phosphorite. | Purple & Brown | | Phosphorite Present. |
| 28.00 | 31.00 | 3.00 | 2.00 | 2.00 | 100.00 | 30.00 | 7.87 | Purple & Brown banded Shale.with minor phosphorite. | Purple & Brown | | Phosphorite Present. |
| | | | 1.00 | 1.00 | | 31.00 | | Shale with Yellow Limestone bands & Phosphorite. | Yellow brown | | Phosphorite Present. |
| 31.00 | 34.00 | 3.00 | 2.88 | 3.00 | 96.00 | 34.00 | 6.20 | Shale with grey bands & Phosphorites. | Yellowish brown | bedding at25° w.r.t. core axis | Phosphorite Present. |
| 34.00 | 37.00 | 3.00 | 1.00 | 1.00 | 100.00 | 35.00 | 8.86 | Shale with minor grey Sst. Bands & Phosphorite. | Yellowish brown | Broken/fractured | Phosphorite Present. |
| | | | 1.20 | 1.20 | | 36.20 | | Shale with minor grey Sst. Bands & Phosphorite. | Yellowish brown | | Phosphorite Present. |
| | | | 0.80 | 0.80 | | 37.00 | | Quartzitic Sst. | Brown. | | |
| 37.00 | 40.00 | 3.00 | 3.00 | 3.00 | 100.00 | 40.00 | 34.40 | Quartzitic Sst. | Brown. | | |

Northing (m): 2900929.253
 Easting (m): 690881.455
 R.L (m): 266.913

Date of Commencement: 08.07.2024
 Date of Closure: 14.07.2024
 Total Depth(m): 40.00
 Angle from horizontal: 55°
 Azimuth: 130°

| Borehole MNP-12 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|---|---------------------|---------------------|----------------------------|---------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.70 | 70.00 | 0.70 | 0.00 | Soil (Sand+Clay). | Brown | | | |
| | | | 2.10 | 2.30 | | 3.00 | | Weathered Shale. | Brown | | | |
| 3.00 | 6.00 | 3.00 | 2.65 | 3.00 | 86.67 | 6.00 | 0.00 | Limestone with Shale bands. | Yellow | | | |
| 6.00 | 9.00 | 3.00 | 1.00 | 1.00 | 99.33 | 7.00 | 0.00 | Shale with Limestone bands. | Yellow | | | |
| | | | 0.50 | 0.50 | | 7.50 | | Limestone with Shale bands & minor Phosphorite. | | | Phosphorite Present. | |
| | | | 0.50 | 0.50 | | 8.00 | | Shale | Purplr grey | | | |
| | | | 0.98 | 1.00 | | 9.00 | | Limestone with Shale bands. | Yellowish brown | | minor Phosphorite Present. | |
| 9.00 | 12.00 | 3.00 | 1.70 | 2.00 | 86.67 | 11.00 | 4.40 | Shale | Purplr grey | | | |
| | | | 0.90 | 1.00 | | 12.00 | | Limestone with Shale bands. | Yellow | | Phosphorite bands | |
| 12.00 | 15.00 | 3.00 | 3.00 | 3.00 | 100.00 | 15.00 | 13.33 | Limestone with Shale bands. | Purple brown | | minor Phosphorite Present. | |
| 15.00 | 18.00 | 3.00 | 1.00 | 1.00 | 100.00 | 16.00 | 16.68 | Shale with minor Limestone bands. | Purple brown | | | |
| | | | 1.50 | 1.50 | | 17.50 | | Limestone with Shale bands. | Yellowish brown | | minor Phosphorite Present. | |
| | | | 0.50 | 0.50 | | 18.00 | | Limestone | Yellow | | minor Phosphorite Present. | |
| 18.00 | 21.00 | 3.00 | 3.00 | 3.00 | 100.00 | 21.00 | 12.28 | Shale with Limestone bands. | Yellow | \ | minor Phosphorite Present. | |
| 21.00 | 24.00 | 3.00 | 1.00 | 1.00 | 98.67 | 22.00 | 8.74 | Limestone with Phosphorite bands. | Greyish brown | | minor Phosphorite Present. | |
| | | | 0.96 | 1.00 | | 23.00 | | Sst. (Fgd) with phosphorite bands. | Greyish brown | | Phosphorite bands. | |
| | | | 0.90 | 0.90 | | 23.90 | | Sst. With few Limestone & shale bands. | Greyish brown | | minor Phosphorite Present. | |
| | | | 0.10 | 0.10 | | 24.00 | | Shale. | Purple & white | | | |
| 24.00 | 27.00 | 3.00 | 2.92 | 3.00 | 97.33 | 27.00 | 14.92 | Purple & white banded Shale. | Purple & white | | | |
| 27.00 | 30.00 | 3.00 | 2.96 | 3.00 | 98.67 | 30.00 | 16.21 | Purple & white banded Shale. | Purple & white | | | |
| 30.00 | 33.00 | 3.00 | 2.98 | 3.00 | 99.33 | 33.00 | 18.78 | Yellowish to purple Shale. | Yellowish to purple | | | |
| 33.00 | 35.00 | 2.00 | 1.85 | 2.00 | 92.50 | 35.00 | 8.22 | Yellowish to purple Shale. | Yellowish to purple | | | |
| 35.00 | 38.00 | 3.00 | 1.93 | 1.95 | 98.67 | 36.95 | 12.90 | Shale with Calc. Sst. Bands. | Yellowish grey | | | |
| | | | 1.03 | 1.05 | | 38.00 | | Calc. Sst. | Greyish brown | | | |
| 38.00 | 40.00 | 2.00 | 1.50 | 1.50 | 100.00 | 39.50 | 18.81 | Calc. Sst. | Greyish brown | | | |
| | | | 0.50 | 0.50 | | 40.00 | | Calc. Sst. | Yellowish brow | | | |

Northing (m): 2901817.572
 Easting (m): 691581.947
 R.L (m): 252.995

Date of Commencement: 09.07.2024
 Date of Closure: 13.07.2024
 Total Depth(m): 25.00
 Angle from horizontal: 55°
 Azimuth: 115°

Azimuth: 115°

| Borehole MNP-13 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|---|---------------------|---------------------|----------------------------|---------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.60 | 80.00 | 0.60 | 0.00 | Soil | Brown | | | |
| | | | 1.40 | 1.40 | | 2.00 | | Sand with kankar | Brown | | | |
| | | | 1.00 | 1.00 | | 3.00 | | Shale with clay. | White | | minor Phosphorite Present. | |
| 3.00 | 4.00 | 1.00 | 1.00 | 1.00 | 100.00 | 4.00 | 0.00 | Shale bands with Kankar | Yellow | | minor Phosphorite Present. | |
| 4.00 | 7.00 | 3.00 | 2.90 | 3.00 | 96.67 | 7.00 | 0.00 | Shale (fragmented/Broken) with minor phosphorite bands. | Yellowish to grey | | minor Phosphorite Present. | |
| 7.00 | 10.00 | 3.00 | 1.00 | 1.00 | 99.33 | 8.00 | 0.00 | Sandstone with phosphorite bands | Brownish grey | | Phosphorite bands | |
| | | | 1.00 | 1.00 | | 9.00 | | Sandstone with Shale bands & phosphorite | Yellowish to grey | | Phosphorite bands | |
| | | | 0.98 | 1.00 | | 10.00 | | Shale with minor phosphorite bands. | Yellow to purple | | minor Phosphorite bands | |
| 10.00 | 13.00 | 3.00 | 0.96 | 1.00 | 95.67 | 11.00 | 11.73 | Shale with minor phosphorite bands. | Yellow to purple | | minor Phosphorite bands | |
| | | | 0.95 | 1.00 | | 12.00 | | Shale with bandings. | White to purple | | | |
| | | | 0.96 | 1.00 | | 13.00 | | Shale | Yellowish | | | |
| 13.00 | 16.00 | 3.00 | 2.90 | 3.00 | 96.67 | 16.00 | 12.20 | Shale with alternate bandings. | Red to purple | | | |
| 16.00 | 19.00 | 3.00 | 2.92 | 3.00 | 97.33 | 19.00 | 7.50 | Shale with alternate bandings. | Grey to purple | | | |
| 19.00 | 22.00 | 3.00 | 2.30 | 3.00 | 76.67 | 22.00 | 21.88 | Shale (Broken). | Yellowish to purple | | | |
| 22.00 | 25.00 | 3.00 | 1.50 | 1.50 | 100.00 | 23.50 | 25.50 | Shale with minor Sst. bands. | Yellowish to grey | | | |
| | | | 1.50 | 1.50 | | 25.00 | | Sst. | Yellowish to brown | | | |

Northing (m): 2901191.673
 Easting (m): 691069.071
 R.L (m): 271.09

Date of Commencement: 16.07.2024
 Date of Closure: 28.07.2024
 Total Depth(m): 75.00
 Angle from horizontal: 50°
 Azimuth: 300°

| Borehole MNP-14 | | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|------------|---------|--|--------------|---------------------|---------------------------|--------------------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolat | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 1.00 | 0.00 | 1.00 | 0.00 | Soil. (Sandy) | Light Brown | | | |
| | | | 0.80 | 0.88 | 90.91 | 1.88 | | Shale with Soil | Light Brown | | | |
| | | | 1.00 | 1.12 | 89.29 | 3.00 | | Shale with Kankar | Light Brown | | | |
| 3.00 | 4.00 | 3.00 | 0.98 | 1.00 | 98.00 | 4.00 | 9.90 | Shale weathered | Light Brown | | | |
| 4.00 | 7.00 | 3.00 | 2.20 | 3.00 | 73.33 | 7.00 | 10.80 | Shale with Kankar | Grey Brown | | | |
| 7.00 | 10.00 | 3.00 | 2.90 | 3.00 | 96.67 | 10.00 | 12.12 | Shale | Grey Brown | | | |
| 10.00 | 13.00 | 3.00 | 2.96 | 3.00 | 98.67 | 13.00 | 6.60 | Shale | Purple Brown | | | |
| 13.00 | 16.00 | 3.00 | 2.98 | 3.00 | 99.33 | 16.00 | 23.44 | Shale | Purple Brown | | | |
| 16.00 | 19.00 | 3.00 | 2.96 | 3.00 | 98.67 | 19.00 | 18.88 | Shale | Purple Brown | | | |
| 19.00 | 22.00 | 3.00 | 2.96 | 3.00 | 98.67 | 22.00 | 16.79 | Shale | Yellow brown | | | |
| 22.00 | 25.00 | 3.00 | 2.98 | 3.00 | 99.33 | 25.00 | 28.60 | Shale | Grey Brown | | | |
| 25.00 | 28.00 | 3.00 | 2.97 | 3.00 | 99.00 | 28.00 | 34.90 | Shale | Grey Brown | | | |
| 28.00 | 31.00 | 3.00 | 2.99 | 3.00 | 99.67 | 31.00 | 22.88 | Shale | Grey Brown | | | secondary fillings |
| 31.00 | 34.00 | 3.00 | 2.98 | 3.00 | 99.33 | 34.00 | 21.10 | Shale | Grey Brown | | | |
| 34.00 | 37.00 | 3.00 | 2.97 | 3.00 | 99.00 | 37.00 | 11.90 | Shale | Grey Brown | | | |
| 37.00 | 40.00 | 3.00 | 2.94 | 3.00 | 98.00 | 40.00 | 24.50 | Shale | Purple Brown | | | |
| 40.00 | 43.00 | 3.00 | 2.97 | 3.00 | 99.00 | 43.00 | 18.10 | Shale | Purple grey | | | |
| 43.00 | 46.00 | 3.00 | 3.00 | 3.00 | 100.00 | 46.00 | 29.89 | Shale | Purple grey | | | |
| 46.00 | 49.00 | 3.00 | 2.96 | 3.00 | 98.67 | 49.00 | 23.98 | Shale | Purple grey | | | |
| 49.00 | 52.00 | 3.00 | 3.00 | 3.00 | 100.00 | 52.00 | 16.90 | Shale | Grey Brown | | | |
| 52.00 | 55.00 | 3.00 | 2.90 | 3.00 | 96.67 | 55.00 | 14.40 | Shale | Yellow brown | | | |
| 55.00 | 58.00 | 3.00 | 2.00 | 2.00 | 100.00 | 57.00 | 7.70 | Shale with minor Phosphorite bands | Yellow brown | | Minor Phosphorite present | |
| | | | 1.00 | 1.00 | 100.00 | 58.00 | | Shale with minor Phosphorite bands | Purple grey | | Minor Phosphorite present | |
| 58.00 | 61.00 | 3.00 | 3.00 | 3.00 | 100.00 | 61.00 | 14.40 | Shale with Limestone bands and minor Phosphorite bands | Pink Grey | | Minor Phosphorite present | |
| 61.00 | 64.00 | 3.00 | 2.98 | 3.00 | 99.33 | 64.00 | 11.11 | Shale with minor Phosphorite bands | Purple Brown | | Minor Phosphorite present | |
| 64.00 | 67.00 | 3.00 | 2.48 | 2.50 | 99.20 | 66.50 | 9.90 | Shale | Grey Brown | | Minor Phosphorite present | |
| | | | 0.50 | 0.50 | 100.00 | 67.00 | | Shale with grey sandstone and phosphorite bands | Grey Brown | | Phosphorite present | |
| 67.00 | 70.00 | 3.00 | 0.60 | 0.60 | 100.00 | 67.60 | 4.49 | Shale with grey sandstone and phosphorite bands | Grey Brown | | Phosphorite present | |
| | | | 1.90 | 1.90 | 100.00 | 69.50 | | Sandstone | grey brown | | | |
| | | | 0.50 | 0.50 | 100.00 | 70.00 | | Shale | Yellow brown | | | |
| 70.00 | 73.00 | 3.00 | 2.96 | 3.00 | 98.67 | 73.00 | 8.60 | Shale | Purple grey | | | |
| 73.00 | 75.00 | 2.00 | 0.92 | 0.95 | 96.84 | 73.95 | 5.87 | Shale | Purple grey | | | |
| | | | 1.00 | 1.05 | 95.24 | 75.00 | | Shale | Brown | | | |

Northing (m): 2900891.619
 Easting (m): 690504.728
 R.L (m): 258.544

Date of Commencement: 16.07.2024
 Date of Closure: 21.07.2024
 Total Depth(m): 36.00
 Angle from horizontal: 60°
 Azimuth: 155°

| Borehole MNP-15 | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|------------|---------|---|------------------------------|---------------------|---------------------------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolat | RQD (%) | Lithology | Colour | Structural Features | Mineralization |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Details |
| 0.00 | 1.00 | 3.00 | - | 0.60 | 40.00 | 0.60 | 0.00 | Soil. | Brown | | |
| | | | 0.40 | 0.40 | | 1.00 | | Limestone fragments. | Grey | | |
| 1.00 | 4.00 | 3.00 | 2.70 | 2.74 | 98.33 | 3.74 | 0.00 | Limestone with fragments of kankar | Grey to Light Yellow | | |
| | | | 0.25 | 0.26 | | 4.00 | | Shale weathered (Fragmented). | Grey | | |
| 4.00 | 7.00 | 3.00 | 1.70 | 1.75 | 96.67 | 5.75 | 0.00 | Limestone with Shale fragments. | Yellow | | |
| | | | 1.20 | 1.25 | | 7.00 | | Shale (Red to Purple grey). | Red to Purple grey | | |
| 7.00 | 10.00 | 3.00 | 0.80 | 0.82 | 97.33 | 7.82 | 0.00 | Shale | Red to grey | | |
| | | | 0.66 | 0.68 | | 8.50 | | Limestone. | Grey | | |
| | | | 1.46 | 1.50 | | 10.00 | | Shale with minor Limestone fragments.. | Light red to purple | | |
| 10.00 | 13.00 | 3.00 | 0.70 | 0.78 | 93.33 | 10.78 | 0.00 | Red to grey Shale | Red to grey | | |
| | | | 0.20 | 0.22 | | 11.00 | | Grey coloured Limestone with minor sec. fillings. | Grey | | |
| | | | 1.90 | 2.00 | | 13.00 | | Grey coloured Shale. | Grey | | |
| 13.00 | 16.00 | 3.00 | 2.60 | 2.65 | 98.00 | 15.65 | 10.67 | Shale | Red to grey | | |
| | | | 0.34 | 0.35 | | 16.00 | | Yellow coloured Limestone. | Yellow | | |
| 16.00 | 19.00 | 3.00 | 0.50 | 0.50 | 84.33 | 16.50 | 6.33 | Light yellowish to light red Limestone. | Light yellowish to light red | | |
| | | | 1.00 | 1.00 | | 17.50 | | Shale | Grey to purple | | |
| | | | 0.50 | 0.50 | | 18.00 | | Grey Sst. With minor Phosphorite bands, | Grey | | minor phosphorite present |
| | | | 0.50 | 0.50 | | 18.50 | | Purple & white banded Shale. | Purple & white | | |
| | | | 0.50 | 0.50 | | 19.00 | | Grey Sst. with minor Phosphorite bands, | Grey | | Phosphorite bands |
| 19.00 | 22.00 | 3.00 | 1.30 | 1.50 | 88.67 | 20.50 | 8.67 | Grey Sst. with minor Phosphorite bands, | Grey | | Phosphorite Present. |
| | | | 1.36 | 1.50 | | 22.00 | | Yellowish coloured Shale. | Yellowish | | |
| 22.00 | 25.00 | 3.00 | 2.70 | 3.00 | 90.00 | 25.00 | 0.00 | Yellowish coloured Shale with fragments of Sst. | Yellowish | | |
| 25.00 | 28.00 | 3.00 | 2.90 | 3.00 | 96.67 | 28.00 | 7.33 | Yellowish to Purple red banded Shale. | Yellowish to Purple red | | |
| 28.00 | 31.00 | 3.00 | 2.92 | 3.00 | 97.33 | 31.00 | 23.67 | Yellowish to purple Shale. | Yellowish to purple | | |
| 31.00 | 34.00 | 3.00 | 2.90 | 3.00 | 96.67 | 34.00 | 0.00 | Yellowish to grey Shale. | Yellowish to grey | | |
| 34.00 | 36.00 | 2.00 | 1.86 | 2.00 | 93.00 | 36.00 | 0.00 | Calcareous Sst | Brown | | secondary calcite viens |



Northing (m): 2902090.287
 Easting (m): 691617.51
 R.L (m): 250.002

Date of Commencement: 25.07.2024
 Date of Closure: 03.08.2024
 Total Depth(m): 60.00
 Angle from horizontal: 55°
 Azimuth: 260°

| Borehole MNP-16 | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|--------------|---------|---------------------------------------|--------------|---------------------|---------------------------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolated | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Remarks |
| 0.00 | 1.00 | 1.00 | - | 0.60 | 0.00 | 1.00 | 0.00 | Soil. (Sandy) | Light Brown | | |
| 1.00 | 4.00 | 3.00 | 2.20 | 3.00 | 73.33 | 4.00 | 0.00 | Loose Sand with Limestone boulder. | Light Brown | | |
| 4.00 | 7.00 | 3.00 | 2.40 | 3.00 | 80.00 | 7.00 | 0.00 | Sandstone Mgd with Kankar | Grey Brown | | |
| 7.00 | 10.00 | 3.00 | 1.12 | 1.32 | 85.00 | 8.32 | 0.00 | Sandstone Mgd with Kankar | Grey Brown | | |
| | | | 1.43 | 1.68 | | 10.00 | | Weathered Shale with Sandstone Bands. | Yellow brown | | |
| 10.00 | 13.00 | 3.00 | 2.56 | 3.00 | 85.33 | 13.00 | 0.00 | Shale | Purple Grey | | |
| 13.00 | 16.00 | 3.00 | 0.80 | 0.80 | 100.00 | 13.80 | 0.00 | Shale | Purple Grey | | Minor Phosphorite |
| | | | 2.20 | 2.20 | | 16.00 | | Sandstone | Grey brown | | |
| 16.00 | 19.00 | 3.00 | 0.80 | 0.80 | 96.67 | 16.80 | 0.00 | Sandstone | Grey brown | | |
| | | | 0.80 | 0.80 | | 17.60 | | Brown Shale | Brown | | |
| | | | 1.40 | 1.40 | | 19.00 | | Shale | Purple grey | | |
| 19.00 | 22.00 | 3.00 | 2.83 | 3.00 | 94.33 | 22.00 | 11.78 | Shale | Purple grey | | |
| 22.00 | 25.00 | 3.00 | 3.00 | 3.00 | 100.00 | 25.00 | 8.90 | Shale | Purple grey | | |
| 25.00 | 28.00 | 3.00 | 3.00 | 3.00 | 100.00 | 28.00 | 18.21 | Shale | Purple grey | | |
| 28.00 | 31.00 | 3.00 | 3.00 | 3.00 | 100.00 | 31.00 | 23.88 | Shale | Brown | Vertical fractures | |
| 31.00 | 34.00 | 3.00 | 0.60 | 0.60 | 100.00 | 31.60 | 6.49 | Shale | Brown | | |
| | | | 1.00 | 1.00 | | 32.60 | | Shale with Sandstone Bands. | Grey | | |
| | | | 1.40 | 1.40 | | 34.00 | | Shale | Purple grey | | |
| 34.00 | 37.00 | 3.00 | 0.70 | 0.70 | 100.00 | 34.70 | 15.59 | Shale | Purple grey | | |
| | | | 2.30 | 2.30 | | 37.00 | | Sandstone Mgd | Grey white | | |
| 37.00 | 40.00 | 3.00 | 3.00 | 3.00 | 100.00 | 40.00 | 6.37 | Sandstone | Grey Brown | | |
| 40.00 | 43.00 | 3.00 | 1.00 | 1.00 | 100.00 | 41.00 | 12.66 | Sandy shale | Light brown | | |
| | | | 2.00 | 2.00 | | 43.00 | | Shale | Purple grey | | |
| 43.00 | 46.00 | 3.00 | 3.00 | 3.00 | 100.00 | 46.00 | 23.21 | Shale | Purple grey | | |
| 46.00 | 49.00 | 3.00 | 3.00 | 3.00 | 100.00 | 49.00 | 27.70 | Shale | Yellow brown | | |
| 49.00 | 50.00 | 1.00 | 1.00 | 1.00 | 100.00 | 50.00 | 22.11 | Shale | Yellow brown | | |
| 50.00 | 53.00 | 3.00 | 0.20 | 0.20 | 100.00 | 50.20 | 0.00 | Shale | Yellow brown | | |
| | | | 0.30 | 0.30 | | 50.50 | | Quartzitic Sandstone | Grey brown | | |
| | | | 0.50 | 0.50 | | 51.00 | | Shale with minor Phosphorite bands, | | | |
| | | | 1.00 | 1.00 | | 52.00 | | Shale with minor Phosphorite bands, | | | |
| | | | 1.00 | 1.00 | | 53.00 | | Shale with minor Phosphorite bands, | Grey brown | | minor Phosphorite present |
| 53.00 | 56.00 | 3.00 | 1.40 | 1.40 | 100.00 | 54.40 | 11.17 | Shale with minor Phosphorite bands, | Grey brown | | minor Phosphorite present |
| | | | 1.60 | 1.60 | | 56.00 | | Shale | Purple grey | | |
| 56.00 | 59.00 | 3.00 | 1.20 | 1.20 | 100.00 | 57.20 | 8.24 | Shale with Sandstone Bands | Purple grey | | |
| | | | 1.80 | 1.80 | | 59.00 | | Shale | Purple grey | | |
| 59.00 | 60.00 | 1.00 | 1.00 | 1.00 | 100.00 | 60.00 | 6.90 | Shale | Purple grey | | |



Northing (m): 22902076.932
 Easting (m): 691680.859
 R.L (m): 249.692

Date of Commencement: 29.07.2024
 Date of Closure: 06.08.2024
 Total Depth(m): 50.00
 Angle from horizontal: 55°
 Azimuth: 110°

| Borehole MNP-17 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|---|-----------------------|---------------------|------------------------|---|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 3.00 | 3.00 | - | 0.60 | 0.00 | 1.00 | 0.00 | Soil. (Clay+Sand) | Light Brown | | | |
| | | | 1.80 | 2.40 | 75.00 | 3.40 | | Loose Sand with Kankar | Brown | Hard & Compact | | |
| 3.00 | 4.00 | 1.00 | 0.80 | 1.00 | 80.00 | 4.00 | 0.00 | Loose Sand with Kankar | | Hard & Compact | | Ferruginous Ferruginous Ferruginous |
| 4.00 | 7.00 | 3.00 | 2.65 | 3.00 | 88.33 | 7.00 | 0.00 | Kankar | | Hard & Compact | | |
| 7.00 | 10.00 | 3.00 | 2.70 | 3.00 | 90.00 | 10.00 | 0.00 | Shale with Kankar | | Loose/Broken | | |
| 10.00 | 13.00 | 3.00 | 2.40 | 3.00 | 85.33 | 13.00 | 0.00 | Shale with Kankar | | Loose/Broken | | |
| 13.00 | 16.00 | 3.00 | 2.71 | 3.00 | 100.00 | 16.00 | 0.00 | Shale | Brown | Flaky | Minor Phosphorite | |
| 16.00 | 19.00 | 3.00 | 2.85 | 3.00 | 96.67 | 19.00 | 3.67 | Shale with yellow Limestone.(Intermixed). | | | | |
| 19.00 | 22.00 | 3.00 | 2.68 | 3.00 | 89.33 | 22.00 | 0.00 | Shale with yellow Limestone.(Intermixed). | | | | |
| 22.00 | 25.00 | 3.00 | 2.63 | 3.00 | 87.67 | 25.00 | 0.00 | Shale with yellow Limestone.(Intermixed). | | | | |
| 25.00 | 28.00 | 3.00 | 2.82 | 3.00 | 94.00 | 28.00 | 9.00 | Shale with Limestone bands. | Yellow brown | | | |
| 28.00 | 31.00 | 3.00 | 3.00 | 3.00 | 100.00 | 31.00 | 5.00 | Shale with Limestone bands. | Yellow brown | Vertical fractures | | |
| 31.00 | 34.00 | 3.00 | 2.85 | 3.00 | 95.00 | 34.00 | 12.33 | Shale with Limestone bands. | Pink to greyish brown | | | |
| 34.00 | 37.00 | 3.00 | 0.75 | 0.80 | 93.75 | 34.80 | 0.00 | Shale | Brown | | | |
| | | | 0.50 | 0.50 | 100.00 | 35.30 | | Shale with grey Sst. Band contain Phosphorite. | Brown | | Minor Phosphorite | |
| | | | 0.70 | 0.70 | | 36.00 | | Shale | Purple grey | | Minor Phosphorite | |
| | | | 0.95 | 1.00 | | 37.00 | | Shale with grey Sst. Band contain Phosphorite. | | | Phosphorite | |
| 37.00 | 40.00 | 3.00 | 0.70 | 0.70 | 100.00 | 37.70 | 7.33 | Shale purple grey Sst. Band contain Phosphorite. | Purple grey | | Minor Phosphorite | |
| | | | 2.30 | 2.30 | | 40.00 | | Shale | Greyish brown | | | |
| 40.00 | 43.00 | 3.00 | 0.60 | 0.60 | 100.00 | 40.60 | 0.00 | Shale | Light brown | | | |
| | | | 0.40 | 0.40 | | 41.00 | | Yellow Limestone. | | | | |
| | | | 1.00 | 1.00 | | 42.00 | | Shale with Limestone contain minor Phosphorite. | | | | |
| | | | 1.00 | 1.00 | | 43.00 | | Shale with grey Sst. Band contain Phosphorite. | | | Minor Phosphorite | |
| 43.00 | 46.00 | 3.00 | 1.00 | 1.00 | 100.00 | 44.00 | 0.00 | Shale with Limestone & grey Sst. bands contain minor Phosphorite. | | | Minor Phosphorite | |
| | | | 2.00 | 2.00 | | 46.00 | | Shale with Limestone & grey Sst. bands contain minor Phosphorite. | | | | |
| 46.00 | 49.00 | 3.00 | 0.97 | 1.00 | 100.00 | 47.00 | 0.00 | Sst. Mgd with minor Phosphorite. | Yellow brown | | Minor Phosphorite | |
| | | | 0.97 | 1.00 | | 48.00 | | Shale with Sst. Band & minor Phosphorite. | | | Minor Phosphorite | |
| | | | 1.00 | 1.00 | | 49.00 | | Shale purple & brown alternate banding. | Purple & brown | | | |
| 49.00 | 50.00 | 1.00 | 1.00 | 1.00 | 100.00 | 50.00 | 0.00 | Shale purple & brown alternate banding. | Purple & brown | | | |



Northing (m): 2902347.722
 Easting (m): 691951.471
 R.L (m): 247.993

Date of Commencement: 05.08.2024
 Date of Closure: 11.08.2024
 Total Depth(m): 50.00
 Angle from horizontal: 55°
 Azimuth: 120°

| Borehole MNP-18 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|--|-----------------------------|-----------------------------------|------------------------|----------------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 2.00 | 2.00 | - | 0.80 | 45.00 | 0.80 | 0.00 | Soil. (Clay+Sand) | Brown | | | |
| | | | 0.90 | 1.20 | | 2.00 | | Kankar | Brown | | | |
| 2.00 | 5.00 | 3.00 | 2.60 | 3.00 | 86.67 | 5.00 | 0.00 | Weathered Shale with Kankar | Brown | | | |
| 5.00 | 8.00 | 3.00 | 2.40 | 3.00 | 80.00 | 8.00 | 0.00 | Shale | Pale Brown | | | |
| 8.00 | 11.00 | 3.00 | 0.50 | 0.58 | 86.67 | 8.58 | 0.00 | Shale with Quartzitic Sst. Boulders. | Pale Brown | | | |
| | | | 2.10 | 2.42 | | 11.00 | | Shale | Yellow brown | Flaky | | |
| 11.00 | 14.00 | 3.00 | 1.80 | 2.00 | 90.67 | 13.00 | 0.00 | Shale | Purple Brown | | | |
| | | | 0.92 | 1.00 | | 14.00 | | Shale with minor phosphorite bands. | Yellow brown | | Minor Phosphorite | |
| 14.00 | 17.00 | 3.00 | 0.91 | 1.00 | 93.67 | 15.00 | 0.00 | Shale withr phosphorite bands. | Yellowish to greyish brown | | Minor Phosphorite | |
| | | | 0.90 | 1.00 | | 16.00 | | Shale withr phosphorite bands. | | | | |
| | | | 0.60 | 0.60 | | 16.60 | | Sst. With minor Phosphorite. | Greyish brown | | Minor Phosphorite | |
| | | | 0.40 | 0.40 | | 17.00 | | Shale withr phosphorite bands. | Yellowish brown | | Phosphorite. | |
| 17.00 | 20.00 | 3.00 | 1.10 | 1.10 | 100.00 | 18.10 | 3.67 | Shale with grey Sst. Band contain Phosphorite. | Yellowish to greyish brown | | Phosphorite. | |
| | | | 0.90 | 0.90 | | 19.00 | | Sst. With minor Phosphorite. | Greyish brown | | Phosphorite. | |
| | | | 1.00 | 1.00 | | 20.00 | | Sandy Shale | Brown & grey bands | | | |
| 20.00 | 23.00 | 3.00 | 3.00 | 3.00 | 100.00 | 23.00 | 0.00 | Shale | Purple & brown | | | |
| 23.00 | 26.00 | 3.00 | 3.00 | 3.00 | 100.00 | 26.00 | 7.00 | Shale | Purple & brown | | | |
| 26.00 | 29.00 | 3.00 | 3.00 | 3.00 | 100.00 | 29.00 | 10.67 | Shale | Purple & brown | | | |
| 29.00 | 32.00 | 3.00 | 2.00 | 2.00 | 100.00 | 31.00 | 21.67 | Shale | Pale Brown | | | |
| | | | 1.00 | 1.00 | | 32.00 | | Calc. Sst. With minor Phosphorite. | Greyish brown | | Minor Phosphorite | |
| 32.00 | 35.00 | 3.00 | 3.00 | 3.00 | 100.00 | 35.00 | 36.67 | Calc. Sst. With minor Phosphorite. | Greyish brown | Fractured at 28° w.r.t. core axis | Minor Phosphorite | |
| 35.00 | 38.00 | 3.00 | 3.00 | 3.00 | 100.00 | 38.00 | 47.33 | Calc. Sst. With minor Phosphorite. | Greyish brown | Fractured at 60° w.r.t. core axis | | |
| 38.00 | 41.00 | 3.00 | 0.52 | 0.52 | 100.00 | 38.52 | 74.67 | Shale with thin Sst. Bands. | Pale Brown | | | |
| | | | 2.48 | 2.48 | | 41.00 | | Calcareous Sst. | Greyish brown | | | Calcite veins. |
| 41.00 | 44.00 | 3.00 | 1.00 | 1.00 | 100.00 | 42.00 | 44.00 | Calcareous Sst. With shale bands. | Greyish brown | | | |
| | | | 2.30 | 2.00 | | 44.00 | | Calcareous Shale | Pale brown to greyish brown | | | Micaceous |
| 44.00 | 47.00 | 3.00 | 1.00 | 1.46 | 65.33 | 45.46 | 8.67 | Grey Calcareous Shale | Grey | | | |
| | | | 0.96 | 1.54 | | 47.00 | | Shale | Pale Brown | | | |
| 47.00 | 50.00 | 3.00 | 3.00 | 3.00 | 100.00 | 50.00 | 0.00 | Shale with Sst. Bands. | Pale Brown | | | |

Northing (m): 2901401.901
 Easting (m): 691239.88
 R.L (m): 263.648

Date of Commencement: 08.08.2024
 Date of Closure: 15.08.2024
 Total Depth(m): 70.00
 Angle from horizontal: 55°
 Azimuth: 300°

| Borehole MNP-19 | | | | | | | | | | | | |
|-----------------|-------|-----------|--------------------|----------------------------|--------------|--------------------|---------|--|----------------------|-----------------------------------|------------------------|-----------------|
| Run (m) | | | Recovery Thickness | Extrapolated Thickness (m) | Recovery (%) | Extrapolated Depth | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details | Remarks |
| From | To | Thickness | | | | | | | | | | |
| 0.00 | 1.00 | 1.00 | - | 0.80 | 30.00 | 1.00 | 0.00 | Soil. (Sandy) | Light Brown | | | |
| 1.00 | 4.00 | 3.00 | 2.20 | 3.00 | 73.33 | 4.00 | 0.00 | Loose sand with Kankar | Light Brown | | | |
| 4.00 | 7.00 | 3.00 | 2.60 | 3.00 | 86.67 | 7.00 | 0.00 | Shale with Sst. Bands. | Grey Brown | | | |
| 7.00 | 10.00 | 3.00 | 0.50 | 0.58 | 86.67 | 7.58 | 0.00 | Shale with Sst. Bands. | Grey Brown | | | |
| | | | 2.10 | 2.42 | | 10.00 | | Shale | Pale brown | | | |
| 10.00 | 13.00 | 3.00 | 2.65 | 3.00 | 88.33 | 13.00 | 12.22 | Shale | Pale brown | | | |
| 13.00 | 16.00 | 3.00 | 2.75 | 3.00 | 91.67 | 16.00 | 11.10 | Shale with Limestone bands. | Yellow brown | | | |
| 16.00 | 19.00 | 3.00 | 0.50 | 0.50 | 100.00 | 16.50 | 6.68 | Shale | Yellow brown | | | |
| | | | 2.50 | 2.50 | | 19.00 | | Shale | Grey brown | | | |
| 19.00 | 22.00 | 3.00 | 3.00 | 3.00 | 100.00 | 22.00 | 11.88 | Shale | Grey brown | | | |
| 22.00 | 25.00 | 3.00 | 3.00 | 3.00 | 100.00 | 25.00 | 14.94 | Shale | Grey brown | | | |
| 25.00 | 28.00 | 3.00 | 2.30 | 2.30 | 100.00 | 27.30 | 6.30 | Shale with Limestone bands. | yellow | | | |
| | | | 0.70 | 0.70 | | 28.00 | | Shale | Brown & grey | | | |
| 28.00 | 31.00 | 3.00 | 3.00 | 3.00 | 100.00 | 31.00 | 26.70 | Shale with Limestone bands. | Brown & grey | | | |
| 31.00 | 34.00 | 3.00 | 3.00 | 3.00 | 100.00 | 34.00 | 34.40 | Shale with Limestone bands. | Brown & grey | | | |
| 34.00 | 37.00 | 3.00 | 3.00 | 3.00 | 100.00 | 37.00 | 22.88 | Shale with Limestone. | Yellow brown | Fractured at 60° w.r.t. core axis | | |
| 37.00 | 40.00 | 3.00 | 3.00 | 3.00 | 100.00 | 40.00 | 12.20 | Shale | Grey brown | | | |
| 40.00 | 43.00 | 3.00 | 1.00 | 1.00 | 100.00 | 41.00 | 14.48 | Shale | Grey brown | | | |
| | | | 0.55 | 0.55 | | 41.55 | | Shale with Limestone. | Yellow brown | | | |
| | | | 1.45 | 1.45 | | 43.00 | | Shale | Grey brown | | | |
| 43.00 | 46.00 | 3.00 | 1.50 | 1.50 | 100.00 | 44.50 | 8.89 | Shale with Limestone. | Yellow brown | | | Carbonate veins |
| | | | 1.50 | 1.50 | | 46.00 | | Shale | Grey brown | | | |
| 46.00 | 49.00 | 3.00 | 2.00 | 2.00 | 100.00 | 48.00 | 14.44 | Shale | Grey brown | | | |
| | | | 1.00 | 1.00 | | 49.00 | | Shale with Limestone bands. | Yellow to grey Brown | | | |
| 49.00 | 52.00 | 3.00 | 0.50 | 0.50 | 100.00 | 49.50 | 0.00 | Limestone with minor Phosphorite. | Yellowish brown | | Phosphorite present | |
| | | | 2.50 | 2.50 | | 52.00 | | Shale with Limestone bands. | Grey Brown | | | |
| 52.00 | 55.00 | 3.00 | 2.20 | 2.20 | 100.00 | 54.20 | 3.40 | Shale with Limestone bands with minor phosphorite. | Grey Brown | | Phosphorite present | |
| | | | 0.80 | 0.80 | | 55.00 | | Quartzitic Sst. | Grey Brown | | | |
| 55.00 | 58.00 | 3.00 | 0.20 | 0.20 | 100.00 | 55.20 | 12.77 | Quartzitic Sst. | Grey Brown | | | |
| | | | 2.80 | 2.80 | | 58.00 | | Shale | Purple grey | | | |
| 58.00 | 61.00 | 3.00 | 3.00 | 3.00 | 100.00 | 61.00 | 28.98 | Shale | Purple grey | | | |
| 61.00 | 64.00 | 3.00 | 3.00 | 3.00 | 100.00 | 64.00 | 13.21 | Shale | Purple grey | | | |
| 64.00 | 67.00 | 3.00 | 2.00 | 2.00 | 100.00 | 66.00 | 32.10 | Sandy Shale | Dark grey | | | Micaceous |
| | | | 1.00 | 1.00 | | 67.00 | | Sandy Shale | Purple grey | | | |
| 67.00 | 70.00 | 3.00 | 3.00 | 3.00 | 100.00 | 70.00 | 18.88 | Shale with Sst. Bands. | Pale Brown | | | |

Northing (m): 2901377.281
 Easting (m): 691284.537
 R.L (m): 261.831

Date of Commencement: 13.08.2024
 Date of Closure: 22.08.2024
 Total Depth(m): 50.00
 Angle from horizontal: 55°
 Azimuth: 120°

| Borehole MNP-20 | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|--------------|---------|---|----------------------|-----------------------------------|------------------------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolated | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Remarks |
| 0.00 | 3.00 | 1.00 | - | 0.80 | 73.33 | 0.80 | 0.00 | Soil. (Sandy) | Brownish | | |
| | | | 2.20 | 2.20 | | 3.00 | | Weathered Shale | Reddish brown | | |
| 3.00 | 5.00 | 3.00 | 1.80 | 2.00 | 90.00 | 5.00 | 0.00 | Weathered Shale | Reddish brown | | |
| 5.00 | 8.00 | 3.00 | 3.00 | 3.00 | 100.00 | 8.00 | 0.00 | Shale | Purple grey | | |
| 8.00 | 11.00 | 3.00 | 2.65 | 3.00 | 86.67 | 11.00 | 6.69 | Shale | Brown white | | |
| 11.00 | 14.00 | 3.00 | 2.40 | 3.00 | 80.00 | 14.00 | 12.20 | Shale with Limestone bands. | Yellow brown | | |
| 14.00 | 17.00 | 3.00 | 2.72 | 3.00 | 90.67 | 17.00 | 23.30 | Shale | Yellow brown | | |
| 17.00 | 20.00 | 3.00 | 2.72 | 3.00 | 100.00 | 20.00 | 4.40 | Shale with grey Sst. Band containing Phosphorite. | Yellow brown | | |
| 20.00 | 23.00 | 3.00 | 2.00 | 2.00 | 100.00 | 22.00 | 0.00 | Shale with minor Phosphorite. | Brownish white | | |
| | | | 1.00 | 1.00 | | 23.00 | | Shale with grey Sst. Bands and Phosphorite. | | | |
| 23.00 | 26.00 | 3.00 | 0.80 | 0.80 | 100.00 | 23.80 | 0.00 | Shale with grey Sst. Bands and Phosphorite. | Brownish white | | |
| | | | 0.50 | 0.50 | | 24.30 | | Sst. Greyish brown with Phosphorite. | | | |
| | | | 0.70 | 0.70 | | 25.00 | | Shale with grey Sst. Bands and Phosphorite. | | | |
| | | | 1.00 | 1.00 | | 26.00 | | Shale | Purple & Brown grey | | |
| 26.00 | 29.00 | 3.00 | 2.71 | 3.00 | 100.00 | 29.00 | 5.89 | Shale with Limestone bands. | Brown & grey | | |
| 29.00 | 32.00 | 3.00 | 3.00 | 3.00 | 100.00 | 32.00 | 12.65 | Shale with Limestone bands. | Brown & grey | | |
| 32.00 | 35.00 | 3.00 | 3.00 | 3.00 | 100.00 | 35.00 | 32.29 | Shale with Limestone. | Yellow brown | Fractured at 60° w.r.t. core axis | |
| 35.00 | 38.00 | 3.00 | 3.00 | 3.00 | 100.00 | 38.00 | 22.20 | Shale | Grey brown | | |
| 38.00 | 41.00 | 3.00 | 1.40 | 1.40 | 100.00 | 39.40 | 33.90 | Shale | Grey brown | | |
| | | | 1.60 | 1.60 | | 41.00 | | Shale | Grey brown | | |
| 41.00 | 44.00 | 3.00 | 3.00 | 3.00 | 100.00 | 44.00 | 23.32 | Shale with Limestone. | Yellow brown | | Carbonate veins |
| 44.00 | 47.00 | 3.00 | 0.50 | 0.50 | 100.00 | 44.50 | 22.88 | Shale | Grey brown | | |
| | | | 2.50 | 2.50 | | 47.00 | | Shale with Limestone bands. | Yellow to grey Brown | | |
| 47.00 | 50.00 | 3.00 | 3.00 | 3.00 | 100.00 | 50.00 | 34.60 | Limestone with minor Phosphorite. | Yellowish brown | Phosphorite. | |



Northing (m): 2902769.918
 Easting (m): 692844.82
 R.L (m): 261.501

Date of Commencement: 17.08.2024
 Date of Closure: 22.08.2024
 Total Depth(m): 44.00
 Angle from horizontal: 90°
 Azimuth: 0°

| Borehole MNP-21 | | | | | | | | | | | |
|-----------------|-------|-----------|-----------|---------------|----------|--------------|---------|--|--------------|---------------------|------------------------|
| Run (m) | | | Recovery | Extrapolated | Recovery | Extrapolated | RQD (%) | Lithology | Colour | Structural Features | Mineralization Details |
| From | To | Thickness | Thickness | Thickness (m) | (%) | ed Depth | | | | | Remarks |
| 0.00 | 1.00 | 1.00 | - | 1.00 | 0.00 | 1.00 | 0.00 | Soil. (Sandy) with Kankar | Light Brown | | |
| 1.00 | 4.00 | 3.00 | 2.40 | 3.00 | 80.00 | 4.00 | 0.00 | Shale with Phosphorite bands | Light Brown | | Phosphorite |
| 4.00 | 7.00 | 3.00 | 2.71 | 3.00 | 90.33 | 7.00 | 0.00 | Grey Sandstone with sahle bands and Phosphorite | Grey Brown | | Phosphorite |
| 7.00 | 10.00 | 3.00 | 1.00 | 1.00 | 100.00 | 8.00 | 0.00 | Grey Sandstone with sahle bands and Phosphorite | Grey Brown | | Phosphorite |
| | | | 2.00 | 2.00 | 100.00 | 10.00 | | Grey Sandstone with Phosphorite | Grey Brown | | Phosphorite |
| 10.00 | 13.00 | 3.00 | 0.60 | 0.60 | 100.00 | 10.60 | 0.00 | Shale with Sandstone bands and minor phosphorite | Grey Brown | | Minor Phosphorite |
| | | | 1.00 | 1.00 | 100.00 | 11.60 | | Quartzitic Sandstone | Grey Brown | | |
| | | | 1.40 | 1.40 | 100.00 | 13.00 | | Sandstone with shale bands | Grey Brown | | |
| 13.00 | 16.00 | 3.00 | 0.90 | 1.08 | 83.33 | 14.08 | 0.00 | Shale with Sandstone bands | Grey Brown | | |
| | | | 1.60 | 1.92 | | 16.00 | | Shale | Purple Brown | | |
| 16.00 | 19.00 | 3.00 | 2.62 | 3.00 | 87.33 | 19.00 | 17.54 | Shale | Purple Brown | | |
| 19.00 | 22.00 | 3.00 | 3.00 | 3.00 | 100.00 | 22.00 | 21.88 | Shale | Purple Brown | | |
| 22.00 | 25.00 | 3.00 | 3.00 | 3.00 | 100.00 | 25.00 | 28.43 | Shale with yellow limestone bands | Purple grey | | |
| 25.00 | 28.00 | 3.00 | 3.00 | 3.00 | 100.00 | 28.00 | 25.67 | Shale with yellow limestone bands | Purple grey | | |
| 28.00 | 31.00 | 3.00 | 1.00 | 1.00 | 100.00 | 29.00 | 18.87 | Shale with Grey Calcareous Sandstone | Grey Brown | | |
| | | | 2.00 | 2.00 | | 31.00 | | Shale with Grey Calcareous Sandstone | Grey Brown | | |
| 31.00 | 34.00 | 3.00 | 3.00 | 3.00 | 100.00 | 34.00 | 13.43 | Shale with Grey Calcareous Sandstone | Grey Brown | | |
| 34.00 | 37.00 | 3.00 | 0.85 | 0.96 | 88.33 | 34.96 | 32.88 | Calcareous Sandstone | Grey Brown | Broken/Fracture | |
| | | | 1.80 | 2.04 | | 37.00 | | Calcareous Sandstone | Grey Brown | Broken/Fracture | |
| 37.00 | 40.00 | 3.00 | 2.40 | 3.00 | 80.00 | 40.00 | 35.69 | Calcareous Sandstone | Grey Brown | | |
| 40.00 | 43.00 | 3.00 | 2.68 | 3.00 | 100.00 | 43.00 | | Calcareous Sandstone | Grey Brown | | |
| 43.00 | 44.00 | 1.00 | 1.00 | 1.00 | 100.00 | 44.00 | 47.78 | Calcareous Sandstone | Grey Brown | | |



Northing (m): 2901052.217
 Easting (m): 691054.542
 R.L (m): 266.254

Date of Commencement: 24.08.2024
 Date of Closure: 27.08.2024
 Total Depth(m): 35.00
 Angle from horizontal: 55°
 Azimuth: 120°

| Borehole MNP-22 | | | | | | | | | | | | |
|-----------------|-------|-------------|----------------------|--------------------------|--------------|-------------------------|---------|--|--------------------|-----------|------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolat ed Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 3.00 | 3.00 | - | 0.80 | 0.00 | 0.80 | 0.00 | Soil sandy | Brown | | | |
| | | | 1.96 | 2.20 | 89.09 | 3.00 | | Limestone with shale bands | Yellow Brown | | | |
| 3.00 | 6.00 | 3.00 | 1.00 | 1.00 | 90.33 | 4.00 | 0.00 | Limestone with shale bands | Yellow Brown | | | |
| | | | 1.88 | 2.00 | 100.00 | 6.00 | | Shale | Pale Brown | | | |
| 6.00 | 9.00 | 3.00 | 2.82 | 3.00 | 100.00 | 9.00 | 0.00 | Shale with minor limestone bands | Light grey Brown | | | |
| 9.00 | 12.00 | 3.00 | 2.92 | 3.00 | 100.00 | 12.00 | 0.00 | Shale intercalated with limestone bands | Yellow Brown | | | |
| 12.00 | 15.00 | 3.00 | 2.86 | 3.00 | 100.00 | 15.00 | 17.67 | Shale intercalated with limestone bands | Yellow Brown | | | |
| 15.00 | 18.00 | 3.00 | 0.50 | 0.50 | 100.00 | 15.50 | 14.44 | Shale intercalated with limestone bands | Yellow Brown | | | |
| | | | 0.50 | 0.50 | 100.00 | 16.00 | | Shale with yellow limestone & phosphorite (minor) | Yellow Brown | | | |
| | | | 0.50 | 0.50 | 100.00 | 16.50 | | Shale | Pale Brown | | | |
| | | | 1.00 | 1.00 | 100.00 | 17.50 | | Shale with limestone bands & minor phosohorite | Pale Brown | | | |
| | | | 0.50 | 0.50 | 100.00 | 18.00 | | Shale | Pale Grey | | | |
| 18.00 | 21.00 | 3.00 | 1.50 | 1.50 | 100.00 | 19.50 | 32.81 | Shale | Pale Grey | | | |
| | | | 1.00 | 1.00 | 100.00 | 20.50 | | Shale | Pale Brown | | | |
| | | | 0.50 | 0.50 | 100.00 | 21.00 | | Shale with minor phosphorite | Light grey Brown | | | |
| 21.00 | 24.00 | 3.00 | 0.50 | 0.50 | | 21.50 | 22.74 | Shale with minor phosphorite | Light grey Brown | | | |
| | | | 1.00 | 1.00 | 100.00 | 22.50 | | Shale with limestone bands | Pale Brown | | | |
| | | | 1.00 | 1.00 | 88.33 | 23.50 | | Shale with minor phosphorite | Light grey Brown | | | |
| | | | 0.50 | 0.50 | | 24.00 | | Shale with grey sandstone bands, limestone & Phosphorite | Light grey Brown | | | |
| 24.00 | 27.00 | 3.00 | 0.50 | 0.50 | 80.00 | 24.50 | 14.43 | Shale with grey sandstone bands, limestone & Phosphorite | Light grey Brown | | | |
| | | | 1.00 | 1.00 | 100.00 | 25.50 | | Shale with grey sandstone bands, limestone & Phosphorite | Light grey Brown | | | |
| | | | 1.00 | 1.00 | 100.00 | 26.50 | | Sandstone greyish brown with shale bands & phosphorite | Greyish Brown | | Phosphorite present | |
| | | | 0.50 | 0.50 | 100.00 | 27.00 | | Sandstone greyish brown with shale bands & phosphorite | | | | |
| 27.00 | 30.00 | 3.00 | 0.50 | 0.50 | 100.00 | 27.50 | 18.88 | Sandstone greyish brown with shale bands & phosphorite | Greyish Brown | | | |
| | | | 1.00 | 1.00 | 100.00 | 28.50 | | Shale with minor sandstone bands | | | | |
| | | | 1.50 | 1.50 | 100.00 | 30.00 | | Shale | Pale grey to brown | | | |
| 30.00 | 33.00 | 3.00 | 3.00 | 3.00 | 100.00 | 33.00 | 27.63 | Shale | Pale grey to brown | | | |
| 33.00 | 35.00 | 3.00 | 2.00 | 2.00 | 100.00 | 35.00 | 32.37 | Shale | Pale grey to brown | | | |



Northing (m): 2902204.211
 Easting (m): 692262.846
 R.L (m): 250.469

Date of Commencement: 24.08.2024
 Date of Closure: 28.08.2024
 Total Depth(m): 40.00
 Angle from horizontal: 55°
 Azimuth: 120°

| Borehole MNP- 23 | | | | | | | | | | | | |
|------------------|-------|-------------|----------------------|--------------------------|--------------|------------------------|---------|--|----------------------|-----------|------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolated Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 1.00 | 1.00 | - | 1.00 | 0.00 | 1.00 | 0.00 | Soil (sandy) | Light Brown | | | |
| 1.00 | 4.00 | 3.00 | 2.65 | 3.00 | 88.33 | 4.00 | 0.00 | Weathered shale with Kankar | Light Brown | | | |
| 4.00 | 7.00 | 3.00 | 2.82 | 3.00 | 94.00 | 7.00 | 0.00 | Weathered shale | Light Brown | | | |
| 7.00 | 10.00 | 3.00 | 2.84 | 3.00 | 94.67 | 10.00 | 0.00 | Shale with yellow limestone bands | Grey Brown | | | |
| 10.00 | 13.00 | 3.00 | 2.58 | 3.00 | 86.00 | 13.00 | 0.00 | Shale with yellow limestone bands | Grey Brown | Broken | | |
| 13.00 | 16.00 | 3.00 | 2.72 | 3.00 | 90.67 | 16.00 | 0.00 | Shale with thin yellow limestone bands & grey sandstone with phosphorite | Light Brown | | | |
| 16.00 | 19.00 | 3.00 | 2.85 | 3.00 | 95.00 | 19.00 | 0.00 | Shale with thin yellow limestone bands & grey sandstone with phosphorite | Light Brown | | | |
| 19.00 | 22.00 | 3.00 | 1.82 | 2.00 | 94.67 | 21.00 | 6.68 | Shale with thin yellow limestone bands & grey sandstone with phosphorite | Light Brown | | | |
| | | | 0.92 | 1.00 | | 22.00 | | Shale with thin yellow limestone bands & grey sandstone with phosphorite | | | Phosphorite present | |
| 22.00 | 25.00 | 3.00 | 2.00 | 2.00 | 100.00 | 24.00 | 4.49 | Shale with grey sandstone & minor phosphorite | Grey Brown | | Phosphorite present | |
| | | | 1.00 | 1.00 | 100.00 | 25.00 | | Sandstone with shale bands & phosphorite | Yellow Brown | | | |
| 25.00 | 28.00 | 3.00 | 1.00 | 1.00 | 100.00 | 26.00 | 8.34 | Sandstone with shale bands & phosphorite | Yellow Brown | | | |
| | | | 2.00 | 2.00 | 100.00 | 28.00 | | Shale with grey sandstone bands | Purple to grey brown | | | |
| 28.00 | 31.00 | 3.00 | 3.00 | 3.00 | 100.00 | 31.00 | 16.61 | Shale | Purple to grey brown | | | |
| 31.00 | 34.00 | 3.00 | 3.00 | 3.00 | 100.00 | 34.00 | 14.99 | Shale bands | Purple grey | | | |
| 34.00 | 37.00 | 3.00 | 3.00 | 3.00 | 100.00 | 37.00 | 21.12 | Shale bands | Purple grey | | | |
| 37.00 | 40.00 | 3.00 | 0.40 | 0.40 | 100.00 | 37.40 | 22.88 | Shale | Grey Brown | | | |
| | | | 2.60 | 2.60 | 100.00 | 40.00 | | Sandstone with minor shale bands | Grey Brown | | | |



Northing (m): 2901047.775
 Easting (m): 691030.863
 R.L (m): 266.939

Date of Commencement: 29.08.2024
 Date of Closure: 04.09.2024
 Total Depth(m): 40.00
 Angle from horizontal: 55°
 Azimuth: 300°

| Borehole MNP- 24 | | | | | | | | | | | | |
|------------------|-------|-------------|----------------------|--------------------------|--------------|-------------------------|---------|--|---------------------|---------------------|---------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolat ed Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 3.00 | 3.00 | | 0.80 | 52.67 | 0.80 | 0.00 | Soil (sand Clay) | Brown | | | |
| | | | 1.58 | 2.20 | | 3.00 | | Limestone wit shale with Kankar | Pale Brown | | | |
| 3.00 | 6.00 | 3.00 | 2.61 | 3.00 | 87.00 | 6.00 | 0.00 | Limestone | Pale Brown | | | |
| 6.00 | 9.00 | 3.00 | 3.00 | 3.00 | 100.00 | 9.00 | 0.00 | Limestone intercalated with shale | Pale Brown | fracture at 30° | | |
| 9.00 | 12.00 | 3.00 | 3.00 | 3.00 | 100.00 | 12.00 | 0.00 | Limestone intercalated with shale | Pale Brown | fracture at 30° | | |
| 12.00 | 15.00 | 3.00 | 2.89 | 3.00 | 96.33 | 15.00 | 0.00 | Shale with limestone (yellow) | Pale Brown | Vertical fracture | | |
| 15.00 | 18.00 | 3.00 | 2.88 | 3.00 | 96.00 | 18.00 | 0.00 | Light Grey sahle with limestone | Light greyish Brown | fracture at 15° | | |
| 18.00 | 21.00 | 3.00 | 2.92 | 3.00 | 97.33 | 21.00 | 0.00 | Yellow limestone with lighte grey shale bands | Light greyish Brown | | | |
| 21.00 | 24.00 | 3.00 | 2.00 | 2.00 | 100.00 | 23.00 | 0.00 | Shale | Pale Brown | Vertical fracture | | |
| | | | 1.00 | 1.00 | | 24.00 | | Shale with limestone gey sand stone bands contaning phosphorite | Grey Brown | fracture at 30° | | |
| 24.00 | 27.00 | 3.00 | 3.00 | 3.00 | 100.00 | 27.00 | 0.00 | Shale with limestone gey sand stone bands contaning phosphorite | Light greyish Brown | Vertical fracture | | |
| 27.00 | 30.00 | 3.00 | 2.00 | 2.00 | 100.00 | 29.00 | 0.00 | Shale with thin limestone intrcalation | Light greyish Brown | fracture at 35° | | |
| | | | 1.00 | 1.00 | | 30.00 | | Shale with grey sand stone bands containing phosphorite | Light greyish Brown | | | |
| 30.00 | 33.00 | 3.00 | 3.00 | 3.00 | 100.00 | 33.00 | 0.00 | Shale with thin pinkish limestone & grey sand stone bands containing phosphorite | greyish Brown | fracture at 20°-25° | Minor phosphorite present | |
| 33.00 | 36.00 | 3.00 | 1.00 | 1.00 | 100.00 | 34.00 | 0.00 | Grey FGD sand stone with phosphorite | Grey | fracture at 30° | Minor phosphorite present | |
| | | | 2.00 | 2.00 | | 36.00 | | Quartzic sand stone FGD - MGD with grey | Grey | Fracture at 30° | | |
| 36.00 | 39.00 | 3.00 | 3.00 | 3.00 | 100.00 | 39.00 | 0.00 | Shale bands | Pale Brown | | | |
| 39.00 | 40.00 | 1.00 | 1.00 | 1.00 | 100.00 | 40.00 | 12.22 | Shale bands | Pale Brown | | | |



Northing (m): 2902210.932
Easting (m): 692251.635
R.L (m): 250.366

Date of Commencement: 29.08.2024
Date of Closure: 03.09.2024
Total Depth(m): 40.00
Angle from horizontal: 55°
Azimuth: 290°

| Borehole MNP- 25 | | | | | | | | | | | | |
|------------------|-------|-------------|----------------------|--------------------------|--------------|-------------------------|---------|---|--------------|-----------|------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolat ed Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 1.00 | 1.00 | | 1.00 | 0.00 | 1.00 | 0.00 | Soil with Kankar | Brownish | | | |
| 1.00 | 4.00 | 3.00 | 1.30 | 1.70 | 76.67 | 2.70 | 0.00 | Loose sand with Kankar | Grey Brown | | | |
| | | | 1.00 | 1.30 | | 4.00 | | Sand stone minor phosphorite | Grey Brown | | | |
| 4.00 | 7.00 | 3.00 | 2.72 | 3.00 | 90.67 | 7.00 | 0.00 | Shale with yellow limestone grey sand stone band with phosphorite | Yellow Brown | | | |
| 7.00 | 10.00 | 3.00 | 2.56 | 3.00 | 85.33 | 10.00 | 0.00 | Shale with yellow limestone with minor phosphorite | Yellow Brown | | | |
| 10.00 | 13.00 | 3.00 | 2.80 | 3.00 | 93.33 | 13.00 | 21.44 | Shale yellowish brown with thin liimestone bands | Yellow Brown | | | |
| 13.00 | 16.00 | 3.00 | 2.82 | 3.00 | 94.00 | 16.00 | 15.58 | Shale yellowish brown with thin liimestone bands | | | | |
| 16.00 | 19.00 | 3.00 | 2.45 | 3.00 | 81.67 | 19.00 | 28.73 | Shale yellowish brown | Yellow Brown | Fractured | | |
| 19.00 | 22.00 | 3.00 | 2.35 | 3.00 | 78.33 | 22.00 | 0.00 | Shale yellowish brown | Yellow Brown | Fractured | | |
| 22.00 | 25.00 | 3.00 | 1.73 | 1.90 | 91.00 | 23.90 | 0.00 | Shale yellowish brown | Yellow Brown | Fractured | | |
| | | | 1.00 | 1.10 | | 25.00 | | Sand stone greyish brown | Grey Brown | | | |
| 25.00 | 28.00 | 3.00 | 0.50 | 0.54 | 92.67 | 25.54 | 17.78 | Sand stone greyish brown | Grey Brown | | | |
| | | | 2.28 | 2.46 | | 28.00 | | Shale pale brown with grey sand stone bands | Pale Brown | | | |
| 28.00 | 31.00 | 3.00 | 3.00 | 3.00 | 100.00 | 31.00 | 14.98 | Shale pale grey | Pale Brown | | | |
| 31.00 | 34.00 | 3.00 | 3.00 | 3.00 | 100.00 | 34.00 | 18.74 | Shale pale brown | Pale Brown | | | |
| 34.00 | 37.00 | 3.00 | 2.85 | 3.00 | 95.00 | 37.00 | 22.77 | Shale pale brown | Pale Brown | | | |
| 37.00 | 40.00 | 3.00 | 3.00 | 3.00 | 100.00 | 40.00 | 26.45 | Shale pale brown | Pale Brown | | | |



Northing (m): 2901907.773
 Easting (m): 691569.159
 R.L (m): 253.513

Date of Commencement: 05.09.2024
 Date of Closure: 12.09.2024
 Total Depth(m): 65.00
 Angle from horizontal: 90°
 Azimuth: 0°

| BOREHOLE NO:MNP- 26 | | | | | | | | | | | | |
|---------------------|-------|-------------|----------------------|--------------------------|--------------|------------------------|---------|---|----------------------|---------------------|------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolated Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 1.00 | 1.00 | - | 1.00 | 0.00 | 1.00 | 0.00 | Soil (sand clay) | Brown | | | |
| 1.00 | 4.00 | 3.00 | 1.20 | 1.44 | 83.33 | 2.44 | 0.00 | Loose sand with Kankar | Brown | | | |
| | | | 1.30 | 1.56 | | 4.00 | | Weathered shale | Pale Brown | | | |
| 4.00 | 7.00 | 3.00 | 2.78 | 3.00 | 92.67 | 7.00 | 0.00 | Shale | pale grey brown | Fracture at 20° | | |
| 7.00 | 10.00 | 3.00 | 2.72 | 3.00 | 90.67 | 10.00 | 0.00 | Shale | pale grey brown | | | |
| 10.00 | 13.00 | 3.00 | 2.82 | 3.00 | 94.00 | 13.00 | 0.00 | Sandy shale | pale grey brown | Fracture at 35° | | |
| 13.00 | 16.00 | 3.00 | 3.00 | 3.00 | 100.00 | 16.00 | 0.00 | Sandy shale | pale grey brown | Fracture at 35° | | |
| 16.00 | 19.00 | 3.00 | 3.00 | 3.00 | 100.00 | 19.00 | 0.00 | Sandy shale | pale grey brown | Fracture at 25°-35° | | |
| 19.00 | 22.00 | 3.00 | 1.30 | 1.30 | 100.00 | 20.30 | 0.00 | Shale | Yellow Brown | | | |
| | | | 1.70 | 1.70 | | 22.00 | | Shale with grey sandstone bands | Grey Brown | | | |
| 22.00 | 25.00 | 3.00 | 1.00 | 1.00 | 100.00 | 23.00 | 30.00 | Sandy shale | Yellow Brown | | | |
| | | | 1.00 | 1.00 | | 24.00 | | Sandy shale with greysand stone bands & minor phosphorite | Grey to yellow Brown | | | |
| | | | 1.00 | 1.00 | | 25.00 | | Grey dolomitic limestone with minor phosphorite | Grey | | | |
| 25.00 | 28.00 | 3.00 | 2.00 | 2.00 | 100.00 | 27.00 | 51.00 | Grey limestone (dolomitic) ferruginous at pases | Grey | | | |
| | | | 1.00 | 1.00 | | 28.00 | | Dolomitic limestone | Grey | | | |
| 28.00 | 31.00 | 3.00 | 3.00 | 3.00 | 100.00 | 31.00 | 26.67 | Dolomitic limestone | Grey | Vertical fracture | | |
| 31.00 | 34.00 | 3.00 | 3.00 | 3.00 | 100.00 | 34.00 | 13.33 | Dolomitic limestone | Grey | Vertical fracture | | |
| 34.00 | 37.00 | 3.00 | 3.00 | 3.00 | 100.00 | 37.00 | 70.00 | Dolomitic limestone | Grey | Vertical fracture | | |
| 37.00 | 40.00 | 3.00 | 3.00 | 3.00 | 100.00 | 40.00 | 40.00 | Dolomitic limestone | Grey | Vertical fracture | | |
| 40.00 | 43.00 | 3.00 | 3.00 | 3.00 | 100.00 | 43.00 | 66.67 | Dolomitic limestone | Grey | | | |
| 43.00 | 46.00 | 3.00 | 3.00 | 3.00 | 100.00 | 46.00 | 83.33 | Dolomitic limestone | Grey | | | |
| 46.00 | 49.00 | 3.00 | 3.00 | 3.00 | 100.00 | 49.00 | 78.67 | Dolomitic limestone | Grey | | | |
| 49.00 | 52.00 | 3.00 | 3.00 | 3.00 | 100.00 | 52.00 | 36.67 | Dolomitic limestone | Grey | | | |
| 52.00 | 55.00 | 3.00 | 3.00 | 3.00 | 100.00 | 55.00 | 40.00 | Dolomitic limestone | Grey | | | |
| 55.00 | 58.00 | 3.00 | 3.00 | 3 | 100.00 | 58.00 | 36.67 | Grey dolomitic limestone with minor phosphorite | Grey Brown | | | |
| 58.00 | 61.00 | 3.00 | 1.40 | 1.40 | 100.00 | 59.40 | 41.67 | Grey dolomitic limestone | Grey Brown | | | |
| | | | 1.60 | 1.60 | 100.00 | 61.00 | | Shale | Grey Brown | | | |
| 61.00 | 62.00 | 1.00 | 1.00 | 1.00 | 100.00 | 62.00 | 17.67 | Black shale | Black | | | |
| 62.00 | 65.00 | 3.00 | 3.00 | 3.00 | 100.00 | 65.00 | 60.67 | Black shale | Black | | | |



Northing (m): 2900850.638
 Easting (m): 690695.203
 R.L (m): 262.61

Date of Commencement: 05.09.2024
 Date of Closure: 09.09.2024
 Total Depth(m): 35.00
 Angle from horizontal: 55°
 Azimuth: 190°

| Borehole MNP- 27 | | | | | | | | | | | | |
|------------------|-------|--------------|------------------------|---------------------------|--------------|------------------------|---------|---|-------------------------|-----------|---------------------------|---------|
| From | To | Thickness(m) | Recovered Thickness(m) | Extrapolated Thickness(m) | Recovery (%) | Extrapolated Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 3.00 | 3.00 | | 0.80 | 60.00 | 0.80 | 0.00 | Soil (sand clay) | Yellow Brown | | | |
| | | | 1.80 | 2.20 | | 3.00 | | Weathered shale with clay | Yellow Brown | | | |
| 3.00 | 6.00 | 3.00 | 1.78 | 1.85 | 96.00 | 4.85 | 0.00 | Weathered shale with clay | Yellow Brown | | | |
| | | | 1.10 | 1.15 | | 6.00 | | Yellow limestone | Yellow Brown | | | |
| 6.00 | 9.00 | 3.00 | 1.35 | 1.46 | 92.33 | 7.46 | 0.00 | Yellow limestone | Yellow Brown | | | |
| | | | 1.42 | 1.54 | | 9.00 | | Shale pale grey to brown | Pale grey to brown | | | |
| 9.00 | 12.00 | 3.00 | 2.52 | 3.00 | 84.00 | 12.00 | 0.00 | Shale with limestone bands | Yellow to greyish brown | | | |
| 12.00 | 15.00 | 3.00 | 3.00 | 3.00 | 100.00 | 15.00 | 0.00 | Shale intercalated with limestones | Yellow Brown | | | |
| 15.00 | 18.00 | 3.00 | 2.00 | 2.00 | 100.00 | 17.00 | 0.00 | Shale with limestones & minor phosphorite | Grey Brown | | | |
| | | | 1.00 | 1.00 | | 18.00 | | Shale with phosphorite in grey sand stone bands with yellow limestone | Yellow to grey Brown | | | |
| 18.00 | 21.00 | 3.00 | 1.00 | 1.00 | 100.00 | 19.00 | 0.00 | Shale with phosphorite in grey sandstone bands with yellow limestone | Yellow to grey Brown | | Minor phosphorite present | |
| | | | 1.50 | 1.50 | | 20.50 | | Grey sandstone with shale, limestone & phosphorite | Grey Brown | | Minor phosphorite present | |
| | | | 0.50 | 0.50 | | 21.00 | | Grey sandstone with limestone & phosphorite | Grey Brown | | Minor phosphorite present | |
| 21.00 | 24.00 | 3.00 | 1.00 | 1.00 | 100.00 | 22.00 | 0.00 | Quartzitic sandstone with shale bands and minor phosphorite | Grey Brown | | | |
| | | | 1.00 | 1.00 | | 23.00 | | Shale with minor sandstone bands | Light greyish brown | | | |
| | | | 1.00 | 1.00 | | 24.00 | | Shale | Pale to grey brown | | | |
| 24.00 | 27.00 | 3.00 | 2.00 | 2.00 | 100.00 | 26.00 | 0.00 | Shale | Pale to grey brown | | | |
| | | | 1.00 | 1.00 | | 27.00 | | Shale with grey sand stone bands | Grey Brown | | | |
| 27.00 | 30.00 | 3.00 | 1.00 | 1.00 | 100.00 | 28.00 | 13.33 | Shale with grey sand stone bands | Grey Brown | | | |
| | | | 2.00 | 2.00 | | 30.00 | | Sand stone grey brown | Grey Brown | | | |
| 30.00 | 33.00 | 3.00 | 2.00 | 2.00 | 100.00 | 32.00 | 38.33 | Sand stone grey brown | Grey Brown | | | |
| | | | 1.00 | 1.00 | | 33.00 | | Sand grey brown with shale bands | Olive green shale | | | |
| 33.00 | 35.00 | 2.00 | 2.00 | 2.00 | 100.00 | 35.00 | 26.00 | Sand grey brown with shale bands | Olive green shale | | | |

Northing (m): 2900746.111
 Easting (m): 690587.827
 R.L (m): 266.25

Date of Commencement: 11.09.2024
 Date of Closure: 15.09.2024
 Total Depth(m): 30.00
 Angle from horizontal: 90°
 Azimuth: 0°

| BOREHOLE NO:MNP- 28 | | | | | | | | | | | | |
|---------------------|-------|-------------|----------------------|--------------------------|--------------|------------------------|---------|--|------------------|---------------------------|------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolated Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 3.00 | 3.00 | | 1.00 | 66.67 | 1.00 | 0.00 | Soil clay | Brown | | | |
| | | | 1.50 | 2.00 | | 3.00 | | Loose sand with Weathread shale | Brown | | | |
| 3.00 | 6.00 | 3.00 | 2.70 | 3.00 | 90.00 | 6.00 | 0.00 | Weathread shale | Light grey brown | | | |
| 6.00 | 9.00 | 3.00 | 3.00 | 3.00 | 100.00 | 9.00 | 0.00 | Shale | Light grey brown | Vertical fracture present | | |
| 9.00 | 12.00 | 3.00 | 3.00 | 3.00 | 100.00 | 12.00 | 10.00 | Shale | Light grey brown | Fractured | | |
| 12.00 | 15.00 | 3.00 | 1.00 | 1.00 | 100.00 | 13.00 | 0.00 | Shale with grey sandstone bands with minor phosphorite | Grey Brown | | | |
| | | | 2.00 | 2.00 | | 15.00 | | Calcareous sand stone with minor phosphorite | Grey Brown | | | |
| 15.00 | 18.00 | 3.00 | 3.00 | 3.00 | 100.00 | 18.00 | 18.33 | Calcareous sand stone with minor phosphorite | Grey Brown | Bedding at 25° to 30° | | |
| 18.00 | 21.00 | 3.00 | 3.00 | 3.00 | 100.00 | 21.00 | 39.33 | Calcareous sand stone with thin shale bands | Grey Brown | | | |
| 21.00 | 24.00 | 3.00 | 2.20 | 2.20 | 100.00 | 23.20 | 22.67 | Calcareous sand stone with thin shale bands | Grey Brown | | | |
| | | | 0.80 | 0.80 | | 24.00 | | Shale with thin sand stone bands | Pale Brown | | | |
| 24.00 | 27.00 | 3.00 | 3.00 | 3.00 | 100.00 | 27.00 | 57.00 | Calcareous sand stone with thin shale bands | Grey Brown | | | |
| 27.00 | 30.00 | 3.00 | 3.00 | 3.00 | 100.00 | 30.00 | 7.67 | Shale with sand stone bands | Pale Brown | Fracture at 55° to 60° | | |



Northing (m): 2901148.195
Easting (m): 690897.447
R.L (m): 268.903

Date of Commencement: 14.09.2024
Date of Closure: 19.09.2024
Total Depth(m): 35.00
Angle from horizontal: 55°
Azimuth: 145°

| BOREHOLE NO:MNP- 29 | | | | | | | | | | | | |
|---------------------|-------|-------------|----------------------|--------------------------|--------------|------------------------|---------|---|------------------|---------------------|------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolated Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 1.00 | 1.00 | 0.00 | 1.00 | 0.00 | 1.00 | 0.00 | Soil (sand clay) | Brown | | | |
| 1.00 | 4.00 | 3.00 | 2.20 | 3.00 | 73.33 | 4.00 | 0.00 | Loose shale with Kankar | Light Brown | | | |
| 4.00 | 7.00 | 3.00 | 1.00 | 1.00 | 100.00 | 5.00 | 0.00 | Weathread shale | Light grey brown | | | |
| | | | 2.00 | 2.00 | | 7.00 | | Shale with grey sand stone bands | Pale grey | | | |
| 7.00 | 10.00 | 3.00 | 1.48 | 1.52 | 97.67 | 8.52 | 8.67 | Sandy shale | Pale grey | | | |
| | | | 1.45 | 1.48 | | 10.00 | | Sandy shale | Brown | | | |
| 10.00 | 13.00 | 3.00 | 2.88 | 3.00 | 96.00 | 13.00 | 0.00 | Shale | Pale Brown | | | |
| 13.00 | 16.00 | 3.00 | 3.00 | 3.00 | 100.00 | 16.00 | 0.00 | Shale with grey sand stone bands | Grey Brown | | | |
| 16.00 | 19.00 | 3.00 | 3.00 | 3.00 | 100.00 | 19.00 | 0.00 | Shale with grey sand stone bands | Pale Brown | Fracture at 35°-40° | | |
| 19.00 | 22.00 | 3.00 | 1.38 | 1.44 | 96.00 | 20.44 | 0.00 | sandy shale | Grey Brown | | | |
| | | | 1.50 | 1.56 | | 22.00 | | Shale | Pale Brown | | | |
| 22.00 | 25.00 | 3.00 | 2.00 | 2.00 | 100.00 | 24.00 | 0.00 | Shale | Pale Brown | Fracture at 20°-23° | | |
| | | | 1.00 | 1.00 | | 25.00 | | Shale with grey sand stone bands | Grey Brown | | | |
| 25.00 | 28.00 | 3.00 | 2.85 | 3.00 | 95.00 | 28.00 | 0.00 | Shale with yellow limestone & grey sand stone bands | Grey Brown | | | |
| 28.00 | 31.00 | 3.00 | 2.72 | 3.00 | 90.67 | 31.00 | 4.33 | Shale with yellow limestone & grey sand stone bands | Grey Brown | | | |
| 31.00 | 34.00 | 3.00 | 2.82 | 3.00 | 94.00 | 34.00 | 3.67 | Shale with yellow limestone & bands | Yellow Brown | Broken | | |
| 34.00 | 35.00 | 1.00 | 1.00 | 1.00 | 100.00 | 35.00 | 6.00 | Shale with yellow limestone & bands | Yellow Brown | | | |



Northing (m): 2902225.65
 Easting (m): 692390.062
 R.L (m): 249.272

Date of Commencement: 17.09.2024
 Date of Closure: 22.09.2024
 Total Depth(m): 40.00
 Angle from horizontal: 55°
 Azimuth: 120°

| BOREHOLE NO:MNP- 30 | | | | | | | | | | | | |
|---------------------|-------|-------------|----------------------|--------------------------|--------------|------------------------|---------|--|------------------|------------------|------------------------|---------|
| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolated Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
| 0.00 | 3.00 | 3.00 | | 0.80 | 60.67 | 0.80 | 0.00 | Soil sandy | Light Brown | | | |
| | | | 1.82 | 2.20 | | 3.00 | | Weathered shale with Kankar | Brown | | | |
| 3.00 | 6.00 | 3.00 | 0.20 | 0.21 | 96.00 | 3.21 | 0.00 | Shale with grey sand stone | Grey Brown | | | |
| | | | 2.68 | 2.79 | | 6.00 | | Sandy shale | Pale Brown | | | |
| 6.00 | 9.00 | 3.00 | 0.78 | 0.78 | 99.33 | 6.78 | 0.00 | Sandy shale | Pale Brown | | | |
| | | | 2.20 | 2.22 | | 9.00 | | Shale pale brown | Pale Brown | | | |
| 9.00 | 12.00 | 3.00 | 1.00 | 1.00 | 100.00 | 10.00 | 24.49 | Shale yellow brown | Yellow Brown | | | |
| | | | 2.00 | 2.00 | | 12.00 | | Shale pale brown | Pale Brown | Vertical bedding | | |
| 12.00 | 15.00 | 3.00 | 3.00 | 3.00 | 100.00 | 15.00 | 32.22 | Shale pale brown | Pale Brown | Vertical bedding | | |
| 15.00 | 18.00 | 3.00 | 3.00 | 3.00 | 100.00 | 18.00 | 36.84 | Shale pale brown | Pale Brown | Vertical bedding | | |
| 18.00 | 21.00 | 3.00 | 3.00 | 3.00 | 100.00 | 21.00 | 24.49 | Shale pale brown | Pale Brown | Vertical bedding | | |
| 21.00 | 24.00 | 3.00 | 3.00 | 3.00 | 100.00 | 24.00 | 22.90 | Shale pale brown | Pale Brown | Vertical bedding | | |
| 24.00 | 27.00 | 3.00 | 1.98 | 2.00 | 98.00 | 26.00 | 19.43 | Shale pale brown | Pale Brown | Vertical bedding | | |
| | | | 0.96 | 1.00 | | 27.00 | | Shale with grey sand stone bands & minor phosphorite | Pale Brown | | | |
| 27.00 | 30.00 | 3.00 | 1.00 | 1.00 | 100.00 | 28.00 | 0.00 | Shale with grey sand stone bands & minor phosphorite | Pale Brown | | | |
| | | | 1.00 | 1.00 | | 29.00 | | Quartzitic sandstone grey brown with shale bands | | | | |
| | | | 1.00 | 1.00 | | 30.00 | | Shale | Pale Brown | | | |
| 30.00 | 33.00 | 3.00 | 3.00 | 3.00 | 100.00 | 33.00 | 0.00 | Shale | Pale Brown | | | |
| 33.00 | 36.00 | 3.00 | 1.00 | 1.00 | 100.00 | 34.00 | 0.00 | Shale | Pale Brown | | | |
| | | | 1.00 | 1.00 | | 35.00 | | Shale with grey sand stone bands & minor phosphorite | Pale ,grey Brown | | | |
| | | | 1.00 | 1.00 | | 36.00 | | Shale with grey sand stone bands & minor phosphorite | Pale ,grey Brown | | | |
| 36.00 | 39.00 | 3.00 | 2.00 | 2.00 | 100.00 | 38.00 | 33.78 | Calcareous Sandstone | Grey Brown | | | |
| | | | 1.00 | 1.00 | | 39.00 | | Calcareous Sandstone with shale bands | Grey Brown | | | |
| 39.00 | 40.00 | 1.00 | 1.00 | 1.00 | 100.00 | 40.00 | 32.91 | Calcareous Sandstone with shale bands | Yellow Brown | | | |



Northing (m): 2900860.065
Easting (m): 690659.061
R.L (m): 261.644

Date of Commencement: 20.09.2024
Date of Closure: 28.09.2024
Total Depth(m): 40
Angle from horizontal: 55°
Azimuth: 10°

BOREHOLE NO:MNP- 31

| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolat ed Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
|-------|-------|-------------|----------------------|--------------------------|--------------|-------------------------|---------|---|------------------|------------------|------------------------|---------|
| 0.00 | 1.00 | 1.00 | | 1.00 | 0.00 | 1.00 | 0.00 | Soil sandy | Brown | | | |
| 1.00 | 4.00 | 3.00 | 2.43 | 3.00 | 81.00 | 4.00 | 0.00 | Grey dolomitic limestone with Kankar | Grey Brown | | | |
| 4.00 | 7.00 | 3.00 | 1.30 | 1.40 | 92.67 | 5.40 | 0.00 | Weathered shale | Grey Brown | Broken | | |
| | | | 1.48 | 1.60 | | 7.00 | | Yellow limestone intercalated with shale | Yellow Brown | | | |
| 7.00 | 10.00 | 3.00 | 2.78 | 3.00 | 92.67 | 10.00 | 0.00 | Yellow limestone intercalated with shale | Yellow Brown | | | |
| 10.00 | 13.00 | 3.00 | 3.00 | 3.00 | 100.00 | 13.00 | 12.90 | Yellow limestone intercalated with shale | Yellow Brown | | | |
| 13.00 | 16.00 | 3.00 | 1.00 | 1.09 | 92.00 | 14.09 | 14.88 | Yellow limestone intercalated with shale | Yellow Brown | Broken/Fractured | | |
| | | | 1.76 | 1.91 | | 16.00 | | Shale | Pale Brown | | | |
| 16.00 | 19.00 | 3.00 | 2.73 | 3.00 | 91.00 | 19.00 | 21.49 | Shale | Light grey brown | | | |
| 19.00 | 22.00 | 3.00 | 1.50 | 1.50 | 100.00 | 20.50 | 18.82 | Shale | Pale Brown | | | |
| | | | 0.50 | 0.50 | | 21.00 | | Shale with grey sand stone bands sand with phophorite | Grey Brown | | | |
| | | | 0.60 | 0.60 | | 21.60 | | Limestone / grey sandstone with phosphorite | Grey | | | |
| | | | 0.40 | 0.40 | | 22.00 | | Shale with phosphorite | Pale Brown | | | |
| 22.00 | 25.00 | 3.00 | 1.30 | 1.30 | 100.00 | 23.30 | 12.22 | Shale with grey sand stone / limestone with phosphorite | Grey Brown | | | |
| | | | 1.70 | 1.70 | | 25.00 | | Shale with minor phosphorite | Pale Brown | | | |
| 25.00 | 28.00 | 3.00 | 3.00 | 3.00 | 100.00 | 28.00 | 7.79 | Pale brown shale with limestone | Pale Brown | | | |
| 28.00 | 31.00 | 3.00 | 1.00 | 1.00 | 100.00 | 29.00 | 8.22 | Shale | Light grey brown | | | |
| | | | 2.00 | 2.00 | | 31.00 | | Shale with limestone & grey sand stone bands with minor phosphorite | Pale Brown | | | |
| 31.00 | 34.00 | 3.00 | 1.00 | 1.00 | 100.00 | 32.00 | 0.00 | Shale grey sand stone bands with minor phosphorite | Grey Brown | | | |
| | | | 2.00 | 2.00 | | 34.00 | 0.00 | Quartzic sand stone with minor shale band & phosphorite | Grey Brown | | | |
| 34.00 | 37.00 | 3.00 | 3.00 | 3.00 | 100.00 | 37.00 | 26.62 | Shale | Pale Brown | | | |
| 37.00 | 40.00 | 3.00 | 3.00 | 3.00 | 100.00 | 40.00 | 22.88 | Shale | Pale Brown | | | |

Northing (m): 2901970.656
Easting (m): 692460.46
R.L (m): 257.623

Date of Commencement: 24.09.2024
Date of Closure: 30.09.2024
Total Depth(m): 28.00
Angle from horizontal: 90°
Azimuth: 0°

MNP- 32

| From | To | Thicknes(m) | Recovered Thickne(m) | Extrapolted Thickness(m) | Recovery (%) | Extrapolat ed Depth (m) | RQD (%) | Lithology | Colour | Structure | Mineralization Details | Remarks |
|-------|-------|-------------|----------------------|--------------------------|--------------|-------------------------|---------|---|------------------|-----------|------------------------|---------|
| 0.00 | 3.00 | 3.00 | | 0.80 | 73.33 | 0.80 | 0.00 | Soil (sand clay) | Brown | | | |
| | | | 1.92 | 2.20 | | 3.00 | | Weathered shale with Kankar | Pinkish Brown | | | |
| 3.00 | 6.00 | 3.00 | 2.41 | 3.00 | 80.33 | 6.00 | 0.00 | Shale with Kankar | Light grey brown | | | |
| 6.00 | 9.00 | 3.00 | 0.50 | 0.50 | 100.00 | 6.50 | 0.00 | Shale with Kankar | Light grey brown | | | |
| | | | 2.00 | 2.00 | | 8.50 | | Grey sand stone with shale & limestone bands | Light grey brown | | | |
| | | | 0.50 | 0.50 | | 9.00 | | Sand stone grey brown | Light grey brown | | | |
| 9.00 | 12.00 | 3.00 | 3.00 | 3.00 | 100.00 | 12.00 | 25.59 | Sand stone grey brown with minor shale bands | Light grey brown | | | |
| 12.00 | 15.00 | 3.00 | 3.00 | 3.00 | 100.00 | 15.00 | 22.90 | Sand stone with sandy shale & phosphorite | Brown | | | |
| 15.00 | 18.00 | 3.00 | 1.00 | 1.00 | 100.00 | 16.00 | 12.20 | Shale with minor sand stone bands & phosphorite | Light Brown | | | |
| | | | 2.00 | 2.00 | | 18.00 | | Shale with phosphorite & dark grey sand stone bands | Grey Brown | | | |
| 18.00 | 21.00 | 3.00 | 1.30 | 1.30 | 100.00 | 19.30 | 11.98 | Shale with phosphorite & dark grey sand stone bands | Grey Brown | | | |
| | | | 1.70 | 1.70 | | 21.00 | | Sand stone grey with shale bands | Grey Brown | | | |
| 21.00 | 24.00 | 3.00 | 2.86 | 3.00 | 95.33 | 24.00 | 22.90 | Shale with limestone bands | Brown | | | |
| 24.00 | 27.00 | 3.00 | 2.92 | 3.00 | 97.33 | 27.00 | 28.88 | Shale with limestone bands | Brown | | | |
| 27.00 | 28.00 | 1.00 | 1.00 | 1.00 | 100.00 | 28.00 | 27.56 | Shale with limestone bands | Brown | | | |