Area Calculation

(Protected Forest Area proposed for diversion for non forestry Use)

Proposed Retail Outlet(ESSAR Oil Limited)on Salempur To Deoria (SH-1) Road Gata No. 547,Village: Ahilyapur Buzurg,Tahshil:Deoria, District: Deoria

Area Calculation Measurements on basis of Georeferenced Map & Layout Plan.

Entry to Petrol Pump=Curve Polygon (ABA1) + Polygon (B B1 A2 A1)

= 36.34+ (19.36x11.0)sqm

= (36.34+212.96)sqm

=249.30sqm

Curve Radius= 13*13= 169

$\pi r^2/4$ **=3.14*13*13/4**

=132.66

Area of Curve Polygon= 169-132.66

36.34SQM

Protected Forest Land B/W Entry and Exit= Polygon (B1 C1 D2 A2) = (19.36x13.0)sqm

Protected Forest Land B/W Entry and Exit = 251.68sqm

Exit from Petrol Pump= Polygon (C1 C D1 D2) +Polygon Curve (C D D1)

= (19.36x11.0+36.34)sqm

Protected Forest Area for Exit from Petrol Pump=249.30sqm
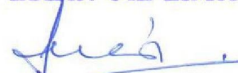
Total Proposed Protected Forest Area for Diversion

= 249.30sqm (Entry) +251.68sqm (Forest Area B/W Entry &Exit) + 249.30sqm (Exit)

= (249.30+251.68+249.30)sqm

=750.28sqm

= 0.075028Ha

For-ESSAR OIL LIMITED

Authorized Signatory

Essar Oil Limited

Varanasi Division, Uttar Pradesh