WE LEAVE NO STONE UNTURNED
MECL, a premier Indian exploration agency engaged in Detailed Mineral Exploration since “40 years”.

Mission -- “to provide high quality, cost effective and time bound geoscientific services for exploration and exploitation of minerals”
**ACTIVITIES**

- **Planning**
  - Remote sensing & topographic survey

- **Geological & Geophysical survey**

- **Exploratory drilling/Mining**

- **Sampling & Analytical studies**

- **Data processing, Reserves estimation & 3D ore body modeling**

- **Detailed Geological Report**

- **Detailed Geological Report**

- **Geological & Geophysical logging**

- **Geological mapping & surface geophysical survey**
Assessment & planning of exploration.
Regional and detailed geological mapping
A large fleet of drilling rigs (98 nos. different capacities) for exploration of:

- various minerals (Coal, Lignite, Base Metals, Precious & Atomic minerals etc.)
- Coal Bed Methane (CBM), Evaporites, Geothermal investigation & Geotechnical studies
Geological logging of drill core
Geophysical surveys including borehole geophysical logging
Exploratory / developmental mining, pitting and trenching along with Core and mine sampling
Facilities for Chemical analysis, petrological studies and physical studies
Information Technology Centre for

- Reserves and grade estimation
  - Geo-statistical studies
  - 3-D Ore body modelling
  - preparation of exploration reports using latest software
STRENGTH

- LARGEST MINERAL EXPLORATION AGENCY OF COUNTRY
- EXPERIENCED GEO-SCIENTIFIC & TECHNICAL PERSONNEL
- ALL FACILITIES FOR EXPLORATION UNDER ONE ROOF
- EXCELLENT TRACK RECORD OF PROJECT EXECUTION
- STATE-OF-THE-ART DRILLING & GEOPHYSICAL LOGGING UNITS
- WELL EQUIPPED IT CENTRE FOR ORE-BODY MODELING
- ALL IMPORTANT DEPOSITS HAVE BEEN EXPLORED BY MECL
- EXPERIENCE IN ALL THE MAJOR MINERALS
# Prospects Available for Development

<table>
<thead>
<tr>
<th>Mineral/Category</th>
<th>UNFC Category</th>
<th>No. of Prospects</th>
<th>Category Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bauxite, Copper,</td>
<td>221-A</td>
<td>4</td>
<td>Techno-economic viability ascertained, can be considered for immediate exploitation</td>
</tr>
<tr>
<td>Tungsten, Nickel, Industrial And Rare Metal.</td>
<td>332-B</td>
<td>7</td>
<td>Prospects which hold promise for development through added inputs</td>
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<tr>
<td></td>
<td>332 C</td>
<td>18</td>
<td></td>
</tr>
</tbody>
</table>

For details visit our website:  [www.mecl.gov.in](http://www.mecl.gov.in)
LOOKING FOR

Geo-scientific partnership with global stakeholders for:

- Deep seated mineral deposit exploration
- Exploration of mineral prospects in India and abroad.
- CBM production well drilling
- Geo-thermal investigation