

FORMAT FOR YEARLY-REPORT OF PROSPECTING

(To be submitted with form B of Mineral Conservation and Development Rules, 2017)
(see sub-rule 1 of rule 9 of Mineral Conservation and Development Rules, 2017 & sub rule 5 of rule 18 of Mineral Auction Rules, 2015)

Report for: 1st/2nd/3rd year

Incase of renewal: 4th /5th year

Period: From _____ To _____

1.		Particulars of the Prospecting Licence / Prospecting Licence cum Mining Lease
A	(i)	Type of mineral concession (tick mark whichever is applicable) (a) Prospecting Licence(PL) (b) Prospecting- Licence- cum Mining Lease(PL cum ML)
	(ii)	Name of mineral(s) for which the PL/PL cum ML is granted:
	(iii)	(a) Name of the licensee: (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:
	(iv)	In case licensee is a Company/Partnership firm/Cooperative Society, 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	(i)	Date of issue of order for grant or issue of letter of intent for PL/PL cum ML [see sub rule 9 of rule 5 of M(OAHCEM)C Rules, 2016/ Rule 18 of Mineral Auction Rules,2015]:
	(ii)	Date of execution/ registration of PL/ PL-cum-ML:
	(iii)	Period of licence- (a) Years: (b) From _____ To _____
	(iv)	In case of renewal of licence indicate- (a) Date of renewal: (b) Years: (c) Period From _____ To _____
	(v)	Area of the PL/PL cum ML (in Hectare): (a) Forest: (b) Non Forest Government land: (c) Non Forest Private land: (d) Total:
	(vi)	Survey of India Toposheet number (s):
	(vii)	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)
	(viii)	(a) District(s) of the area: (b) Taluka(s) of the area:

		(c)Village(s) of the area:	
	(ix)	<p>In case of forest land, give the following details-</p> <p>(a) Forest Division, Block and Range/ Compartment No(s):</p> <p>(b) Legal status of the forest (namely reserved, protected, unclassified etc):</p> <p>(c) Whether the area forms part of a National Park or Wild Life sanctuary</p> <p>(d) If any National Park or Wildlife sanctuary falls within a distance of 10 km from the periphery of the PL/PL cum ML area then their distance from the periphery of the PL/PL cum ML area:</p> <p>(e) Specific permission from the forest department for carrying out exploration obtained: Yes/No</p> <p>If yes-</p> <p>(i)Date and number of the permission letter:</p> <p>(ii) Details of activities for which permission granted:</p>	
C		<p>Details of the technical personnel (Geologist and /or Mining Engineer) Employed (The information to be given separately for each employee-</p> <p>(a) Name:</p> <p>(b) Designation:</p> <p>(c) Qualification:</p> <p>(c) Name of University/College:</p> <p>(d) Year of passing:</p> <p>(d) Experience:</p> <p>(e) Period:</p> <p>(f)From _____ to _____</p> <p>(g) Notice under Rule 46 of MCDR,2017 submitted to IBM- Yes / No</p>	
2		Geology	
		<p>(a) Local geological setting detailing the common rock types and details of old workings, surface exposures etc. of the area under study:</p> <p>(b) Structural details of the area such as dip, strike, folds, faults etc.:</p> <p>(c) The extent and variability of the mineralization expressed as length (along strike or otherwise), plan width, and vertical extent indicating the upper and lower limits of the Mineralisation based on available data:</p> <p>(d)Type of deposit to which the mineral deposit may be classified as per Minerals (Evidence of Mineral Contents) Rules,2015:</p>	
3		Exploration carried out during the year	
A			Proposals in scheme
			Achievement
	(i)	AerialReconnaissance-	
	(ii)	Topographical survey and Geological mapping-	
		(a) Scale:	
		(b) Area:	
	(iii)	Geophysical survey/prospecting	
(iv)	Geochemical survey		
(v)	Pitting-		
	(i)No. of pits		
	(ii) dimensions(m)		
(vi)	Trenching –		
	(i) No. of trenches		
	(ii) dimensions (in m.)		

		(iii) quantum of excavation(in m ³)		
	(vii)	Drilling- (a) Type of drilling: (b) No of bore holes: (c) Grid spacing: (d) Meterage: (e) Geophysical logging:		
	(viii)	Exploratory Mining (a) Open cast excavation(m ³) (b) UG Adit (m) (c) UG Incline (m) (d) Shaft (m)		
	(ix)	No of samples drawn for chemical analysis (a) Grab/channel/chip/groove samples (b) Borehole samples		
	(x)	Number of samples for petrological/mineralogical studies		
	(xi)	No of samples for bulk density studies		
	(xii)	Samples for beneficiation		
B	Drilling technique& drill sampling method employed:			
C	Sub-sampling techniques and sample preparation method employed:			
D	Quality of assay data and laboratory tests. Mandatory third party check-up sample analysis (minimum 10% of total samples) by NABL accredited laboratory/ Govt. laboratory.			
E	Describe method adopted for Determination of Moisture content in the ore/mineral.			
F	Describe method of Bulk Density test done, if any.			
4	Expenditure incurred on prospecting during the year: Item-wise expenditure incurred for exploration and prospecting activities			
5	List of Documents to be submitted as Annexures			
	(i)	Information on Geographical co-ordinates as per Annexure- I (in soft copy only)		
	(ii)	Copy of Forest permission letter, if applicable		
	(iii)	Details of topographic survey as per Annexure-II(in soft copy only)		
	(iv)	Copy of all the Borehole logs alongwith chemical analysis as per Annexer-III (in soft copy only)		
	(v)	Chemical Analysis reports of Grab/channel/chip/groove samples etc		
	(vi)	All the relevant information data such as geophysical data		
	(vii)	Item wise expenditure statement for the exploration & prospecting activities undertaken during the year		
	(viii)	Copy of Bulk density study report		
	(ix)	Copy of Mineralogical/ Petrological tests study report		
	(x)	Copy of Beneficiation study report		

6	List of Plates to be enclosed with the Report (All the plates/maps are to be signed with date for its correctness by the Geologist / Mining Engineer in charge)	
	(i)	Updated Surface Geological Plan
	(ii)	Updated Geological Cross sections

Place

Date

Signature
Name of 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

Information on Topographic Survey data (to be submitted in excel or CSV format)

(Co-ordinates data required in WGS84)

Survey file for topography

Point No.	Latitude	Longitude	Altitude	Description	Date of Survey

Annexure-III

**Information on exploration data (to be submitted in excel or CSV format)
(Co-ordinates data required in WGS84)**

Geological Database

(Five separate excel or csv files viz. Collar file, Survey file, Assay file, geology file, RQD file required to be submitted)

**Hole ID should tally with the surface geological plan.*

(I) Collar file

Hole_id*	Latitude	Longitude	Altitude	Max_depth	Hole_path (linear/ angular)	Date of drilling

(II) Survey file for drill holes

Hole_id	Depth	Dip	Azimuth

(III) Assay file

			radicals analyzed				
			(specify name of radical as an example given below)				
Hole_id	Depth_from	Depth_to	Fe	SiO2	Al2O3	LOI	P

(IV) Geology file

Hole_id	Depth_from	Depth_to	Litholoical Description

(V) Rock Quality Designation (RQD) File

Hole_id	Depth_from	Depth_to	RQD%