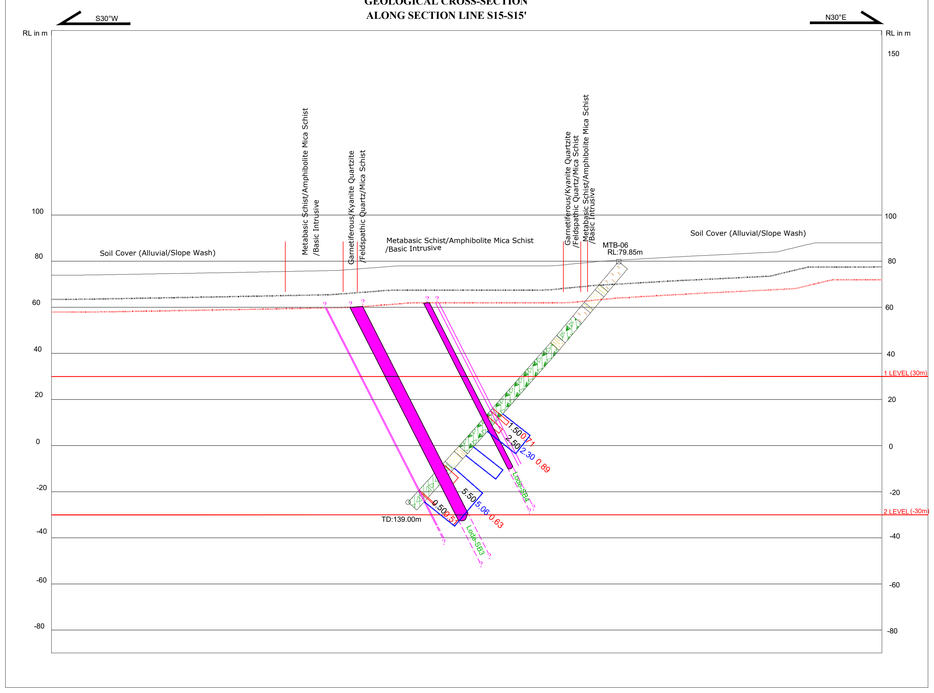
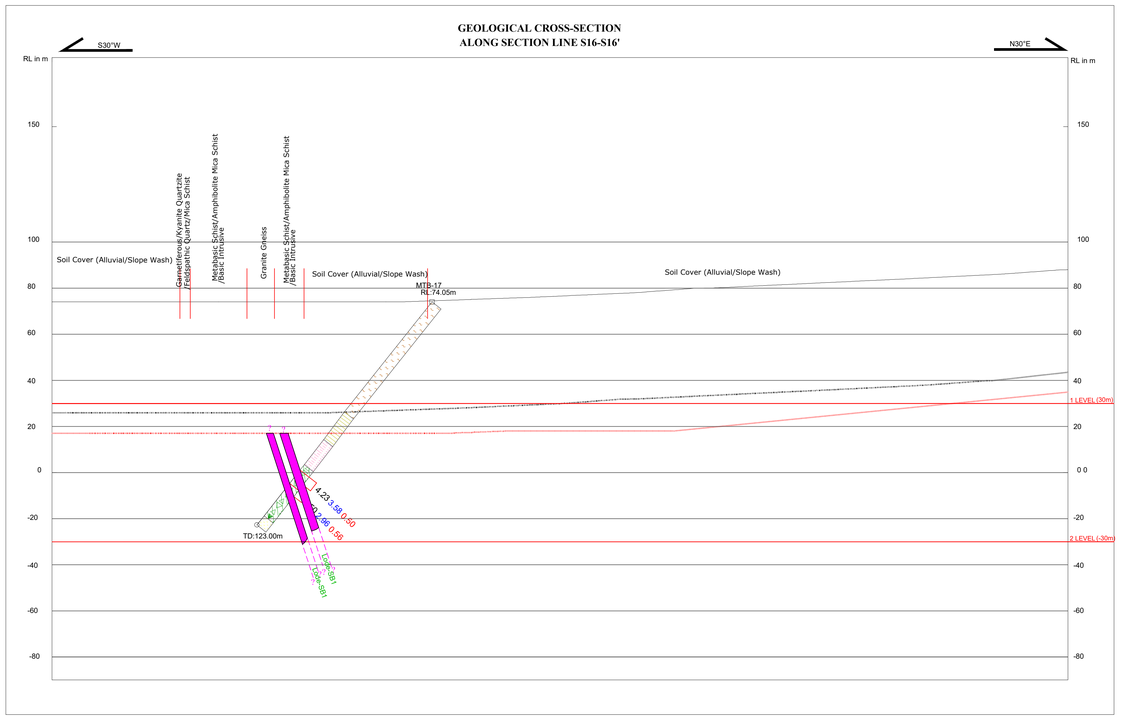
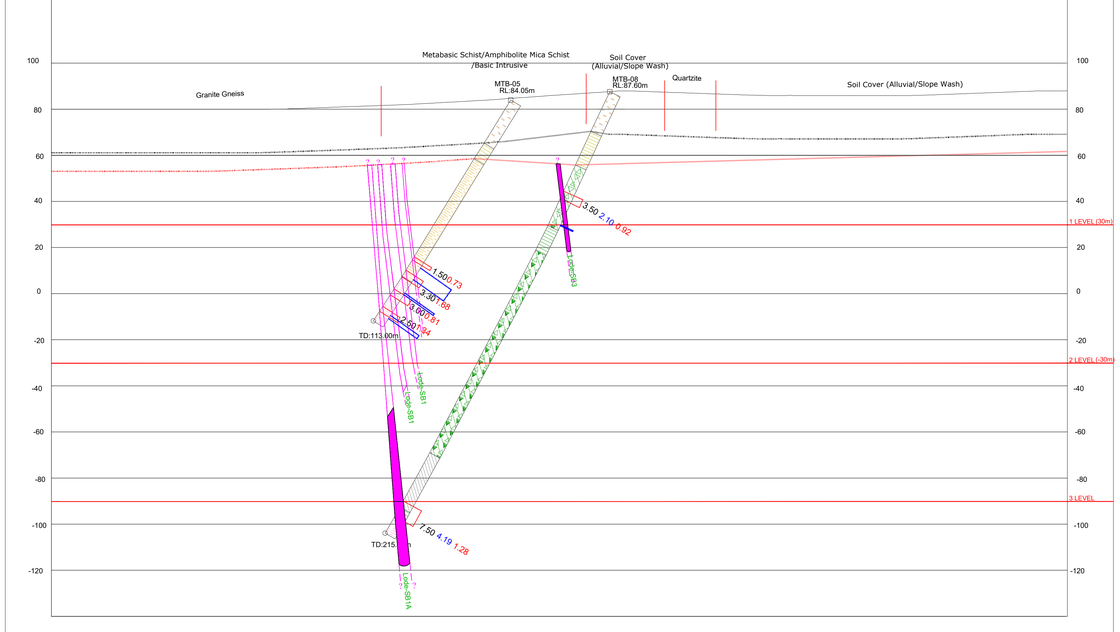
GEOLOGICAL CROSS-SECTION ALONG SECTION LINE S15-S15'



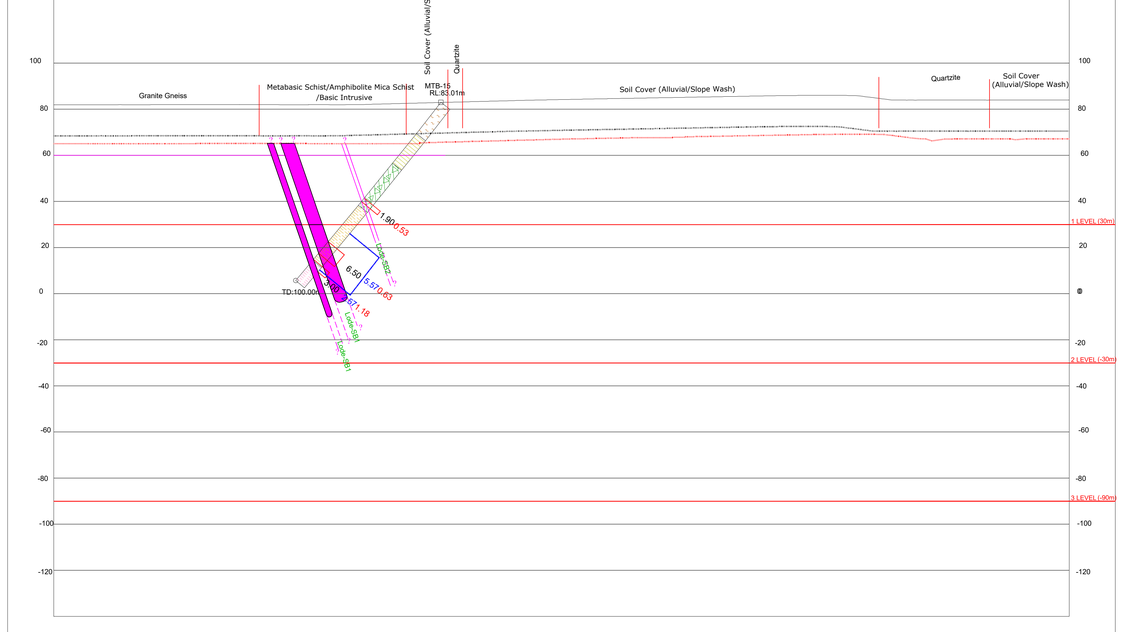
GEOLOGICAL CROSS-SECTION ALONG SECTION LINE S16-S16'



GEOLOGICAL CROSS-SECTION ALONG SECTION LINE S18-S18'



GEOLOGICAL CROSS-SECTION ALONG SECTION LINE S19-S19'



INDEX

LEGEND(GEOLOGICAL PLAN)

- Soil Cover(Alluvial/Slope Wash)
- Metabasic Schist/ Amphibolite Mica Schist/ Basic Intrusive
- Garnetiferous/Kyanite Quartzite/Feldspathic Quartz/Mica Schist
- Granite / Granite Gneiss (Archaean)

LEGEND (CROSS-SECTION)

- Soil Cover(Alluvial/Slope Wash)
- Metabasic Schist
- Quartz-K-Feldspar Chlorite Biotite Schist(Silicified & granitized basic schist)
- Chlorite Biotite Schist/Chlorite Schist/ Garnetiferous Chlorite Schist/ Altered Chlorite Schist
- Biotite Quartz Schist
- Quartz Biotite Chlorite Schist/Quartz Biotite Schist/Quartz Feldspathic Biotite Chlorite Schist
- Oxidised/Weathered Schistose Rock
- Quartz Feldspathic Amphibole Biotite Chlorite Schist
- Amphibole Basic Intrusive
- Garnetiferous-Qtz-Chlorite mica schist
- Quartzite/Micaceous Quartz Schist/Micaceous Quartz Feldspathic Schist
- Granite Gneiss

MTCB-11 RL:93.85m — Previous Boreholes Drilled by MECL with Reduced Level in meter (2022 -2023)

MTB-15 RL:83.01m — Boreholes drilled by MECL in present G3 exploration with Reduced Level in meter

TD: 85.00m — Total Depth in m

Lode with Apparent Thickness & True Thickness in m and Copper Grade (Cu%) of Mineralized zone (zone at 0.2%Cut-off)

Soil Profile

Weathered Zone

Litho Boundaries

Integrated borehole geophysical anomaly

SCALE

0 20 40 60 80

MINERAL EXPLORATION AND CONSULTANCY LIMITED
(Formerly Mineral Exploration Corporation Limited)

GEOLOGICAL CROSS SECTION (Cu Cut-off 0.5%)
ALONG SECTION LINE S15-S15' TO S19-S19' (SOUTHERN BAND)

THAKURDIH AREA-I BLOCK

DISTRICT: EAST SINGHBHUM STATE: JHARKHAND

R.F. 1: 1,000

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MECL / EXPLOR. / JULY-2025 | PLATE NO. V | 5 B (2)