# List of Abbreviations

<table>
<thead>
<tr>
<th>Abbreviation</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>ASTER</td>
<td>Advance Spaceborne Thermal Emission and Reflection Radiometer</td>
</tr>
<tr>
<td>AAS</td>
<td>Atomic Absorption Spectrometer</td>
</tr>
<tr>
<td>BIF</td>
<td>Banded Iron Formation</td>
</tr>
<tr>
<td>BHJ</td>
<td>Handed Hematite Jasper</td>
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<tr>
<td>BHQ</td>
<td>Banded Hematite Quartzite</td>
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<tr>
<td>BON</td>
<td>Boninites</td>
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<tr>
<td>BAB</td>
<td>Back Arc Basin</td>
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<tr>
<td>DEM</td>
<td>Digital Elevation Model</td>
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<tr>
<td>EOS</td>
<td>Earth Observing System</td>
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<tr>
<td>ETM</td>
<td>Enhanced Thematic Mapper</td>
</tr>
<tr>
<td>E-MORB</td>
<td>Enriched Mid oceanic ridge basalt</td>
</tr>
<tr>
<td>EDC</td>
<td>East Dharwar Craton</td>
</tr>
<tr>
<td>GIS</td>
<td>Geographical Information System</td>
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<tr>
<td>GSB</td>
<td>Gadag Schist Belt</td>
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<tr>
<td>GSI</td>
<td>Geological Survey of India</td>
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<tr>
<td>GPS</td>
<td>Global Positioning System</td>
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<tr>
<td>GIS</td>
<td>Geographical Information System</td>
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<tr>
<td>GSI</td>
<td>Geological Survey of India</td>
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<tr>
<td>GPT</td>
<td>Grams per Ton</td>
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<tr>
<td>HT-LP</td>
<td>High temperature and Low Pressure</td>
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<tr>
<td>HRV</td>
<td>High Resolution Visible</td>
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<tr>
<td>IAT</td>
<td>Island Arc Tholeites</td>
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<tr>
<td>ICP OES</td>
<td>Inductively Coupled Plasma Optical Emission Spectrometry</td>
</tr>
<tr>
<td>ICPMS</td>
<td>Inductively Coupled Plasma Mass Spectrometry</td>
</tr>
<tr>
<td>Abbreviation</td>
<td>Full Form</td>
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<tr>
<td>IAT</td>
<td>Island Arc Tronjate</td>
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<tr>
<td>ICPMS</td>
<td>Inductively Coupled Plasma Mass Spectrometry</td>
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<tr>
<td>KGF</td>
<td>Kolar Gold Field</td>
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<tr>
<td>LISS</td>
<td>Linear Image Self scanning spectrometer</td>
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<tr>
<td>LISS</td>
<td>Linear Imaging Self Scanning Sensor</td>
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<tr>
<td>LISS</td>
<td>Linear Imaging Self Scanning Sensor</td>
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<tr>
<td>MECL</td>
<td>Mineral Exploration Corporation Limited</td>
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<tr>
<td>MT</td>
<td>Metric ton</td>
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<tr>
<td>MORB</td>
<td>Mid oceanic ridge basalt</td>
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<tr>
<td>MORBs</td>
<td>Mid-Ocean Ridge Basalts</td>
</tr>
<tr>
<td>NNW</td>
<td>North North West</td>
</tr>
<tr>
<td>NNB</td>
<td>Nagavi North Block</td>
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<tr>
<td>NGRI</td>
<td>National Geophysical Research Institute</td>
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<tr>
<td>OFB</td>
<td>Ocean Floor Basalts</td>
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<tr>
<td>OIB</td>
<td>Ocean Island Basalts</td>
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<tr>
<td>P-T</td>
<td>Pressure and Temperature</td>
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<tr>
<td>PCA</td>
<td>Principal Component Analysis</td>
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<tr>
<td>PPOD</td>
<td>Petrology, Petrochemistry and Ore Dressing Lab</td>
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<tr>
<td>PGE</td>
<td>Platinum Group Elements</td>
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<tr>
<td>REE</td>
<td>Rare Earth Elements</td>
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<tr>
<td>SPOT</td>
<td>Systeme Pour l'Obser- vation de la Terre</td>
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<tr>
<td>SHRIMP</td>
<td>Sensitive High Resolution Ion Micro Probe</td>
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<tr>
<td>SRTM</td>
<td>Shuttle Radar Topography Mission</td>
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<tr>
<td>SWIR</td>
<td>Short Wave Infra-Red</td>
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</tbody>
</table>
TPD   Tones per day
TTG   Tonalite Tronjopet Group
WDC   West Dharwar Craton
XRF   X Ray Florescence