

## FORMAT FOR SCHEME OF PROSPECTING

(See sub rule 1 of rule 4 of Mineral Conservation & Development Rules, 2017, sub rule 10 (b) of rule 5 of Minerals (Other than Atomic and Hydro Carbons Energy Minerals) Concession Rules, 2016 and sub rule 2 (c) of rule 18 of Mineral (Auction) Rules, 2015

<b>1.</b>		<b>Particulars of the Prospecting Licence / Prospecting Licence cum Mining Lease</b>
<b>A</b>	(i)	Type of mineral concession (tick mark whichever is applicable) (a) Prospecting Licence(PL) (b) Prospecting- Licence- cum Mining Lease(PL cum ML)
	(ii)	Submission under ( tick mark the applicable rule): Sub rule 1 of rule 4 of MCDR, 2017 /sub rule 10 (b) of rule 5 of Minerals (Other than Atomic and Hydro Carbons Energy Minerals)Concession Rules, 2016 / sub rule 2(c) of rule 18 of Mineral (Auction) Rules, 2015
	(iii)	Name of mineral (s) for which the PL/ PL cum ML is granted:
	(iv)	Name of the licensee/preferred bidder: (a) Postal address with pin code: (b) Telephone Number (Office): (c) Fax number (Office): (d) Mobile No.: (e)Telephone Number (Residence): (f) E-Mail id:
	(v)	In case, licensee/ preferred bidder is a Company/Partnership firm/Cooperative, then indicate: (a) Name of Director in-Charge /Managing Director/ Managing Partner: (b) Postal address with pin code: (c) Telephone Number (Office): (d) Fax number (Office): (e) Mobile No.: (f) Telephone Number (Residence): (g) E-Mail id:
<b>B</b>	(i)	Date of issue of order for grant or issue of letter of intent for PL/PL cumML [see sub rule 9 of rule 5 of M(OAHCEM)C Rules, 2016/ rule 18 of MineralAuction Rules,2015]:
	(ii)	Area of the PL/ PL cum ML (in Hectare): (a) Forest: (b) Non Forest Government land: (c) Non Forest Private land: (d) Total:
	(iii)	Survey of India Toposheet number (s):
	(iv)	Geographical co-ordinates (latitude & longitude in Deg. Min. Sec format in WGS 84 system ) of all the boundary corner points of the area granted (preferably geo-referenced): (As per Annexure-I)
	(v)	(a)District(s) of the area: (b)Taluka(s) of the area: (c)Village(s) of the area:
	(vi)	In case of forest land, following details to be given:- a) Forest Division, Block and Range/ Compartment No(s): b) Legal status of the forest (reserved/ protected/ unclassified etc):

		<p>c) Whether the area forms part of a national park or wild life sanctuary: Yes/No</p> <p>d) Specific permission from the forest department for carrying out exploration obtained: Yes/No</p> <p>(e) If yes then, letter No. _____ Date _____</p> <p>(f) Indicate the purpose for which the Permission is granted:</p>
	(vii)	Cadastral details (may be attached separately as Annexure- II to the scheme giving individual khasra no., village, district, name of owner, type of land, area of each land parcel)
	(viii)	Accessibility to the area from the nearest district headquarters:
<b>C</b>		<p>Details of the technical personnel (Geologist and /or Mining Engineer) employed if any: (The information to be given separately for each employee)</p> <p>(a) Name:</p> <p>(b) Qualification:</p> <p>(c) Name of University/College:</p> <p>(d) Year of passing:</p> <p>(e) Experience:</p> <p>(f) Designation:</p>
<b>2.</b>		<b>Previous Exploration Work</b>
	(i)	Name and address of prospecting agency/ permit holder/ licensee involved in the exploration of the area with year and period of exploration (if more than one agency is involved, details of each agency may be given separately):
	(ii)	Indicate whether the previous exploration report is available with the applicant : Yes/No (if yes, then a copy of the same may be enclosed with the scheme)
	(iii)	Brief details of the previous exploration work carried out (to be given separately for each exploration agency):
	(iv)	Reserves/ resources estimated during previous exploration work with quantity and grade (category wise):
<b>3.</b>		<b>Geology</b>
	(i)	Physiography/Topography of the area detailing relief of the area, highest and lowest RL, drainage pattern etc.
	(ii)	Regional Geological set up: Brief regional geology of the area outlining the broad geological and structural frame work
	(iii)	Local Geological setup with common rock types
<b>4.</b>		<b>Exploration Proposal</b>
	(i)	<p>Aerial Reconnaissance-</p> <p>Details of aerial reconnaissance proposed if any, including method of reconnaissance survey proposed, line km, area (in hectare) proposed to be covered under various types of surveys:</p>
	(ii)	<p>Topographical Survey and Geological mapping-</p> <p>(a) Scale:</p> <p>(b) Area to be covered:</p>

(iii)	(a) Ground geophysical survey/prospecting, if proposed then indicate type of survey(s), total line km./number of probe points and total area to be covered (in hectare) for each type of survey: (b) Details of radiometric instruments proposed to be used, if any (all radiometric data to be made available to the Atomic Minerals Directorate of Exploration and Research, Hyderabad):
(iv)	Geochemical survey/prospecting, if proposed then indicate type of survey, number of samples to be drawn and area to be covered (in hectare):
(v)	Pitting- No. of pits with dimensions (in m.):
(vi)	Trenching - No. of trenches with dimensions (in m.) and quantum of excavation (in m <sup>3</sup> ):
(vii)	Drilling - (a) Type of drilling: (b) No of bore holes: (c) Grid spacing: (d) Total quantum of drilling proposed (in m.): (e) Potential mineralised area to be covered (in hectare): (f) Level of exploration envisaged as per MEMC Rules, 2015: (g) Geophysical logging of bore holes proposed, if any:
(viii)	Exploratory Mining – Opencast/ underground proposed, if any, with details:
(ix)	Sampling Plan indicating number of samples for chemical analysis- (a) Grab/channel/chip/groove samples: (b) Borehole samples (preferably meter wise or less as per requirement):
(x)	Petrological / mineralogical studies- Number of samples to be drawn for petrographic and mineralogical study:
(xi)	Bulk density studies proposed if any - Number of samples to be drawn for bulk density study:
(xii)	Beneficiation studies proposed if any, with details:
(xiii)	Any other activities proposed, please specify:
<b>5.</b>	<b>Environmental Setting</b>
(i)	Baseline information on prevailing environmental conditions before the beginning of prospecting operation: land use pattern / topography / water regime / Flora / fauna / Human settlement/ rain fall and any other prevailing environmental features which may be affected due to proposed exploration:
(ii)	(a) Steps proposed to be taken for protection of environment – Prevention of air and water pollution, plantation and other measures for minimizing the adverse effect of prospecting operations on the environment: (b) Proposal to bring back the degraded land by prospecting to its original use by backfilling of the pits, trenches and securely plugging the bore holes:
<b>6.</b>	<b>Investment Framework</b> Item-wise commitment to a minimum expenditure proposed to be incurred in various prospecting activities (in Rupees):
<b>7.</b>	<b>Plates ( Maps/plates to be enclosed with the scheme)</b> (a) Key plan on scale of 1:50000 showing the location of the area (b) Cadastral Plan or forest survey plan as may be available (c) Surface geological plan showing the location of the proposed exploration activities

8.		List of documents to be enclosed as Annexures: (All documents to be signed with date by the Geologist / Mining Engineer preparing the Scheme) a) Copy of LOI / Grant Order issued by the state government b) Information on Geographical co-ordinates as per Annexure- I ((in soft copy only) c) Cadastral details as Annexure- II (in soft copy only) d) Copy of permission letter from the Forest Department,if applicable e) Licence deed f) Exploration Report (Previous), if any
----	--	--

Date  
Place

Signature  
Name of Licencee / Geologist /Mining Engineer  
Designation

**Annexure-I**

Coordinates of the boundary pillars of PL area in WGS84 **(to be submitted in excel file only)**

Boundary pillars serial number	Latitudes in DMS			Londitudes in DMS			Toposheet No.
	Degree	Minutes	Seconds (upto two decimal points)	Degree	Minutes	Seconds (upto two decimal points)	
1	2	3	4	5	6	7	8

**Annexure-II**

**CADASTRAL DETAILS (to be submitted in excel file only)**

Sl. No.	District	Village	Khasara No.	Type of Land	Area of each land parcel in hecets.	Name of Owner	Remarks, if any