

Field inspection note of Sri P. Balaswamy, SFS, Divisional Forest Officer (WLM) Achampet on 1/6/2016 & 7/6/2016 at Amrabad RF of Amrabad Range of WLM Achampet Forest division

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On 01/06/2016 & 07/6/2016 proceeded to Amrabad RF area in For Block – I (Amrabad) Compt. Nos 229, 230, 239, 241, 242, 243 & 244 of Macharam (S) Beat of Amrabad Section, Amrabad Range of WLM Achampet division and for Block – 2 (Udimilla) Compt. Nos 81, 141, 156, 157, 158, 159 & 164 of Udimilla, Maredugu, Padara Beats of Ippalapally & Amrabad Sections, Amrabad Range of WLM Achampet Division along with Forest Range Officer, Amrabad and his staff. The proposed 7600 Ha to be diverted for Atomic Minerals Directorate for Exploration and Research proposes to carry out survey and exploratory drilling, followed by evaluation drilling, around Amrabad, Udimilla (Mahaboobnagar District) with the aim to establish Uranium deposits in these areas is transacted and observed that:

The total forest area in Compt. Nos 229, 230, 239, 241, 242, 243 & 244 of Amrabad Reserve Forest (Tiger Reserve Protected Area) is 175000 Ha. The Forest area of this Compt. Nos are undulating. Mixed Tropical Dry Deciduous Forest type. The species found are Chloroxylon swietenia (Billudu), Gymosponia spinose (Danthe), Premna tomentosa (Nagur), Albizia amara (Narlinga). Holoptelea integrifolia (Nemalinara), Wrightia tinctoria (Palakodisha), Sapindus emergineta (Reeta), Accasia Sandra (Sandra), Disospyros melanoxylon (thuniki), Butea monosperma (Moduga), Pongamia pinnata (Kanuga), Butea monosperma (Moduga), Cassia fistula (Rlea), Sterculia urens (Tapsi), Givotia moluccanna (Tellapoliki), Aleurites moluccanus (Uduga), Azadirachta indica (Vepa), Ficus molis (Juvvi), Premna tomentosa (Nagur), Calotropis gigantean (Jilledu), and Azadirachta indica (Vepa). The canopy density is about 0.10 to 0.20.

The proposed project ie., for Atomic Minerals Directorate for Exploration and Research proposes to carry out survey and exploratory drilling, followed by evaluation drilling, around Amarabad Block (Mahaboobnagar District) with the aim to establish Uranium deposits for 3800 Ha (38 Sq Kms) is proposed for diversion.

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The total Forest area in Compt. Nos 81, 144, 156, 157, 158, 159 & 164 of Amrabad Reserve Forest (Udimilla Block – Sanctuary area) is 175000 Ha. The forest areas of this Compt. Nos are undulating, mixed tropical dry deciduous forest type. The species found are Chloroxylon swietenia (Billudu), Gymosponia spinose (Danthe), Premna tomentosa (Nagur), Albizia amara (Narlinga), Holoptelea integrifolia (Nemalinara), Wrightia tinctoria (Palakodisha), Sapindus emergineta (Reeta), Accasia Sandra (Sandra), Disospyros melanoxylon (Thuniki), Butea

6

monosperma (Moduga), Pongamia pinnata (Kanuga), Butea monosperma (Moduga), Cassia Lula (Rela), Sterculia urens (Tapsi), Givotia moluccanna (Tellapoliki). Aleurites moluccanus (Uduga), Azadirachta indica (Vepa), Ficus mollis (Juvvi), Premna tomentosa (Nagur), Calotropis gigantea (Jilledu), and Azadirachta indica (Vepa). The canopy density is about 0.10 to 0.20.

The proposed project ie., for Atomic Minerals Directorate for Exploration and Research proposes to carryout survey and exploratory drilling, followed by evaluation drilling, around Udimilla Block (Mahaboobnagar District) with the aim to establish Uranium deposits for 3800 Ha (38 Sq Kms) is proposed for diversion.

There are rare / endangered and unique species of fauna in this area partly falls in Block – I (Amrabad) is located in Amrabad RF of Amrabad Tiger Reserve area for 38 Sq Kms or 3800 Ha which is good habitat for wild endangered carnivorous animals like Tiger (Panthera tigris), Panther (Panthera pardus), Sloth bear (Melursus ursinus), Wild dog (Cuon alpines), Jungle cats (Felis chaus), and Foxes (Vulpes vulpes) and Herbivores animals like Neelgai (Boselaphus tragocamelus), Spotted Deer (Axis axis), Sambar (Cervus unicolor) and Chousingha (Tetrocerus quadricornis) etc., and also there are no protected archaeological / heritage site /defense establishment.

The Forest area diverted for this purpose is only 7600 Ha. Since the area proposed for diversion is for Atomic Minerals Directorate for Exploration and Research proposes to carry out survey and exploratory drilling, followed by evaluation drilling, around Udimilla block (Mahaboobnagar District) with the aim to establish Uranium deposits. In view of the above it may be recommended as per the rules in vogue.

Divisional Forest Officer, Wildlife Management, Achampet.

Site inspection report of the Divisional Forest Officer, Wildlife Management, Nagarjunasagar

Note on floral and faunal diversity in Devarakonda (Wildlife) Range of Nagarjunasagar, Wildlife Management Division

Inspected the area of 7 Sq.Kms (700Ha) proposed for investigation and exploration of Uranium on 01.06.2016. The areas located in Nidgul R.F. in 2 Parts near Narayanapur. The following observations are made in the field.

On enquiry with the villagers and as per the records on wildlife census, and previous cattle killing cases and also from direct and indirect evidences such as Pugmarks, Sightings, Signs, Scats, Pellets & Fixing of Camera Traps etc. the following fauna are reported.

I. Schedule – I Species:

- Indian wolf (Canislupus pallipes)
- 2. Sloth bear (Melursus ursinus)
- 3. Pangolin (Manis crassicaudta)
- 4. Pea foul (Pava cristatus)
- 5. panther (Panthera Pardus)

II. Schedule - II Species:

- Bonnet macaque (Macaca radiate)
- 2. Common langur (Presbytis entellus)
- 3. Chameleon (Chameleon Calucaratus)
- 4. Pythons (Python species)
- Wild dog (Cuonal pinus)

III. Schedule – III Species:

- 1. Jungel cat (Felis chaus)
- 2. Hyaena (Hyaena hyaena)
- 3. Chital (Axis axis)
- 4. Wild Pig (Sus scrofa)
- 5. Indian porcupine (Hystrix indica)
- 6. Monitor cobra (Varanus species)
- 7. Indian cobra (Naja naja)
- 8. Russel's viper (Vipera ruselli)
- Nilgai (Borelaphus tragu amelus)
- 10. Sambar (Cervus unicolor)

Sl.No.	Species	Sl.No.	Species
1	Babblers	11	Parakeets
2	Barbets	12	Patridges
3	Bulbuls	13	Pheasants
4	Chloropsis	14	Pigeons
5	Doves	15	Pittas
6	Herons	16	Rollers
7	Egrets	17	Vultures
8	Jungel fowl	18	Weaver birds
9	Magpie robins	19	Wood peckers
10	Orioles		

The forest of the proposed area is mainly 6A DSI, i.e. southern dry deciduous shrub forests. However, the density of vegetation is about 1200 shrubs per Ha. and the expected yield of fuel wood is about 20 Tonnes of fuel per Ha.

IMPACT OF URANIUM MINING ON FLORA AND FAUNA

Block - 3 :- Proposed for Uranium exploration:-

This block falls in Compt.No.116 Kambalapally beat of WLM Range, Devarakonda, Nidugul Reserve Forest, Amrabad Tiger Reserve this area has been inspected by me on 01.06.2016. The area is basically hilly undulating area has very good growth of Chloroxylon Sweitinea and Hardvikiabinnata, Holoptelia integrifolia etc., Fauna like Panther, Sloth beer, Jungle cat, Hyna etc.,

Herbivores like Spotter deer, Sambar, Neelgai, Wild boar etc,. The Panther presence has been confirmed in this area based on photographs of Camera traps, Collection of Pugmarks and Cattle Kill Cases, Photographs of Camera Traps has been enclosed herewith.

Block - 4:- Proposed for Uranium exploration:-

This block falls in Compt.No.113 & 114 Kambalapally beat of WLM Range, Devarakonda, Nidugul Reserve Forest, Amrabad Tiger Reserve, this area has been inspected by me on 01.06.2016. The area is with rich Bio-diversity, basically hilly undulating area has very good growth of Chloroxylon switinea and Hardvikiabinnata, Holoptelia integrifolia. Fauna like Panther, Sloth beer, Jungle cat, Hyna etc.,

The flora and fauna will be adversely effected and lot of disturbance caused for wildlife if exploration take place. Exploration also leads to movement of vehicles and people which causes disturbance to Wildlife. This investigation and exploration is hazardous to the Wild Life and Forest wealth in the sanctuary. In view of above the permission to the block 3 & 4 in proposed Nidugul Reserve Forests, Nagarjunasagar Division, Amrabad Tiger Reserve is not be recommended alternate area may be selected for the National interest.

Divisional Forest Officer, Wildlife Management, Nagarjunasagar.