

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 and 72 of MCDR, 2017)

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

In case of renewal: 4th/5th year

Period: From _____ to _____

1	Particulars of the prospecting licence / prospecting operations undertaken by agency under second proviso to Section 4(1) of the MMDR Act, 1957 (hereinafter referred as the Act).	
A	(i)	Type of mineral concession (tick mark whichever is applicable) (a) Prospecting Licence (PL) (b) Prospecting operations undertaken by agency under second proviso to Section 4(1) of the Act.
	(ii)	Name of mineral(s) for which PL is granted / Prospecting operations undertaken by agency under second proviso to Section 4(1) of the Act:
	(iii)	Name of the licensee / Prospecting agency under second proviso to Section 4(1) of the Act: (a) Postal address with Pincode: (b) Telephone number (Office): (c) Fax number (Office): (d) Mobile number: (e) Telephone number (Residence): (f) E-Mail id:
	(iv)	In case, licensee / Prospecting agency under second proviso to Section 4(1) of the Act, is a Company/Joint Venture with the State Government, then indicate: (a) Name of Director-in-Charge/Managing Director/Managing Partner: (b) Postal address with Pincode: (c) Telephone number (Office): (d) Fax number (Office): (e) Mobile number: (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 / Notification to undertake prospecting operations by agencies under second proviso to Section 4(1) of the Act [see rule 4 of AMCR, 2016]:
	(ii)	Date of execution of PL / registration of PL / commencement of prospecting operations by the agencies under second proviso to Section 4(1) of the Act :
	(iii)	Period of licence / Notification issued by the State Government to undertake prospecting operations by agencies under second proviso to Section 4(1) of the Act (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 PL / Prospecting operations undertaken by agency under second proviso to Section 4(1) of the Act. (Ha/sq km): (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: (As per Annexure I)
	(viii) (a) District(s) of the area: (b) Taluka(s) of the area: (c) Village(s) of the area:
	(ix) In case of forest land, give the following details- (a) Forest Division, Block and Range/ Compartment No(s).: (b) Legal status of the forest (namely reserved, protected, unclassified etc): (c) Whether the area forms part of a National Park or Wild Life sanctuary: (d) If any National Park or Wild life sanctuary falls within a distance of 10 km from the periphery of the PL/prospected area, then its distance from the periphery of the PL/prospected area: (e) Specific permission from the Forest Department for carrying out exploration obtained: Yes/No If yes: (i) Date and number of the permission letter: (ii) Details of activities for which permission granted:
c	Details of the technical personnel (Geologist and/or Mining Engineer) employed (Information to be given separately for each employee): (a) Name: (b) Designation: (c) Qualification: (d) Name of University/College: (e) Year of passing: (f) Experience: (g) Period: (h) From _____ to _____ (i) Notice of appointment submitted to AMD as per Rule 46 of MCDR, 2017 - Yes / No
2	Geology
	(a) Local geological setting detailing the common rock types and details of old workings, surface exposures, etc. of the area under study: (b) Structural details of the area such as dip, strike, folds, faults, etc.: (c) Extent and variability of mineralization expressed as length (along strike or otherwise), plan width and vertical extent indicating the upper and lower limits of the mineralization based on available data: (d) Type of deposit as per Schedule-B of AMCR, 2016:

3		Exploration carried out during the year		
		Particulars	Proposals in scheme	Achievement
A	(i)	Aerial Reconnaissance		
	(ii)	Topographical survey and geological mapping (a) Scale (b) Area		
	(iii)	Geophysical survey		
	(iv)	Geochemical survey		
	(v)	Pitting (a) No. of pits (b) Dimensions (m)		
	(vi)	Trenching (a) No. of trenches (b) Dimensions (m) (c) Quantum of excavation (m ³)		
	(vii)	Drilling (a) Type of drilling (Core/non-core/Dormer/sonic - inclined/vertical): (b) No of boreholes: (c) Grid (m x m): (d) Meterage: (e) Litho / geophysical logging, if any:		
	(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 (core/sludge)		
	(x)	Number of samples for petrological/mineralogical studies		
	(xi)	No of samples for bulk density (BD) / Specific Gravity (SG) studies (specify BD / SG value, if determined)		
	(xii)	Samples for beneficiation with details		
B		Drilling technique and 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 / Government laboratory / AMD		
E		Describe method adopted for determination of moisture content in the ore / mineral.		
F		Describe method of bulk density / specific gravity test done, if any.		
4		Expenditure incurred on prospecting during the year: Item-wise expenditure incurred for prospecting activities		

5	List of Documents to be submitted
(i)	Information on geographical co-ordinates as per Annexure I (hard copy as well as soft copy)
(ii)	Copy of Forest permission letter, if applicable
(iii)	Details of topographic survey as per Annexure II (hard copy as well as soft copy)
(iv)	Copy of all the borehole logs along with chemical analysis as per Annexure III (hard copy as well as soft copy)
(v)	Chemical analysis reports of grab/channel/chip/groove samples etc.
(vi)	All the relevant data such as geophysical data
(vii)	Item wise expenditure statement for the prospecting activities undertaken during the year
(viii)	Copy of bulk density / specific gravity study report
(ix)	Copy of mineralogical / petrological study report
(x)	Copy of beneficiation study report
6	List of plates to be enclosed with the report
(i)	Updated surface geological plan (as per scale defined in Part-II, Schedule-B of AMCR, 2016) indicating location of boreholes drilled / proposed (in different colours)
(ii)	Updated geological / borehole sections (as per scale defined in Part-II, Schedule-B of AMCR, 2016)

Note: All pages of documents to be signed with date by the geologist / mining engineer preparing the report

Place
Date

Signature
Name of Geologist / Mining Engineer
Designation

Annexure I**Coordinates of PL area in WGS84 system (Both hard copy and soft copy in MS Excel)**

Corner points of PL boundary	Latitude	Longitude	UTM-X	UTM-Y	Toposheet No.
	DDMMSS	DDMMSS			

Annexure II**Information on Topographic Survey data (Both hard copy and soft copy in MS Excel)
(Co-ordinates data required in WGS84 system)****Survey file for topography**

Point No.	Latitude	Longitude	UTM-X	UTM-Y	Altitude	Description	Date of Survey
	DDMMSS	DDMMSS					

Annexure III

Information on exploration data (Both hard copy and soft copy in MS Excel) (Co-ordinates data required in WGS84 system)

Geological Database

(Five separate excel or csv files viz. Borehole data, Borehole deviation survey data Geological data, Analytical data and RQD Index required to be submitted)

(I) Borehole Data

Borehole _ID*	Latitude	Longitude	UTM- X	UTM- Y	RL	Direction / Inclination	Drilled depth	Date of commencement / completion
	DDMMSS	DDMMSS						

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

(II) Borehole Deviation Survey Data

Borehole_ID	Depth	Angle	Azimuth

(III) Geological Data

Borehole_ID	Depth _ from	Depth _ to	Lithological and structural description

(IV) Analytical Data

10. Analytical Data										
Borehole_ID	Sample No.	Depth_ from	Depth_ to	Analytical results of elements and/or minerals						
				1	2	3	4	5	6	Contd.

(V) Rock Quality Designation (RQD) Index

Borehole_ID	Depth _ from	Depth _ to	RQD%